

# FADE TO BLACK

with **JIMMY CHURCH**  
**PRESENTS**

**PAUL HYNEK**  
**BITCOIN AND UFOS**

**TUE APR 12 LIVE**  
**7:00 PM PT/10:00PM ET**



1  
00:03:36,630 --> 00:01:24,710  
you

2  
00:03:36,640 --> 00:03:44,869  
[Music]

3  
00:03:50,710 --> 00:03:47,750  
oh

4  
00:03:53,670 --> 00:03:50,720  
bespoke radio for the masses headline

5  
00:03:55,509 --> 00:03:53,680  
edition july 8 1947

6  
00:03:57,990 --> 00:03:55,519  
the army air forces has announced that a

7  
00:04:00,229 --> 00:03:58,000  
flying disc has been found and is now in

8  
00:04:02,390 --> 00:04:00,239  
the possession of the army if the game

9  
00:04:04,390 --> 00:04:02,400  
is rigged change the game

10  
00:04:07,190 --> 00:04:04,400  
game changer

11  
00:04:09,509 --> 00:04:07,200  
i occasionally think how quickly

12  
00:04:10,869 --> 00:04:09,519  
our differences worldwide

13  
00:04:13,589 --> 00:04:10,879

would vanish

14

00:04:14,390 --> 00:04:13,599

if we were facing an alien threat from

15

00:04:16,980 --> 00:04:14,400

outside

16

00:04:22,550 --> 00:04:19,749

[Applause]

17

00:04:25,270 --> 00:04:22,560

this is fade to black with your host

18

00:04:28,790 --> 00:04:25,280

jimmy church on the game changer radio

19

00:04:34,090 --> 00:04:31,030

i need your help to get to the year

20

00:04:39,909 --> 00:04:37,830

[Music]

21

00:04:42,880 --> 00:04:39,919

you are listening to fate to black with

22

00:04:45,749 --> 00:04:42,890

jimmy church on the game changer network

23

00:04:50,110 --> 00:04:45,759

[Music]

24

00:04:54,740 --> 00:04:53,590

bespoke radio

25

00:05:01,909 --> 00:04:54,750

for

26  
00:05:07,110 --> 00:05:04,629  
how you doing today's tuesday april 12

27  
00:05:11,990 --> 00:05:07,120  
2022

28  
00:05:14,070 --> 00:05:12,000  
102 days into the new year only 263 days

29  
00:05:14,510 --> 00:05:14,080  
left it's going to be a great show let's

30  
00:05:21,270 --> 00:05:14,520  
do this

31  
00:05:23,110 --> 00:05:21,280  
[Music]

32  
00:05:24,629 --> 00:05:23,120  
we are live from a bunker somewhere in

33  
00:05:25,950 --> 00:05:24,639  
the middle of nowhere

34  
00:05:29,590 --> 00:05:25,960  
a total

35  
00:05:32,070 --> 00:05:29,600  
undisclosed location

36  
00:05:36,730 --> 00:05:32,080  
but it is beautiful in here

37  
00:05:41,749 --> 00:05:40,070  
[Music]

38  
00:05:43,590 --> 00:05:41,759

i would like to welcome everybody

39

00:05:46,150 --> 00:05:43,600

listening all around the world all

40

00:05:48,070 --> 00:05:46,160

across the united states hither and

41

00:05:50,790 --> 00:05:48,080

tether to and fro back and forth up and

42

00:05:54,070 --> 00:05:50,800

down east and west north and south far

43

00:05:56,550 --> 00:05:54,080

and near this is fade to black

44

00:05:59,270 --> 00:05:56,560

for kjcr the game changer and annex

45

00:06:01,270 --> 00:05:59,280

networks racehobbs

46

00:06:03,830 --> 00:06:01,280

i'm your host jimmy church what is

47

00:06:06,390 --> 00:06:03,840

cracking everybody how you doing

48

00:06:09,749 --> 00:06:06,400

how you doing

49

00:06:09,759 --> 00:06:12,870

sent to me

50

00:06:16,820 --> 00:06:14,629

earlier

51

00:06:22,070 --> 00:06:16,830

from laura cantu

52

00:06:23,830 --> 00:06:22,080

[Music]

53

00:06:27,510 --> 00:06:23,840

today

54

00:06:30,309 --> 00:06:27,520

is the very best day for manifestation

55

00:06:33,590 --> 00:06:30,319

that we will experience

56

00:06:36,629 --> 00:06:34,950

wow

57

00:06:40,550 --> 00:06:36,639

that's pretty heavy

58

00:06:44,790 --> 00:06:42,629

thank you for that laura she's the best

59

00:06:46,629 --> 00:06:44,800

man i got to get laura back on the show

60

00:06:47,510 --> 00:06:46,639

i haven't seen laura

61

00:06:50,150 --> 00:06:47,520

uh

62

00:06:52,790 --> 00:06:50,160

since i was in vegas man that's probably

63

00:06:54,950 --> 00:06:52,800

been uh two or three years now

64

00:06:57,510 --> 00:06:54,960

wow that was pre pandemic

65

00:06:59,909 --> 00:06:57,520

i can't say that much

66

00:07:02,749 --> 00:06:59,919

so uh yeah sent to me uh today from

67

00:07:07,909 --> 00:07:02,759

laura astra

68

00:07:11,510 --> 00:07:09,350

astro

69

00:07:13,430 --> 00:07:11,520

um

70

00:07:15,110 --> 00:07:13,440

it's very interesting

71

00:07:17,469 --> 00:07:15,120

you know that the stars in the moon

72

00:07:20,629 --> 00:07:17,479

today is the very best day for

73

00:07:23,029 --> 00:07:20,639

manifestation that we will experience in

74

00:07:25,189 --> 00:07:23,039

this lifetime that's heavy

75

00:07:27,350 --> 00:07:25,199

and it certainly makes a lot of sense

76

00:07:28,390 --> 00:07:27,360

because tonight we have very special

77

00:07:31,189 --> 00:07:28,400

guest

78

00:07:33,510 --> 00:07:31,199

paul heineck is here paul heineck is

79

00:07:35,110 --> 00:07:33,520

with us we're going to be talking about

80

00:07:37,510 --> 00:07:35,120

bitcoin

81

00:07:39,589 --> 00:07:37,520

and ufos

82

00:07:41,029 --> 00:07:39,599

and there is a connection

83

00:07:42,950 --> 00:07:41,039

there is and tonight we're going to talk

84

00:07:45,990 --> 00:07:42,960

about all of that with paul

85

00:07:48,150 --> 00:07:46,000

and tomorrow night on this very program

86

00:07:49,189 --> 00:07:48,160

isaac arthur joins us

87

00:07:51,589 --> 00:07:49,199

we're going to be talking about

88

00:07:53,110 --> 00:07:51,599

exoplanets tomorrow night exoplanets and

89

00:07:55,589 --> 00:07:53,120

e.t

90

00:07:58,550 --> 00:07:55,599

with a little o muammua

91

00:08:02,629 --> 00:07:58,560

uh for good measure because of

92

00:08:03,749 --> 00:08:02,639

omumu being bumped off the charts

93

00:08:05,430 --> 00:08:03,759

yeah

94

00:08:07,110 --> 00:08:05,440

right

95

00:08:09,270 --> 00:08:07,120

omumu is no longer the first

96

00:08:11,110 --> 00:08:09,280

interstellar object

97

00:08:14,309 --> 00:08:11,120

to visit us

98

00:08:17,350 --> 00:08:14,319

here on planet earth and i'm just trying

99

00:08:18,710 --> 00:08:17,360

to fix it i gotta spin it just right ah

100

00:08:21,909 --> 00:08:18,720

there we go

101

00:08:24,230 --> 00:08:21,919

now i'm in my happy place

102

00:08:27,189 --> 00:08:24,240

oh i am so that's tomorrow night isaac

103

00:08:30,230 --> 00:08:27,199

arthur is here and then we have a

104

00:08:31,909 --> 00:08:30,240

programming update that is because

105

00:08:34,790 --> 00:08:31,919

thursday

106

00:08:37,509 --> 00:08:34,800

linda moulton howe is back with us for a

107

00:08:41,029 --> 00:08:37,519

full night of antarctica spartan 1

108

00:08:44,149 --> 00:08:41,039

spartan 2 and beyond all of that is

109

00:08:47,670 --> 00:08:44,159

thursday so no fader night again this

110

00:08:49,430 --> 00:08:47,680

week no open lines again this week

111

00:08:52,230 --> 00:08:49,440

you'll have to wait till next week just

112

00:08:54,070 --> 00:08:52,240

deal with it you'll be all right

113

00:08:57,670 --> 00:08:54,080

you will

114

00:08:59,509 --> 00:08:57,680

manifest you see you you didn't know

115

00:09:02,070 --> 00:08:59,519

if you had known

116

00:09:04,710 --> 00:09:02,080

that you could manifest today anything

117

00:09:06,710 --> 00:09:04,720

you would have manifested fader night

118

00:09:08,150 --> 00:09:06,720

and and i would have been in here going

119

00:09:10,470 --> 00:09:08,160

uh

120

00:09:12,470 --> 00:09:10,480

oh man no i guess linda's not going to

121

00:09:14,310 --> 00:09:12,480

be here on thursday

122

00:09:16,389 --> 00:09:14,320

i don't know why

123

00:09:18,870 --> 00:09:16,399

see you had the power you had the power

124

00:09:23,670 --> 00:09:18,880

to do that and i love this show i love

125

00:09:29,350 --> 00:09:26,470

did you see the picture of pegasus

126

00:09:33,509 --> 00:09:29,360

that i posted on facebook pegasus

127

00:09:36,870 --> 00:09:33,519

stopped by my home on saturday night for

128

00:09:38,470 --> 00:09:36,880

a visit unbelievable crystal skull

129

00:09:41,829 --> 00:09:38,480

courtesy

130

00:09:43,350 --> 00:09:41,839

of carolyn ford of course lisa frith

131

00:09:44,550 --> 00:09:43,360

is the

132

00:09:47,190 --> 00:09:44,560

caretaker

133

00:09:49,190 --> 00:09:47,200

of pegasus and uh

134

00:09:52,389 --> 00:09:49,200

brought pegasus by

135

00:09:55,110 --> 00:09:52,399

and uh i think 37 pounds

136

00:09:57,030 --> 00:09:55,120

i didn't know how heavy 37 pounds was

137

00:09:59,030 --> 00:09:57,040

until i carried that

138

00:10:00,949 --> 00:09:59,040

that skull to and from the car but

139

00:10:03,269 --> 00:10:00,959

absolutely wonderful beautiful and you

140

00:10:06,030 --> 00:10:03,279

can get your next crystal skull from

141

00:10:08,389 --> 00:10:06,040

carolyn ford over at einstein the

142

00:10:09,790 --> 00:10:08,399

crystalskull.com just click on the

143

00:10:11,430 --> 00:10:09,800

on the banners over at

144

00:10:12,949 --> 00:10:11,440

jimmychurchradio.com take you straight

145

00:10:15,829 --> 00:10:12,959

there you can look

146

00:10:18,550 --> 00:10:15,839

at carolyn's collection and get your

147

00:10:20,790 --> 00:10:18,560

first or next crystal skull today use

148

00:10:24,389 --> 00:10:20,800

the promo code jimmy 10 off of your

149

00:10:26,470 --> 00:10:24,399

order coming up next month and uh one

150

00:10:28,790 --> 00:10:26,480

month from tomorrow

151

00:10:31,030 --> 00:10:28,800

i'll be speaking at the x conference

152

00:10:33,190 --> 00:10:31,040

this is going down for two days may 13th

153

00:10:35,430 --> 00:10:33,200

and 14th friday saturday

154

00:10:36,630 --> 00:10:35,440

and i'll be speaking on friday night may

155

00:10:39,990 --> 00:10:36,640

13th

156

00:10:42,150 --> 00:10:40,000

and then after i'm done there will be a

157

00:10:45,190 --> 00:10:42,160

live investigation paranormal

158

00:10:47,990 --> 00:10:45,200

investigation from 9pm until midnight

159

00:10:51,590 --> 00:10:48,000

and then saturday may 14th uh the

160

00:10:54,389 --> 00:10:51,600

conference goes from 10 a.m to 6 30 p.m

161

00:10:56,550 --> 00:10:54,399

this is an online event

162

00:10:59,350 --> 00:10:56,560

and for tickets and info and everything

163

00:11:01,350 --> 00:10:59,360

else go to the

164

00:11:03,190 --> 00:11:01,360

dot xnetwork.com all right and the links

165

00:11:06,470 --> 00:11:03,200

are over at jimmychurchradio.com

166

00:11:08,790 --> 00:11:06,480

and i also have it in social media i'm

167

00:11:12,389 --> 00:11:08,800

very excited that i am hosting

168

00:11:14,710 --> 00:11:12,399

disclosure fest again this year the mass

169

00:11:16,590 --> 00:11:14,720

meditation initiative which is going

170

00:11:20,870 --> 00:11:16,600

down june 18th

171

00:11:25,269 --> 00:11:20,880

2022 from 10 a.m to 10 p.m pacific time

172

00:11:28,550 --> 00:11:25,279

that is a one-day event saturday one day

173

00:11:31,670 --> 00:11:28,560

only at the los angeles state historic

174

00:11:34,470 --> 00:11:31,680

park in downtown los angeles california

175

00:11:36,630 --> 00:11:34,480

i'm hosting the event and we have music

176

00:11:39,910 --> 00:11:36,640

performances by trevor hall the desert

177

00:11:42,230 --> 00:11:39,920

dwellers poor on ghee many other musical

178

00:11:45,350 --> 00:11:42,240

guests on four different stages another

179

00:11:46,710 --> 00:11:45,360

12 stages we have workshops and yoga and

180

00:11:49,350 --> 00:11:46,720

dance and

181

00:11:52,870 --> 00:11:49,360

and all kinds of things going on it's

182

00:11:55,269 --> 00:11:52,880

over 30 acres right there in downtown

183

00:11:56,389 --> 00:11:55,279

l.a workshops with billy carson adam

184

00:11:59,590 --> 00:11:56,399

apollo

185

00:12:02,790 --> 00:11:59,600

lori spania laura eisenhower brad olson

186

00:12:05,430 --> 00:12:02,800

david palmer i wonder if david knows

187

00:12:06,629 --> 00:12:05,440

about how special today

188

00:12:07,990 --> 00:12:06,639

is

189

00:12:10,550 --> 00:12:08,000

all right i want you to go to

190

00:12:12,190 --> 00:12:10,560

disclosurefest.org

191

00:12:14,150 --> 00:12:12,200

and the banners are over at

192

00:12:16,550 --> 00:12:14,160

jimmychurchradio.com i want to remind

193

00:12:19,190 --> 00:12:16,560

everybody that i'll be in egypt with

194

00:12:22,550 --> 00:12:19,200

billy carson this october

195

00:12:25,190 --> 00:12:22,560

space is very very limited i want you to

196

00:12:28,230 --> 00:12:25,200

go to forbidden knowledge.com

197

00:12:30,870 --> 00:12:28,240

right now for the complete schedule and

198

00:12:32,710 --> 00:12:30,880

information that is forbidden

199

00:12:34,069 --> 00:12:32,720

knowledge.com i'm gonna have billy on

200

00:12:35,269 --> 00:12:34,079

the show next week

201  
00:12:37,670 --> 00:12:35,279  
and uh

202  
00:12:40,150 --> 00:12:37,680  
i think i'm gonna have adam apollo

203  
00:12:41,910 --> 00:12:40,160  
on the show next week too as well did i

204  
00:12:43,829 --> 00:12:41,920  
just slip up

205  
00:12:46,310 --> 00:12:43,839  
and never really give it away

206  
00:12:48,949 --> 00:12:46,320  
but uh yeah next week is going to be

207  
00:12:49,750 --> 00:12:48,959  
amazing you can follow me on twitter at

208  
00:12:51,509 --> 00:12:49,760  
j

209  
00:12:57,590 --> 00:12:51,519  
church radio

210  
00:12:58,550 --> 00:12:57,600  
right there the sandbox hashtag f2b on

211  
00:13:00,470 --> 00:12:58,560  
twitter

212  
00:13:02,629 --> 00:13:00,480  
and that's where you know the fader

213  
00:13:03,750 --> 00:13:02,639

knots hang out and

214

00:13:05,190 --> 00:13:03,760

uh

215

00:13:10,870 --> 00:13:05,200

the

216

00:13:13,750 --> 00:13:10,880

which is full of my pre-show gifts

217

00:13:15,590 --> 00:13:13,760

and uh linda has a blank check to take

218

00:13:18,470 --> 00:13:15,600

over fader night anytime

219

00:13:20,550 --> 00:13:18,480

actually she does

220

00:13:23,269 --> 00:13:20,560

that's it you guys have figured that out

221

00:13:25,750 --> 00:13:23,279

right linda is thursday nights you know

222

00:13:27,509 --> 00:13:25,760

she does her thing on wednesdays

223

00:13:29,509 --> 00:13:27,519

and uh

224

00:13:32,069 --> 00:13:29,519

you know on youtube

225

00:13:33,750 --> 00:13:32,079

tuesday she's doing show prep

226

00:13:36,389 --> 00:13:33,760

monday

227

00:13:38,310 --> 00:13:36,399

she's just too busy for us but uh no

228

00:13:40,470 --> 00:13:38,320

she's working on monday and tuesday

229

00:13:43,269 --> 00:13:40,480

getting ready for wednesday

230

00:13:45,910 --> 00:13:43,279

that's it i mean she's booked up that's

231

00:13:48,389 --> 00:13:45,920

blocked out on her calendar so she does

232

00:13:50,870 --> 00:13:48,399

her thing that's it that leaves thursday

233

00:13:52,710 --> 00:13:50,880

and that's all right with me

234

00:13:55,350 --> 00:13:52,720

yeah but uh

235

00:13:57,910 --> 00:13:55,360

cassandra's on top of her game so anyway

236

00:14:00,310 --> 00:13:57,920

when you go to hashtag f2b where i just

237

00:14:02,870 --> 00:14:00,320

saw the post about linda having a blank

238

00:14:05,670 --> 00:14:02,880

check to take over fader night anytime

239

00:14:07,750 --> 00:14:05,680

that happens in the sandbox hashtag

240

00:14:09,110 --> 00:14:07,760

f2b and you can check out everybody's

241

00:14:17,829 --> 00:14:09,120

show

242

00:14:23,590 --> 00:14:19,590

all right

243

00:14:24,790 --> 00:14:23,600

breaking news

244

00:14:29,430 --> 00:14:24,800

sad

245

00:14:31,910 --> 00:14:29,440

gilbert godfried one of the funniest

246

00:14:34,790 --> 00:14:31,920

people on the planet seriously has left

247

00:14:37,030 --> 00:14:34,800

this earth after a long illness

248

00:14:39,829 --> 00:14:37,040

his family announced all of this earlier

249

00:14:41,509 --> 00:14:39,839

today he was 67 years old

250

00:14:43,990 --> 00:14:41,519

and uh crushed

251  
00:14:44,949 --> 00:14:44,000  
67 that's just too young it's just too

252  
00:14:48,310 --> 00:14:44,959  
young

253  
00:14:50,230 --> 00:14:48,320  
oh man all right rest in peace gilbert

254  
00:14:53,389 --> 00:14:50,240  
and there you go

255  
00:14:56,829 --> 00:14:53,399  
the bernard in delhi

256  
00:15:00,949 --> 00:14:56,839  
bernstein i'm not making this up comet

257  
00:15:03,509 --> 00:15:00,959  
identified just last year in 2021

258  
00:15:07,350 --> 00:15:03,519  
is now officially

259  
00:15:09,910 --> 00:15:07,360  
the biggest comet ever observed

260  
00:15:12,550 --> 00:15:09,920  
the new record reported on the pre-print

261  
00:15:14,629 --> 00:15:12,560  
website archive and is now accepted for

262  
00:15:16,710 --> 00:15:14,639  
publication in the journal astronomy and

263  
00:15:19,509 --> 00:15:16,720

astrophysics letters

264

00:15:23,509 --> 00:15:19,519

bumps the hail bop comet from the top

265

00:15:25,110 --> 00:15:23,519

spot the hail bop was discovered in 1995

266

00:15:26,710 --> 00:15:25,120

and became visible to the naked eye in

267

00:15:30,069 --> 00:15:26,720

1996

268

00:15:33,350 --> 00:15:30,079

it was about 46 miles across

269

00:15:36,790 --> 00:15:33,360

bernard in delhi bernstein also known as

270

00:15:41,350 --> 00:15:36,800

comet 2014 u1 271

271

00:15:43,509 --> 00:15:41,360

has now been calculated to be about 85

272

00:15:47,590 --> 00:15:43,519

miles across

273

00:15:50,150 --> 00:15:47,600

almost twice as big as hellbop the comet

274

00:15:52,389 --> 00:15:50,160

is currently winging its way towards the

275

00:15:55,430 --> 00:15:52,399

interior of the solar system

276

00:15:58,949 --> 00:15:55,440

it will get closest to earth in 2031

277

00:16:02,629 --> 00:15:58,959

though it's not a don't look up moment

278

00:16:04,069 --> 00:16:02,639

it will remain just outside saturn's

279

00:16:06,550 --> 00:16:04,079

orbit

280

00:16:07,509 --> 00:16:06,560

incredible we'll see this thing in 2031

281

00:16:09,829 --> 00:16:07,519

up close

282

00:16:13,189 --> 00:16:09,839

nasa

283

00:16:15,430 --> 00:16:13,199

this is crazy okay now i need you to

284

00:16:21,990 --> 00:16:15,440

visualize

285

00:16:25,430 --> 00:16:22,000

sling right uh

286

00:16:27,189 --> 00:16:25,440

what was it david and goliath right

287

00:16:28,550 --> 00:16:27,199

right a sling

288

00:16:30,949 --> 00:16:28,560

right

289

00:16:32,629 --> 00:16:30,959

maybe a discus thrower when he's

290

00:16:34,790 --> 00:16:32,639

spinning around

291

00:16:37,430 --> 00:16:34,800

and then throws to the discus

292

00:16:38,629 --> 00:16:37,440

nasa so put that in your mind

293

00:16:41,030 --> 00:16:38,639

nasa

294

00:16:44,310 --> 00:16:41,040

has signed up to test

295

00:16:47,030 --> 00:16:44,320

spin launch's extraordinary kinetic

296

00:16:49,590 --> 00:16:47,040

space launch technology which

297

00:16:51,590 --> 00:16:49,600

accelerates a launch vehicle to

298

00:16:54,069 --> 00:16:51,600

hypersonic speeds

299

00:16:56,230 --> 00:16:54,079

using an electronic

300

00:16:57,749 --> 00:16:56,240

centrifuge arm

301  
00:17:01,749 --> 00:16:57,759  
and then let it go

302  
00:17:04,309 --> 00:17:01,759  
hurling it skyward like like a discus

303  
00:17:06,870 --> 00:17:04,319  
the idea behind spin launch is as

304  
00:17:09,669 --> 00:17:06,880  
staggering as the company's name and it

305  
00:17:11,669 --> 00:17:09,679  
is entirely appropriate the idea of

306  
00:17:13,750 --> 00:17:11,679  
winding up and throwing satellites most

307  
00:17:17,429 --> 00:17:13,760  
of the way into orbit just boggles the

308  
00:17:19,750 --> 00:17:17,439  
mind boggles mine but in initial testing

309  
00:17:22,390 --> 00:17:19,760  
this company's kinetic launch system

310  
00:17:25,350 --> 00:17:22,400  
which looks externally like a like a

311  
00:17:27,669 --> 00:17:25,360  
turbocharger it's round with a tube on

312  
00:17:29,909 --> 00:17:27,679  
the side that sticks out

313  
00:17:32,549 --> 00:17:29,919

as uh it's shown promise as an

314

00:17:34,630 --> 00:17:32,559

environmentally friendly and potentially

315

00:17:37,990 --> 00:17:34,640

cost effective replacement

316

00:17:39,830 --> 00:17:38,000

for the first stage rocket launches i've

317

00:17:43,830 --> 00:17:39,840

seen the animation

318

00:17:47,830 --> 00:17:43,840

i've seen this thing work and it is

319

00:17:50,950 --> 00:17:47,840

crazy town you need to check it out

320

00:17:53,669 --> 00:17:50,960

well announced today netflix

321

00:17:56,070 --> 00:17:53,679

has introduced

322

00:17:58,830 --> 00:17:56,080

introduced the

323

00:18:02,710 --> 00:17:58,840

short ass movies

324

00:18:04,950 --> 00:18:02,720

category after snl's pete davidson joked

325

00:18:06,150 --> 00:18:04,960

that there was a lack of films that ran

326  
00:18:08,870 --> 00:18:06,160  
less than an

327  
00:18:11,590 --> 00:18:08,880  
hour and 40 minutes

328  
00:18:14,230 --> 00:18:11,600  
netflix has confirmed and i've seen it

329  
00:18:19,190 --> 00:18:14,240  
i've actually been there and clicked on

330  
00:18:20,870 --> 00:18:19,200  
it netflix confirmed short ass movies

331  
00:18:22,870 --> 00:18:20,880  
confirmed that it was available on a

332  
00:18:25,110 --> 00:18:22,880  
streaming platform but declined to

333  
00:18:26,710 --> 00:18:25,120  
answer a question about how long it

334  
00:18:28,870 --> 00:18:26,720  
would remain

335  
00:18:30,470 --> 00:18:28,880  
as a category

336  
00:18:32,789 --> 00:18:30,480  
now

337  
00:18:37,110 --> 00:18:32,799  
anything under an hour and 40 minutes is

338  
00:18:38,630 --> 00:18:37,120

what i call the episode of a tv series

339

00:18:40,070 --> 00:18:38,640

me personally

340

00:18:42,470 --> 00:18:40,080

i like

341

00:18:44,070 --> 00:18:42,480

long ass movies

342

00:18:46,070 --> 00:18:44,080

i do

343

00:18:48,630 --> 00:18:46,080

all right let's get to show cracking

344

00:18:51,270 --> 00:18:48,640

happy birthday to today

345

00:18:52,470 --> 00:18:51,280

claire danes

346

00:18:55,110 --> 00:18:52,480

yeah

347

00:18:56,710 --> 00:18:55,120

is 43 years old

348

00:18:59,750 --> 00:18:56,720

star of homeland

349

00:19:02,950 --> 00:18:59,760

homeland had a good ending uh to the

350

00:19:05,909 --> 00:19:02,960

series the series finale i guess it was

351

00:19:09,029 --> 00:19:05,919

pretty good but i kind of miss it ed

352

00:19:12,630 --> 00:19:09,039

o'neill today is 76 that's right married

353

00:19:15,990 --> 00:19:12,640

with children at bundy and andy garcia

354

00:19:17,510 --> 00:19:16,000

today is 66 star of a long ass movie

355

00:19:20,950 --> 00:19:17,520

godfather three

356

00:19:23,029 --> 00:19:20,960

david letterman is 75

357

00:19:25,110 --> 00:19:23,039

herbie hancock

358

00:19:27,110 --> 00:19:25,120

today are you ready

359

00:19:29,110 --> 00:19:27,120

herbie hancock today

360

00:19:33,350 --> 00:19:29,120

is 82.

361

00:19:35,029 --> 00:19:33,360

steppenwolf's john k is 78 and guitarist

362

00:19:36,150 --> 00:19:35,039

pat travers

363

00:19:38,789 --> 00:19:36,160

today

364

00:19:40,470 --> 00:19:38,799

is 68 years old our dead guy's birthday

365

00:19:42,549 --> 00:19:40,480

today is i need a moment of silence

366

00:19:44,870 --> 00:19:42,559

please

367

00:19:49,350 --> 00:19:44,880

david cassidy

368

00:19:51,909 --> 00:19:49,360

1950 to 2017. david of course

369

00:19:53,750 --> 00:19:51,919

was an actor he was a singer songwriter

370

00:19:56,630 --> 00:19:53,760

and a guitarist

371

00:19:58,470 --> 00:19:56,640

he was keith partridge the son of

372

00:20:00,470 --> 00:19:58,480

shirley partridge played by his

373

00:20:02,149 --> 00:20:00,480

stepmother shirley jones in the

374

00:20:03,350 --> 00:20:02,159

partridge family

375

00:20:07,510 --> 00:20:03,360

this role

376

00:20:09,909 --> 00:20:07,520

catapulted david to the king teen idol

377

00:20:12,070 --> 00:20:09,919

of the known universe

378

00:20:15,110 --> 00:20:12,080

david died of liver failure on november

379

00:20:18,470 --> 00:20:15,120

21 2017 at the age of 67 and according

380

00:20:21,029 --> 00:20:18,480

to his daughter katie cassidy his final

381

00:20:23,669 --> 00:20:21,039

words were quote

382

00:20:25,110 --> 00:20:23,679

so much wasted time

383

00:20:26,789 --> 00:20:25,120

end quote

384

00:20:27,909 --> 00:20:26,799

happy birthday david on this day in

385

00:20:30,549 --> 00:20:27,919

history

386

00:20:32,230 --> 00:20:30,559

1954

387

00:20:34,549 --> 00:20:32,240

speaking of hellbop

388

00:20:37,590 --> 00:20:34,559

and the comets right

389

00:20:40,789 --> 00:20:37,600

bill haley and his comments

390

00:20:42,870 --> 00:20:40,799

record rock around the clock

391

00:20:45,510 --> 00:20:42,880

making rock and roll

392

00:20:47,990 --> 00:20:45,520

official see and all of this is

393

00:20:51,590 --> 00:20:48,000

synchronicity write the announcement of

394

00:20:53,110 --> 00:20:51,600

the largest comment ever found right and

395

00:21:00,549 --> 00:20:53,120

and

396

00:21:04,710 --> 00:21:00,559

a minute it's all synchronicity

397

00:21:05,990 --> 00:21:04,720

bill haley think about that fader fact

398

00:21:09,830 --> 00:21:06,000

turkeys

399

00:21:12,710 --> 00:21:09,840

thanksgiving

400

00:21:15,669 --> 00:21:12,720

turkeys as in the country

401  
00:21:18,470 --> 00:21:15,679  
turkey's gate to hell

402  
00:21:21,190 --> 00:21:18,480  
a temple with a stone doorway leading to

403  
00:21:23,830 --> 00:21:21,200  
a small cave-like grotto

404  
00:21:27,270 --> 00:21:23,840  
emits deadly volcanic

405  
00:21:29,590 --> 00:21:27,280  
co2 that can kill an animal

406  
00:21:31,350 --> 00:21:29,600  
within minutes

407  
00:21:33,510 --> 00:21:31,360  
priests

408  
00:21:37,270 --> 00:21:33,520  
came out alive

409  
00:21:39,190 --> 00:21:37,280  
because their heads were above the co2

410  
00:21:40,870 --> 00:21:39,200  
layer

411  
00:21:42,710 --> 00:21:40,880  
that's right

412  
00:21:44,470 --> 00:21:42,720  
i'm just going to leave that right there

413  
00:21:46,950 --> 00:21:44,480

just think it's a miracle

414

00:21:48,630 --> 00:21:46,960

he's got he's he's got the power of god

415

00:21:50,789 --> 00:21:48,640

inside of him

416

00:21:53,110 --> 00:21:50,799

anything that priest would say when he

417

00:21:54,950 --> 00:21:53,120

comes out of there alive

418

00:21:57,029 --> 00:21:54,960

think about that

419

00:21:58,950 --> 00:21:57,039

and it was only because

420

00:22:01,350 --> 00:21:58,960

they were tall

421

00:22:06,149 --> 00:22:01,360

all right let me hit this river moon

422

00:22:09,430 --> 00:22:08,390

tonight very special guest paul heineck

423

00:22:11,669 --> 00:22:09,440

is here

424

00:22:14,230 --> 00:22:11,679

we're going to be talking about bitcoin

425

00:22:16,149 --> 00:22:14,240

and ufos and there is a connection there

426  
00:22:17,750 --> 00:22:16,159  
are many connections we're going to do

427  
00:22:19,430 --> 00:22:17,760  
all of that tonight tomorrow night isaac

428  
00:22:23,830 --> 00:22:19,440  
arthur joins us we're going to be

429  
00:22:26,789 --> 00:22:23,840  
talking about exoplanets and e.t

430  
00:22:28,950 --> 00:22:26,799  
and which is now the second interstellar

431  
00:22:31,190 --> 00:22:28,960  
visitor we'll be talking about all of

432  
00:22:33,510 --> 00:22:31,200  
that tomorrow night and then thursday

433  
00:22:38,070 --> 00:22:33,520  
linda moulton howe is with us for a full

434  
00:22:40,630 --> 00:22:38,080  
night of antarctica spartan 1 spartan 2

435  
00:22:44,070 --> 00:22:40,640  
and beyond that will be thursday night

436  
00:22:45,350 --> 00:22:44,080  
no fader night or open lines this week

437  
00:22:48,870 --> 00:22:45,360  
all right

438  
00:22:52,950 --> 00:22:48,880

river moon coffee river moon wellness

439

00:22:57,669 --> 00:22:55,750

fade the black blend

440

00:23:01,190 --> 00:22:57,679

last night we did our

441

00:23:03,350 --> 00:23:01,200

ama semi-annual ama last night one of

442

00:23:06,310 --> 00:23:03,360

the questions how do i like my coffee

443

00:23:09,990 --> 00:23:06,320

well i like my coffee doc

444

00:23:14,630 --> 00:23:11,590

i'm just gonna say this

445

00:23:21,190 --> 00:23:17,190

today i gotta move on i've got other

446

00:23:24,710 --> 00:23:22,870

and you can stop following me on twitter

447

00:23:26,789 --> 00:23:24,720

you can unsubscribe to this channel

448

00:23:27,590 --> 00:23:26,799

after what i'm about to say but that's

449

00:23:29,270 --> 00:23:27,600

fine

450

00:23:31,190 --> 00:23:29,280

but today

451  
00:23:34,830 --> 00:23:31,200  
i tried

452  
00:23:36,710 --> 00:23:34,840  
oat milk as a creamer in my

453  
00:23:40,470 --> 00:23:36,720  
coffee

454  
00:23:44,149 --> 00:23:42,549  
it tasted like

455  
00:23:46,549 --> 00:23:44,159  
dirt

456  
00:23:50,789 --> 00:23:46,559  
in my coffee

457  
00:23:56,549 --> 00:23:53,029  
i will never do that again

458  
00:24:01,510 --> 00:23:58,149  
my doctor could go

459  
00:24:04,710 --> 00:24:01,520  
dude cream half and half

460  
00:24:07,350 --> 00:24:04,720  
is gonna shorten your life like you're

461  
00:24:09,350 --> 00:24:07,360  
gonna die next week well

462  
00:24:15,830 --> 00:24:09,360  
i'm gonna die

463  
00:24:20,710 --> 00:24:19,110

oat milk oh man i can't speak about soy

464

00:24:24,390 --> 00:24:20,720

i've never done it

465

00:24:27,909 --> 00:24:24,400

but i've officially tried oat

466

00:24:32,950 --> 00:24:30,950

whoever's doing that and has convinced

467

00:24:36,070 --> 00:24:32,960

themselves

468

00:24:38,470 --> 00:24:36,080

you know rewiring their brain

469

00:24:40,149 --> 00:24:38,480

that that is okay all right all right

470

00:24:41,350 --> 00:24:40,159

you do your own thing

471

00:24:44,390 --> 00:24:41,360

okay

472

00:24:51,669 --> 00:24:44,400

um because

473

00:24:51,679 --> 00:24:54,710

eleven eleven

474

00:24:58,789 --> 00:24:56,789

it seems that

475

00:25:01,750 --> 00:24:58,799

i checked my phone

476  
00:25:02,950 --> 00:25:01,760  
twice a day for the time

477  
00:25:05,269 --> 00:25:02,960  
twice

478  
00:25:08,070 --> 00:25:05,279  
a quick glance

479  
00:25:14,470 --> 00:25:11,110  
and each time that i shift my eyes

480  
00:25:16,549 --> 00:25:14,480  
towards the end of my right arm

481  
00:25:19,269 --> 00:25:16,559  
there it is

482  
00:25:21,510 --> 00:25:19,279  
11 11.

483  
00:25:23,909 --> 00:25:21,520  
over the last couple of weeks i took a

484  
00:25:26,630 --> 00:25:23,919  
mental note

485  
00:25:29,029 --> 00:25:26,640  
seriously i said jimmy

486  
00:25:31,350 --> 00:25:29,039  
yeah i don't i don't have to look at my

487  
00:25:34,149 --> 00:25:31,360  
phone for the time

488  
00:25:35,350 --> 00:25:34,159

i have clocks in every room i have

489

00:25:38,789 --> 00:25:35,360

watches

490

00:25:40,390 --> 00:25:38,799

i have no problems anywhere in fact

491

00:25:43,909 --> 00:25:40,400

like most of you

492

00:25:45,909 --> 00:25:43,919

there are three clocks in my kitchen

493

00:25:48,470 --> 00:25:45,919

the stove the microwave the coffee

494

00:25:49,830 --> 00:25:48,480

machine all are synced up with the same

495

00:25:52,230 --> 00:25:49,840

time

496

00:25:54,710 --> 00:25:52,240

there's a clock large digital clock

497

00:25:56,950 --> 00:25:54,720

underneath my tv in the family room

498

00:25:59,990 --> 00:25:56,960

staring at me

499

00:26:01,830 --> 00:26:00,000

in the bunker i've got an atomic clock

500

00:26:03,510 --> 00:26:01,840

and it's bright red

501  
00:26:06,630 --> 00:26:03,520  
right in front of me

502  
00:26:09,350 --> 00:26:06,640  
so yeah i know what time it is

503  
00:26:10,710 --> 00:26:09,360  
but when i take the opportunity to look

504  
00:26:12,390 --> 00:26:10,720  
at my phone

505  
00:26:14,230 --> 00:26:12,400  
twice a day

506  
00:26:16,870 --> 00:26:14,240  
for the time

507  
00:26:18,390 --> 00:26:16,880  
it's always eleven eleven

508  
00:26:19,350 --> 00:26:18,400  
why is that

509  
00:26:21,669 --> 00:26:19,360  
sure

510  
00:26:23,830 --> 00:26:21,679  
we can easily jump to some spiritual

511  
00:26:26,470 --> 00:26:23,840  
meaning you know ponder the significance

512  
00:26:27,990 --> 00:26:26,480  
of the numbers the positive vibes and i

513  
00:26:30,710 --> 00:26:28,000

get that

514

00:26:33,029 --> 00:26:30,720

most of you will say that the universe

515

00:26:37,350 --> 00:26:33,039

is telling me something you know saying

516

00:26:39,909 --> 00:26:37,360

hello it's winking and i get that too

517

00:26:41,350 --> 00:26:39,919

it's gotten to the point that when it

518

00:26:43,830 --> 00:26:41,360

happens

519

00:26:45,590 --> 00:26:43,840

like it did earlier today

520

00:26:48,870 --> 00:26:45,600

i just laugh

521

00:26:50,710 --> 00:26:48,880

it's truly crazy and it's real

522

00:26:52,470 --> 00:26:50,720

i've officially

523

00:26:54,950 --> 00:26:52,480

taken note of it

524

00:26:57,430 --> 00:26:54,960

but here's the deal

525

00:26:59,990 --> 00:26:57,440

sure it may be the consciousness of the

526  
00:27:02,310 --> 00:27:00,000  
connected universe which is cool

527  
00:27:03,909 --> 00:27:02,320  
but something else is probably going on

528  
00:27:04,830 --> 00:27:03,919  
that is much deeper

529  
00:27:07,990 --> 00:27:04,840  
and that

530  
00:27:10,870 --> 00:27:08,000  
is it's probably

531  
00:27:11,830 --> 00:27:10,880  
our amazing brains at work

532  
00:27:17,029 --> 00:27:11,840  
now

533  
00:27:19,669 --> 00:27:17,039  
but i think that i've thought about and

534  
00:27:22,389 --> 00:27:19,679  
spoken about this enough over the years

535  
00:27:25,190 --> 00:27:22,399  
that my brain now knows

536  
00:27:29,510 --> 00:27:25,200  
that this is something that i enjoy

537  
00:27:33,110 --> 00:27:29,520  
11-11 it brings me happiness

538  
00:27:36,149 --> 00:27:33,120

and my brain has adjusted itself

539

00:27:37,110 --> 00:27:36,159

my brain is totally synced up with my

540

00:27:41,990 --> 00:27:37,120

clock

541

00:27:44,630 --> 00:27:42,000

and it has even taken into account

542

00:27:46,310 --> 00:27:44,640

daylight savings time

543

00:27:49,830 --> 00:27:46,320

seriously

544

00:27:53,350 --> 00:27:49,840

my brain knows to the second

545

00:27:55,510 --> 00:27:53,360

when to have me look at my cell phone

546

00:27:58,870 --> 00:27:55,520

just to make me happy

547

00:28:01,029 --> 00:27:58,880

to make me smile

548

00:28:03,669 --> 00:28:01,039

there is no other rational explanation

549

00:28:06,230 --> 00:28:03,679

for this it's not consciousness at work

550

00:28:09,750 --> 00:28:06,240

it's our amazing brains

551  
00:28:12,470 --> 00:28:09,760  
endorphins the happiness hormones and

552  
00:28:14,630 --> 00:28:12,480  
specifically dopamine which is produced

553  
00:28:16,389 --> 00:28:14,640  
when we feel satisfied resulting in

554  
00:28:17,990 --> 00:28:16,399  
feeling happy excited you know

555  
00:28:21,269 --> 00:28:18,000  
stimulated

556  
00:28:24,230 --> 00:28:21,279  
is fired off twice a day

557  
00:28:27,830 --> 00:28:24,240  
seriously like clockwork

558  
00:28:28,870 --> 00:28:27,840  
twice a day at 11 11. our brains my

559  
00:28:31,430 --> 00:28:28,880  
brain

560  
00:28:34,870 --> 00:28:31,440  
100 knows this

561  
00:28:38,389 --> 00:28:34,880  
it can get a guaranteed happy fix every

562  
00:28:40,389 --> 00:28:38,399  
12 hours and it works every time

563  
00:28:42,470 --> 00:28:40,399

no pun intended

564

00:28:45,830 --> 00:28:42,480

so tonight after the show

565

00:28:47,909 --> 00:28:45,840

i'll edit i'll upload i'll download then

566

00:28:50,070 --> 00:28:47,919

i'll shut down the studio

567

00:28:53,190 --> 00:28:50,080

i'll cook some dinner

568

00:28:56,310 --> 00:28:53,200

i'll sit down turn on the tv and watch

569

00:29:00,070 --> 00:28:56,320

whatever i'll eat i'll kick back i'll

570

00:29:03,190 --> 00:29:00,080

take a sip of a cool refreshing liquid

571

00:29:04,789 --> 00:29:03,200

i'll think about dessert and in that

572

00:29:08,149 --> 00:29:04,799

blissful moment

573

00:29:11,350 --> 00:29:08,159

i'll reach down pick up my phone

574

00:29:14,870 --> 00:29:11,360

and see eleven eleven

575

00:29:17,830 --> 00:29:14,880

my brain fires off some tasty chemicals

576

00:29:21,669 --> 00:29:17,840

and i'm in my happy place

577

00:29:25,669 --> 00:29:21,679

in 12 more hours i get to do it again

578

00:29:28,870 --> 00:29:25,679

and in that gray gooey glob between my

579

00:29:32,230 --> 00:29:30,389

that's why

580

00:29:35,190 --> 00:29:32,240

eleven eleven

581

00:29:38,950 --> 00:29:35,200

is our universal smile time

582

00:29:42,549 --> 00:29:41,110

this is fade to black i am your host

583

00:29:43,590 --> 00:29:42,559

jimmy church

584

00:29:45,830 --> 00:29:43,600

tonight

585

00:29:48,230 --> 00:29:45,840

on this program i'm going to get to my

586

00:29:49,430 --> 00:29:48,240

happy place with paul heineck because

587

00:29:50,230 --> 00:29:49,440

he's here we're going to be talking

588

00:29:51,909 --> 00:29:50,240

about

589

00:29:54,470 --> 00:29:51,919

bitcoin

590

00:29:56,470 --> 00:29:54,480

and ufos and i know what you're thinking

591

00:29:58,389 --> 00:29:56,480

is there a connection

592

00:30:01,430 --> 00:29:58,399

is there yes

593

00:30:03,110 --> 00:30:01,440

we'll find out that there are a list

594

00:30:04,789 --> 00:30:03,120

of connections we will go through all of

595

00:30:06,630 --> 00:30:04,799

that tonight with paul tomorrow night

596

00:30:08,710 --> 00:30:06,640

isaac arthur's joining us we're going to

597

00:30:10,310 --> 00:30:08,720

be talking about exoplanets and e.t and

598

00:30:12,789 --> 00:30:10,320

omua muah

599

00:30:15,190 --> 00:30:12,799

thursday night linda moulton howes with

600

00:30:18,070 --> 00:30:15,200

us for a full night of antarctica

601  
00:30:20,789 --> 00:30:18,080  
spartan one and spartan 2 and beyond

602  
00:30:22,140 --> 00:30:20,799  
no fader night this week folks deal with

603  
00:30:38,310 --> 00:30:22,150  
it i'll be right back

604  
00:30:40,470 --> 00:30:38,320  
[Music]

605  
00:30:42,630 --> 00:30:40,480  
this is nicole church daughter of you

606  
00:30:43,630 --> 00:30:42,640  
know who and you're listening to fade to

607  
00:30:45,269 --> 00:30:43,640  
black on

608  
00:30:48,149 --> 00:30:45,279  
jimmychurchradio.com and the game

609  
00:30:51,830 --> 00:30:50,310  
you're listening to jimmy church and

610  
00:30:58,310 --> 00:30:51,840  
fade to black

611  
00:31:04,789 --> 00:31:00,630  
you're listening to jimmy church fade to

612  
00:31:12,230 --> 00:31:06,950  
fate to black will now pause for alien

613  
00:31:16,470 --> 00:31:14,549

introducing the game changer blend from

614

00:31:18,950 --> 00:31:16,480

river moon coffee that delivers a

615

00:31:22,070 --> 00:31:18,960

customized blend made specifically for

616

00:31:25,029 --> 00:31:22,080

the fader knots if the game is rigged

617

00:31:27,830 --> 00:31:25,039

change the game it's a boulder cup with

618

00:31:30,070 --> 00:31:27,840

some bite game changer is the coffee of

619

00:31:32,389 --> 00:31:30,080

choice for those that prefer an organic

620

00:31:35,990 --> 00:31:32,399

dark roast that is slightly lighter and

621

00:31:38,310 --> 00:31:36,000

milder but it's still dark with wild

622

00:31:40,870 --> 00:31:38,320

notes of pecans and chocolate with a

623

00:31:43,269 --> 00:31:40,880

rich balanced full-bodied cup that is

624

00:31:45,909 --> 00:31:43,279

roasted to perfection for a great coffee

625

00:31:49,190 --> 00:31:45,919

to start your day as an after dinner

626  
00:31:51,990 --> 00:31:49,200  
coffee or anywhere in between artisan

627  
00:31:54,630 --> 00:31:52,000  
small batch roasted to perfection usda

628  
00:31:56,950 --> 00:31:54,640  
certified organic all river moon coffee

629  
00:31:59,830 --> 00:31:56,960  
is freshly roasted and packaged in the

630  
00:32:01,909 --> 00:31:59,840  
usa just go to [rivermooncoffee.com](http://rivermooncoffee.com) or

631  
00:32:05,830 --> 00:32:01,919  
click on the banners over on our site

632  
00:32:07,909 --> 00:32:05,840  
and use the promo code f2b blend for 15

633  
00:32:10,840 --> 00:32:07,919  
off of your order today

634  
00:32:14,149 --> 00:32:10,850  
[rivermooncoffee.com](http://rivermooncoffee.com)

635  
00:32:18,870 --> 00:32:16,470  
is paid to black

636  
00:32:20,630 --> 00:32:18,880  
make contact

637  
00:32:23,430 --> 00:32:20,640  
this is jimmy church of fade to black

638  
00:32:25,830 --> 00:32:23,440

and you can get our podcast for just two

639

00:32:29,149 --> 00:32:25,840

dollars per month all you have to do is

640

00:32:30,950 --> 00:32:29,159

click on the podcast banner over at

641

00:32:33,590 --> 00:32:30,960

[jimmychurchradio.com](http://jimmychurchradio.com)

642

00:32:36,230 --> 00:32:33,600

hi folks it's trembling times and fear

643

00:32:37,990 --> 00:32:36,240

is pushing emotions which in turn pushes

644

00:32:40,149 --> 00:32:38,000

health the wrong direction do you ever

645

00:32:42,549 --> 00:32:40,159

get an ache because life is uneasy try

646

00:32:44,470 --> 00:32:42,559

life change tea get the [tea.com](http://tea.com) life

647

00:32:46,549 --> 00:32:44,480

change tea works on your digestive tract

648

00:32:49,110 --> 00:32:46,559

helping to move food through quicker and

649

00:32:50,870 --> 00:32:49,120

comfortably so your health is spot on

650

00:32:52,870 --> 00:32:50,880

life change team may not help with world

651  
00:32:55,509 --> 00:32:52,880  
issues but it will help with your

652  
00:32:57,990 --> 00:32:55,519  
digestive issues a glass a day helps

653  
00:33:00,549 --> 00:32:58,000  
keep the intruders away so

654  
00:33:03,750 --> 00:33:00,559  
change your life today log on to get the

655  
00:33:05,990 --> 00:33:03,760  
tea.com that's get the tea dot com if

656  
00:33:08,630 --> 00:33:06,000  
your health game is off get on by

657  
00:33:10,470 --> 00:33:08,640  
ordering life change tea get the tea dot

658  
00:33:12,710 --> 00:33:10,480  
com and while you're on our site look

659  
00:33:14,389 --> 00:33:12,720  
around at the great non-gmo organic

660  
00:33:17,029 --> 00:33:14,399  
supplements and if you're a sales

661  
00:33:18,870 --> 00:33:17,039  
shopper go to our specials page and see

662  
00:33:20,950 --> 00:33:18,880  
what's for you i've been drinking the

663  
00:33:23,509 --> 00:33:20,960

tea for 12 years and i'm sure glad for

664

00:33:27,190 --> 00:33:23,519

its health benefits again that's get the

665

00:33:29,830 --> 00:33:27,200

tea.com get the tea.com

666

00:33:31,110 --> 00:33:29,840

the tea that makes you go

667

00:33:33,789 --> 00:33:31,120

do you have an interest in the

668

00:33:36,630 --> 00:33:33,799

paranormal that you'll love the on

669

00:33:38,310 --> 00:33:36,640

xnetwork.com the x is your streaming

670

00:33:41,430 --> 00:33:38,320

audio and video for everything

671

00:33:44,950 --> 00:33:41,440

supernatural strange and mysterious like

672

00:33:47,190 --> 00:33:44,960

ufos bigfoot ghosts and so much more

673

00:33:50,549 --> 00:33:47,200

from hosts like jimmy church whitley

674

00:33:53,269 --> 00:33:50,559

strieber micah hanks and christina gomez

675

00:33:55,269 --> 00:33:53,279

visit the xnetwork.com show page for a

676

00:33:57,909 --> 00:33:55,279

complete list of all the paranormal

677

00:33:59,830 --> 00:33:57,919

programs you'll find on the x be sure to

678

00:34:01,509 --> 00:33:59,840

follow us on twitter for updates at

679

00:34:04,230 --> 00:34:01,519

kunxdb

680

00:34:06,950 --> 00:34:04,240

follow our facebook group on x network

681

00:34:10,550 --> 00:34:06,960

find the podcast on spotify iheart

682

00:34:11,430 --> 00:34:10,560

audible and apple podcast it's time it's

683

00:34:13,909 --> 00:34:11,440

new

684

00:34:15,030 --> 00:34:13,919

is the x x

685

00:34:20,149 --> 00:34:15,040

x

686

00:34:23,909 --> 00:34:22,550

fade to black

687

00:34:26,550 --> 00:34:23,919

is not

688

00:34:30,710 --> 00:34:26,560

your father's radio show

689

00:34:32,710 --> 00:34:30,720

on the game changer radio network

690

00:34:34,069 --> 00:34:32,720

hi this is rob reiner from anvil and

691

00:34:37,270 --> 00:34:34,079

you're listening to jimmy

692

00:34:57,829 --> 00:34:40,149

what's up i'm chris what up this is

693

00:35:02,790 --> 00:35:00,230

all right welcome back fade to black i

694

00:35:05,030 --> 00:35:02,800

am your host jimmy church tonight paul

695

00:35:06,790 --> 00:35:05,040

heineck is with us tomorrow night isaac

696

00:35:08,230 --> 00:35:06,800

arthur

697

00:35:09,510 --> 00:35:08,240

physicist

698

00:35:12,950 --> 00:35:09,520

we're going to be talking about

699

00:35:15,750 --> 00:35:12,960

exoplanets in e.t and thursday night

700

00:35:17,349 --> 00:35:15,760

linda molten howe is with us antarctica

701  
00:35:20,470 --> 00:35:17,359  
tonight

702  
00:35:21,589 --> 00:35:20,480  
it's bitcoin and ufos what is the

703  
00:35:23,109 --> 00:35:21,599  
connection

704  
00:35:25,030 --> 00:35:23,119  
there is one

705  
00:35:26,950 --> 00:35:25,040  
or two or three

706  
00:35:29,349 --> 00:35:26,960  
tonight you're gonna find out paul has

707  
00:35:31,349 --> 00:35:29,359  
worked in tech and entertainment and is

708  
00:35:33,109 --> 00:35:31,359  
currently a business consultant he is

709  
00:35:35,750 --> 00:35:33,119  
also a former ad

710  
00:35:37,349 --> 00:35:35,760  
former adjunct professor of pepperdine i

711  
00:35:41,670 --> 00:35:37,359  
thought you were still

712  
00:35:43,030 --> 00:35:41,680  
a professor at pepperdine i'm confused

713  
00:35:45,109 --> 00:35:43,040

about that

714

00:35:47,270 --> 00:35:45,119

but uh of course he was a consultant on

715

00:35:49,270 --> 00:35:47,280

history channel series uh project blue

716

00:35:52,950 --> 00:35:49,280

book based on a real project to

717

00:35:55,990 --> 00:35:52,960

investigate ufos from 1952 to 1969

718

00:35:58,069 --> 00:35:56,000

of course paul is the son of dr j allen

719

00:36:00,150 --> 00:35:58,079

heineck an astronomer who worked with

720

00:36:03,990 --> 00:36:00,160

the united states air force investigated

721

00:36:06,950 --> 00:36:04,000

ufo cases from 1948 till the end of blue

722

00:36:08,630 --> 00:36:06,960

book in 1969.

723

00:36:10,230 --> 00:36:08,640

dr j alan heineck began his

724

00:36:12,310 --> 00:36:10,240

investigation with the united states air

725

00:36:13,670 --> 00:36:12,320

force as a skeptic but by the time blue

726

00:36:15,349 --> 00:36:13,680

book ended

727

00:36:17,430 --> 00:36:15,359

i think he was convinced that we were

728

00:36:19,910 --> 00:36:17,440

being visited by e.t

729

00:36:23,349 --> 00:36:19,920

and i've got a link up for the heineken

730

00:36:24,790 --> 00:36:23,359

ufo report on amazon it's right there

731

00:36:25,990 --> 00:36:24,800

and you can go and check that out i

732

00:36:28,310 --> 00:36:26,000

would like to welcome back to fade to

733

00:36:30,550 --> 00:36:28,320

black the one and only paul heineck paul

734

00:36:33,589 --> 00:36:30,560

good evening my man how you doing

735

00:36:36,069 --> 00:36:33,599

mr church happy manifestation day yeah

736

00:36:38,150 --> 00:36:36,079

you caught that and and you know what i

737

00:36:42,069 --> 00:36:38,160

manifested earlier

738

00:36:43,990 --> 00:36:42,079

i wanted a black cat to walk in front of

739

00:36:46,390 --> 00:36:44,000

me

740

00:36:48,630 --> 00:36:46,400

you got it i got i have my cat in black

741

00:36:49,910 --> 00:36:48,640

here that is absolutely what's your

742

00:36:52,520 --> 00:36:49,920

cat's name

743

00:36:56,230 --> 00:36:52,530

sadie sadie and

744

00:36:58,150 --> 00:36:56,240

[Laughter]

745

00:37:00,630 --> 00:36:58,160

sadie knows her name

746

00:37:04,150 --> 00:37:00,640

yes she does that was hilarious she

747

00:37:07,670 --> 00:37:05,750

that was incredible okay i'm gonna let

748

00:37:10,710 --> 00:37:07,680

that go that was too weird that was too

749

00:37:13,270 --> 00:37:10,720

weird hey uh paul as um

750

00:37:15,910 --> 00:37:13,280

as you know manifesting and i'm glad

751  
00:37:17,829 --> 00:37:15,920  
that you brought that up because i like

752  
00:37:20,950 --> 00:37:17,839  
to manifest with you

753  
00:37:23,270 --> 00:37:20,960  
and but but it's not what you may think

754  
00:37:26,790 --> 00:37:23,280  
it i believe

755  
00:37:29,430 --> 00:37:26,800  
that if you want to change your life you

756  
00:37:32,470 --> 00:37:29,440  
need to hang out with positive people

757  
00:37:35,589 --> 00:37:32,480  
who are winners that want to move

758  
00:37:37,270 --> 00:37:35,599  
forward that are great to be around

759  
00:37:40,390 --> 00:37:37,280  
and and that's what you do if you want

760  
00:37:42,470 --> 00:37:40,400  
to manifest that's step number one

761  
00:37:44,550 --> 00:37:42,480  
you are one of those people

762  
00:37:46,710 --> 00:37:44,560  
people should hang out with you

763  
00:37:48,870 --> 00:37:46,720

because you glow

764

00:37:51,190 --> 00:37:48,880

do you agree with that and and part of

765

00:37:52,150 --> 00:37:51,200

your personality and who you are is that

766

00:37:54,790 --> 00:37:52,160

because

767

00:37:57,349 --> 00:37:54,800

of your friends and your network and and

768

00:37:59,190 --> 00:37:57,359

what is around you

769

00:38:01,910 --> 00:37:59,200

well thank you you say the sweetest

770

00:38:04,630 --> 00:38:01,920

things uh if i glow it's probably

771

00:38:07,349 --> 00:38:04,640

because my family has a summer cabin

772

00:38:09,750 --> 00:38:07,359

near the uranium capital of the world in

773

00:38:11,349 --> 00:38:09,760

ontario

774

00:38:12,470 --> 00:38:11,359

and that's exactly what i'm talking

775

00:38:13,829 --> 00:38:12,480

about

776

00:38:18,069 --> 00:38:13,839

right there

777

00:38:20,310 --> 00:38:18,079

everything you can to keep from laughing

778

00:38:22,470 --> 00:38:20,320

you've got the you've got the serious

779

00:38:25,510 --> 00:38:22,480

face on but that's exactly what i'm

780

00:38:27,750 --> 00:38:25,520

talking about and and i think that that

781

00:38:29,510 --> 00:38:27,760

is is very important

782

00:38:31,430 --> 00:38:29,520

and and

783

00:38:33,109 --> 00:38:31,440

if you surround yourself with

784

00:38:37,349 --> 00:38:33,119

positiveness

785

00:38:40,790 --> 00:38:37,359

you're going to get that back right

786

00:38:42,950 --> 00:38:40,800

you know you hope so um

787

00:38:44,870 --> 00:38:42,960

karma's a pretty funny thing and it

788

00:38:47,829 --> 00:38:44,880

doesn't always operate on the time frame

789

00:38:49,109 --> 00:38:47,839

that you can ascribe immediate causality

790

00:38:52,230 --> 00:38:49,119

to so

791

00:38:54,630 --> 00:38:52,240

yeah let's just say sure you betcha now

792

00:38:58,230 --> 00:38:54,640

um in your world we're gonna be talking

793

00:39:02,310 --> 00:38:58,240

about uh bitcoin and and ufos tonight

794

00:39:04,310 --> 00:39:02,320

um i want your opinion on something

795

00:39:07,430 --> 00:39:04,320

are you

796

00:39:10,230 --> 00:39:07,440

a determinist

797

00:39:13,349 --> 00:39:10,240

or are you on the freewill side of the

798

00:39:18,150 --> 00:39:15,190

that's a good question and first please

799

00:39:21,670 --> 00:39:18,160

let me dispel your confusion yes i am

800

00:39:23,589 --> 00:39:21,680

still a professor at pepperdine um

801  
00:39:25,190 --> 00:39:23,599  
in terms of free will

802  
00:39:27,190 --> 00:39:25,200  
you know i

803  
00:39:29,589 --> 00:39:27,200  
by and large believe in free will but

804  
00:39:32,150 --> 00:39:29,599  
i'm working on a paper

805  
00:39:34,630 --> 00:39:32,160  
and the working title is

806  
00:39:36,630 --> 00:39:34,640  
so you're afraid the computers will take

807  
00:39:38,470 --> 00:39:36,640  
over

808  
00:39:39,510 --> 00:39:38,480  
don't worry they won't

809  
00:39:41,270 --> 00:39:39,520  
and

810  
00:39:43,510 --> 00:39:41,280  
by the way you never had free will to

811  
00:39:46,870 --> 00:39:43,520  
begin with right

812  
00:39:48,390 --> 00:39:46,880  
and and can you okay can you mix the two

813  
00:39:50,470 --> 00:39:48,400

worlds

814

00:39:52,390 --> 00:39:50,480

yeah so in terms and you know we've

815

00:39:54,150 --> 00:39:52,400

talked before about ai and my feeling

816

00:39:57,190 --> 00:39:54,160

that people get

817

00:39:58,470 --> 00:39:57,200

you know all hung up and afraid about

818

00:40:01,109 --> 00:39:58,480

a potential

819

00:40:02,630 --> 00:40:01,119

existential extinction event when the

820

00:40:05,430 --> 00:40:02,640

computers take over

821

00:40:07,910 --> 00:40:05,440

i'm far less concerned about the future

822

00:40:11,190 --> 00:40:07,920

of artificial intelligence than i am

823

00:40:13,430 --> 00:40:11,200

about the present of human stupidity we

824

00:40:14,950 --> 00:40:13,440

might not even make it until the matrix

825

00:40:17,990 --> 00:40:14,960

we're crying out loud

826

00:40:18,950 --> 00:40:18,000

now as for free will it's an interesting

827

00:40:21,190 --> 00:40:18,960

so i don't

828

00:40:22,710 --> 00:40:21,200

but i'm on the ray kurzweil side that i

829

00:40:24,550 --> 00:40:22,720

don't think that

830

00:40:26,710 --> 00:40:24,560

when computers wake up and i think it's

831

00:40:28,630 --> 00:40:26,720

actually more of us with increasing

832

00:40:31,030 --> 00:40:28,640

machine capabilities because the

833

00:40:32,710 --> 00:40:31,040

consciousness is the hard part we will

834

00:40:34,630 --> 00:40:32,720

sort of merge with them to the extent

835

00:40:37,750 --> 00:40:34,640

that we want to so i don't view it as an

836

00:40:39,829 --> 00:40:37,760

extinction event but as for free will

837

00:40:41,589 --> 00:40:39,839

i'm not that much of a determinist or

838

00:40:44,550 --> 00:40:41,599

fatalist but there are a couple things

839

00:40:46,470 --> 00:40:44,560

that sort of erode what i think are our

840

00:40:49,349 --> 00:40:46,480

cherished ideas especially in the west

841

00:40:51,589 --> 00:40:49,359

of like individual freedom right one is

842

00:40:52,790 --> 00:40:51,599

the increasing awareness

843

00:40:55,670 --> 00:40:52,800

of the

844

00:40:57,430 --> 00:40:55,680

influence of our microbiome on our

845

00:40:58,710 --> 00:40:57,440

behaviors

846

00:41:00,550 --> 00:40:58,720

there are reports coming out all the

847

00:41:02,790 --> 00:41:00,560

time about how

848

00:41:05,270 --> 00:41:02,800

strong that impact is

849

00:41:07,430 --> 00:41:05,280

and the other one is there's a

850

00:41:09,910 --> 00:41:07,440

a tract written by sam harris the

851  
00:41:11,589 --> 00:41:09,920  
brilliant neuroscientist from ucla

852  
00:41:13,430 --> 00:41:11,599  
called free will

853  
00:41:14,550 --> 00:41:13,440  
and he talks about various experiments

854  
00:41:16,470 --> 00:41:14,560  
such as

855  
00:41:19,589 --> 00:41:16,480  
one that's been replicated several times

856  
00:41:21,670 --> 00:41:19,599  
where you have an ekg and the

857  
00:41:23,430 --> 00:41:21,680  
the subject is asked to press the blue

858  
00:41:26,870 --> 00:41:23,440  
button or the red button

859  
00:41:29,190 --> 00:41:26,880  
the ekg picks up the chemical signal of

860  
00:41:31,829 --> 00:41:29,200  
which button they're going to press

861  
00:41:32,870 --> 00:41:31,839  
before the person is consciously aware

862  
00:41:34,470 --> 00:41:32,880  
that's right

863  
00:41:36,870 --> 00:41:34,480

and then consciousness is sort of

864

00:41:39,109 --> 00:41:36,880

brought in as a plus one at the last

865

00:41:41,190 --> 00:41:39,119

second to feel like it's part of it but

866

00:41:43,990 --> 00:41:41,200

may not have had agency

867

00:41:46,710 --> 00:41:44,000

so what that indicates is that

868

00:41:48,550 --> 00:41:46,720

it's not so much our consciousness

869

00:41:50,950 --> 00:41:48,560

determining things but there is not only

870

00:41:53,030 --> 00:41:50,960

the microbiome but a sort of a chemical

871

00:41:55,270 --> 00:41:53,040

basis for our behaviors

872

00:41:59,589 --> 00:41:55,280

the other thing that sam harris says is

873

00:42:02,550 --> 00:41:59,599

try to predict your next thought

874

00:42:05,270 --> 00:42:02,560

you you can't it just comes to you now i

875

00:42:06,550 --> 00:42:05,280

think that these thoughts come from a

876

00:42:09,510 --> 00:42:06,560

pool

877

00:42:11,349 --> 00:42:09,520

influenced by your prior actions so i

878

00:42:14,069 --> 00:42:11,359

don't think that we all just one big

879

00:42:16,470 --> 00:42:14,079

chemical bacterial bag that has no

880

00:42:19,270 --> 00:42:16,480

choice over our thing over our actions

881

00:42:21,270 --> 00:42:19,280

but it's not quite as a hundred percent

882

00:42:23,190 --> 00:42:21,280

free as i think we might like to believe

883

00:42:26,710 --> 00:42:23,200

and that's where i stand and then and

884

00:42:27,589 --> 00:42:26,720

then let's go in another direction same

885

00:42:31,510 --> 00:42:27,599

thought

886

00:42:33,270 --> 00:42:31,520

right and probably the same uh answer

887

00:42:34,309 --> 00:42:33,280

which is this

888

00:42:37,190 --> 00:42:34,319

if

889

00:42:41,109 --> 00:42:37,200

we believe in predicting the future

890

00:42:43,190 --> 00:42:41,119

or time travel or even deja vu

891

00:42:46,150 --> 00:42:43,200

right

892

00:42:47,750 --> 00:42:46,160

there is no free will involved

893

00:42:50,390 --> 00:42:47,760

you can't

894

00:42:52,470 --> 00:42:50,400

change the future

895

00:42:54,069 --> 00:42:52,480

right if it's if somebody's going to say

896

00:42:55,589 --> 00:42:54,079

you're going to do this and you're going

897

00:42:58,230 --> 00:42:55,599

to do this and

898

00:42:59,510 --> 00:42:58,240

so what i don't have free will not to do

899

00:43:03,030 --> 00:42:59,520

that now

900

00:43:04,710 --> 00:43:03,040

so and then at the same time

901  
00:43:07,190 --> 00:43:04,720  
when somebody suggests something like

902  
00:43:08,950 --> 00:43:07,200  
that they do believe in free will and

903  
00:43:10,870 --> 00:43:08,960  
but they're not catching

904  
00:43:12,630 --> 00:43:10,880  
their thought process they're not

905  
00:43:14,550 --> 00:43:12,640  
catching the words that are coming out

906  
00:43:15,829 --> 00:43:14,560  
of their mouth that you can't have it

907  
00:43:17,990 --> 00:43:15,839  
both ways

908  
00:43:22,630 --> 00:43:18,000  
right and and so

909  
00:43:23,990 --> 00:43:22,640  
uh it's it's uh it's a paradox isn't it

910  
00:43:26,550 --> 00:43:24,000  
yeah that's a lot of big words i don't

911  
00:43:29,910 --> 00:43:26,560  
know um but it just gets really kind of

912  
00:43:32,069 --> 00:43:29,920  
convoluted and usher-like i it just it

913  
00:43:34,790 --> 00:43:32,079

just hurts my brain to think about that

914

00:43:37,589 --> 00:43:34,800

yeah yeah exactly so do we have free

915

00:43:40,230 --> 00:43:37,599

will and then there's another sam harris

916

00:43:41,349 --> 00:43:40,240

uh i love talking about sam because he's

917

00:43:44,550 --> 00:43:41,359

somebody that

918

00:43:47,109 --> 00:43:44,560

i agree with most of the time and then

919

00:43:49,990 --> 00:43:47,119

it's that other 25 i just want to grab

920

00:43:53,990 --> 00:43:50,000

him by the throat and shake him right so

921

00:43:55,430 --> 00:43:54,000

but uh but there's one thing that i find

922

00:43:56,710 --> 00:43:55,440

interesting

923

00:43:59,109 --> 00:43:56,720

that

924

00:44:00,630 --> 00:43:59,119

chemicals particles

925

00:44:03,430 --> 00:44:00,640

math

926  
00:44:05,589 --> 00:44:03,440  
are going to combine

927  
00:44:09,510 --> 00:44:05,599  
at a moment in time

928  
00:44:11,910 --> 00:44:09,520  
and will continue to do that

929  
00:44:14,309 --> 00:44:11,920  
and you can't interfere with it and if

930  
00:44:15,670 --> 00:44:14,319  
we take that to from the micro to the

931  
00:44:16,550 --> 00:44:15,680  
macro

932  
00:44:19,270 --> 00:44:16,560  
well

933  
00:44:21,190 --> 00:44:19,280  
everything is going to happen in the way

934  
00:44:24,790 --> 00:44:21,200  
that it is going to happen because of

935  
00:44:26,309 --> 00:44:24,800  
math and is it is it like getting into

936  
00:44:29,349 --> 00:44:26,319  
some type of

937  
00:44:31,270 --> 00:44:29,359  
determined viewpoint

938  
00:44:32,309 --> 00:44:31,280

um almost

939

00:44:34,390 --> 00:44:32,319

in that

940

00:44:35,430 --> 00:44:34,400

the universe built itself the way that

941

00:44:38,230 --> 00:44:35,440

it did

942

00:44:40,870 --> 00:44:38,240

and continues to evolve

943

00:44:43,270 --> 00:44:40,880

mathematically and because of chemistry

944

00:44:45,870 --> 00:44:43,280

so does that mean that our lives are

945

00:44:48,309 --> 00:44:45,880

part of that chemistry and part of that

946

00:44:50,630 --> 00:44:48,319

electromagnetism and gravity that

947

00:44:53,349 --> 00:44:50,640

everything is inevitable that you can't

948

00:44:55,990 --> 00:44:53,359

really have free will so i don't know

949

00:44:57,750 --> 00:44:56,000

and and even that was determined right

950

00:45:00,230 --> 00:44:57,760

everything that i just said and i tried

951  
00:45:01,430 --> 00:45:00,240  
not to say it i tried to stop myself and

952  
00:45:02,470 --> 00:45:01,440  
i couldn't

953  
00:45:06,069 --> 00:45:02,480  
well

954  
00:45:09,109 --> 00:45:06,079  
being is how as likely as not we're all

955  
00:45:11,349 --> 00:45:09,119  
non-player characters in a simulation

956  
00:45:13,349 --> 00:45:11,359  
anyways let's not get all bent out of

957  
00:45:14,550 --> 00:45:13,359  
shape about losing our precious notion

958  
00:45:15,990 --> 00:45:14,560  
of free will

959  
00:45:17,670 --> 00:45:16,000  
now if

960  
00:45:19,190 --> 00:45:17,680  
let's let's take it one step further and

961  
00:45:20,630 --> 00:45:19,200  
then we're going to get to a bitcoin and

962  
00:45:24,870 --> 00:45:20,640  
ufos

963  
00:45:27,589 --> 00:45:24,880

if we are in a simulation

964

00:45:29,430 --> 00:45:27,599

which is something that is very possible

965

00:45:30,790 --> 00:45:29,440

right and we're in a ones and zeros

966

00:45:32,870 --> 00:45:30,800

environment

967

00:45:34,630 --> 00:45:32,880

when we

968

00:45:40,309 --> 00:45:34,640

dream

969

00:45:42,870 --> 00:45:40,319

non-player characters our npcs

970

00:45:44,550 --> 00:45:42,880

are now dreaming in the simulation and

971

00:45:46,950 --> 00:45:44,560

take it a step further

972

00:45:50,550 --> 00:45:46,960

when we go into

973

00:45:52,230 --> 00:45:50,560

an ar augmented reality with

974

00:45:54,790 --> 00:45:52,240

with goggles on

975

00:45:57,190 --> 00:45:54,800

now we're in a simulation inside of a

976  
00:45:59,030 --> 00:45:57,200  
simulation

977  
00:46:02,309 --> 00:45:59,040  
it doesn't make any sense and it gets a

978  
00:46:05,750 --> 00:46:03,910  
okay

979  
00:46:07,190 --> 00:46:05,760  
right

980  
00:46:08,950 --> 00:46:07,200  
yeah i mean

981  
00:46:12,710 --> 00:46:08,960  
it's

982  
00:46:15,030 --> 00:46:12,720  
universe or what's past the edge of the

983  
00:46:17,589 --> 00:46:15,040  
south pole in the pizza world of the

984  
00:46:20,870 --> 00:46:17,599  
flat earthers right yes

985  
00:46:23,910 --> 00:46:20,880  
yes i don't know yeah and it keeps going

986  
00:46:26,630 --> 00:46:23,920  
it does it just keeps going yeah so then

987  
00:46:29,430 --> 00:46:26,640  
then you could upload your consciousness

988  
00:46:31,990 --> 00:46:29,440

onto a hard drive in a simulated

989

00:46:33,030 --> 00:46:32,000

universe and then there on the hard

990

00:46:35,270 --> 00:46:33,040

drive

991

00:46:37,430 --> 00:46:35,280

you play a video game

992

00:46:39,829 --> 00:46:37,440

that is simulated and it just keeps

993

00:46:42,390 --> 00:46:39,839

going it keeps going and going and you

994

00:46:43,829 --> 00:46:42,400

know where where would it stop i like

995

00:46:46,630 --> 00:46:43,839

that kind of morning

996

00:46:48,550 --> 00:46:46,640

zoo dj voice you you took on there

997

00:46:50,710 --> 00:46:48,560

you know i think in the real world we'll

998

00:46:52,550 --> 00:46:50,720

be able to upload

999

00:46:54,790 --> 00:46:52,560

whatever you call

1000

00:46:57,430 --> 00:46:54,800

consciousness soul

1001  
00:46:59,510 --> 00:46:57,440  
memory creator etc and you know ray

1002  
00:47:02,230 --> 00:46:59,520  
kurzweil to mention him again

1003  
00:47:04,870 --> 00:47:02,240  
he's he's really mapped out a very good

1004  
00:47:07,030 --> 00:47:04,880  
road map to how that all happens

1005  
00:47:09,750 --> 00:47:07,040  
and how would it happen

1006  
00:47:12,550 --> 00:47:09,760  
would it be part of the memory upload is

1007  
00:47:13,430 --> 00:47:12,560  
it just that all particles

1008  
00:47:14,950 --> 00:47:13,440  
you know

1009  
00:47:16,710 --> 00:47:14,960  
in the universe have a little piece of

1010  
00:47:19,030 --> 00:47:16,720  
consciousness in it and so on that

1011  
00:47:20,630 --> 00:47:19,040  
computer chip the more you accumulate

1012  
00:47:22,549 --> 00:47:20,640  
and the more data that comes in the

1013  
00:47:25,829 --> 00:47:22,559

consciousness is built

1014

00:47:28,309 --> 00:47:25,839

or is it transferred over and would that

1015

00:47:31,109 --> 00:47:28,319

consciousness be the same

1016

00:47:32,950 --> 00:47:31,119

as you or would it be a new one yeah

1017

00:47:35,190 --> 00:47:32,960

yeah or would it be a

1018

00:47:38,390 --> 00:47:35,200

like a one a of you yeah i think of it

1019

00:47:40,950 --> 00:47:38,400

this way the memories go on a hard drive

1020

00:47:43,270 --> 00:47:40,960

what creates the memories is your ram if

1021

00:47:45,589 --> 00:47:43,280

you want to use the computer analogy

1022

00:47:47,750 --> 00:47:45,599

the putting the memories on a hard drive

1023

00:47:50,870 --> 00:47:47,760

is already difficult enough

1024

00:47:53,349 --> 00:47:50,880

but capturing that active engine that

1025

00:47:56,230 --> 00:47:53,359

creates them your personality however

1026  
00:47:58,630 --> 00:47:56,240  
chemical and microbiome it might be

1027  
00:47:59,829 --> 00:47:58,640  
is a is orders of magnitude more

1028  
00:48:00,950 --> 00:47:59,839  
difficult

1029  
00:48:03,270 --> 00:48:00,960  
but

1030  
00:48:05,589 --> 00:48:03,280  
i believe especially since i'm a radical

1031  
00:48:07,589 --> 00:48:05,599  
life extensionist we could talk about

1032  
00:48:09,829 --> 00:48:07,599  
that if you want i believe that will

1033  
00:48:11,829 --> 00:48:09,839  
happen in the lifetimes of many of us

1034  
00:48:14,309 --> 00:48:11,839  
and i think at that point

1035  
00:48:15,589 --> 00:48:14,319  
we will achieve since we may well have

1036  
00:48:17,589 --> 00:48:15,599  
backups

1037  
00:48:19,670 --> 00:48:17,599  
which introduces a whole another host of

1038  
00:48:22,630 --> 00:48:19,680

issues and there's a great episode on

1039

00:48:25,349 --> 00:48:22,640

black mirror called the uss callister

1040

00:48:28,150 --> 00:48:25,359

that went into the dark side of

1041

00:48:30,069 --> 00:48:28,160

backing up your

1042

00:48:32,309 --> 00:48:30,079

consciousness let's call it

1043

00:48:34,790 --> 00:48:32,319

we are going to face those decisions

1044

00:48:36,309 --> 00:48:34,800

within the next 30 40 years

1045

00:48:39,829 --> 00:48:36,319

and do

1046

00:48:42,470 --> 00:48:39,839

will it be something that we understand

1047

00:48:44,710 --> 00:48:42,480

and i'm talking about the process or is

1048

00:48:46,790 --> 00:48:44,720

it possible that the process will be

1049

00:48:49,270 --> 00:48:46,800

something that we don't understand

1050

00:48:52,710 --> 00:48:49,280

but the consciousness transfer just

1051

00:48:55,430 --> 00:48:53,670

yes

1052

00:48:58,150 --> 00:48:55,440

yeah

1053

00:49:01,510 --> 00:48:58,160

you know it's it's i mean those are

1054

00:49:02,549 --> 00:49:01,520

those are post singularity events right

1055

00:49:04,870 --> 00:49:02,559

and you know

1056

00:49:08,710 --> 00:49:04,880

singularity means an event horizon

1057

00:49:10,470 --> 00:49:08,720

beyond which we don't understand and so

1058

00:49:11,670 --> 00:49:10,480

it's those are just mind-bending

1059

00:49:14,069 --> 00:49:11,680

questions but

1060

00:49:16,470 --> 00:49:14,079

you know the bottom line for me

1061

00:49:18,630 --> 00:49:16,480

in thinking about uploading

1062

00:49:21,349 --> 00:49:18,640

consciousness or lifespan

1063

00:49:22,390 --> 00:49:21,359

is that we are the generation on the

1064

00:49:25,829 --> 00:49:22,400

culp

1065

00:49:28,309 --> 00:49:25,839

of what i call lifetime escape velocity

1066

00:49:30,710 --> 00:49:28,319

where with personalized medicine and all

1067

00:49:32,950 --> 00:49:30,720

these other you know thymol regeneration

1068

00:49:34,150 --> 00:49:32,960

which is what i'm doing and other

1069

00:49:37,589 --> 00:49:34,160

techniques

1070

00:49:41,750 --> 00:49:37,599

you can actually age chronologically but

1071

00:49:44,470 --> 00:49:41,760

get younger in a systemic methylation

1072

00:49:47,109 --> 00:49:44,480

uh on a methylation level you can get

1073

00:49:48,790 --> 00:49:47,119

younger biologically each day

1074

00:49:50,630 --> 00:49:48,800

now you can still get hit by a bus or

1075

00:49:52,790 --> 00:49:50,640

have something else happen to you so

1076

00:49:53,589 --> 00:49:52,800

until you have that backup

1077

00:49:56,150 --> 00:49:53,599

you're

1078

00:49:58,549 --> 00:49:56,160

immortal with a lowercase i but once

1079

00:50:00,470 --> 00:49:58,559

you've got a backup and it's redundant

1080

00:50:01,750 --> 00:50:00,480

and it's in your own

1081

00:50:03,109 --> 00:50:01,760

consciousness

1082

00:50:05,190 --> 00:50:03,119

cold wallet

1083

00:50:07,270 --> 00:50:05,200

then you're immortal

1084

00:50:11,430 --> 00:50:07,280

how much how much hard drive space are

1085

00:50:14,630 --> 00:50:12,470

i would say

1086

00:50:16,069 --> 00:50:14,640

well i mean look at the brain um

1087

00:50:17,270 --> 00:50:16,079

you know they've already figured out the

1088

00:50:19,349 --> 00:50:17,280

number of

1089

00:50:21,829 --> 00:50:19,359

neurons and

1090

00:50:22,790 --> 00:50:21,839

the sort of processing capacity of the

1091

00:50:25,349 --> 00:50:22,800

brain

1092

00:50:27,589 --> 00:50:25,359

and we've got computers that can process

1093

00:50:29,829 --> 00:50:27,599

faster than the brain right now you know

1094

00:50:32,230 --> 00:50:29,839

um they're very narrow in focus and they

1095

00:50:33,589 --> 00:50:32,240

don't have like the pattern matching and

1096

00:50:35,829 --> 00:50:33,599

the things like that that the brain

1097

00:50:37,670 --> 00:50:35,839

brings a sort of richness of that

1098

00:50:40,069 --> 00:50:37,680

tapestry of human

1099

00:50:41,430 --> 00:50:40,079

you know species and individual behavior

1100

00:50:44,630 --> 00:50:41,440

and personality

1101  
00:50:46,870 --> 00:50:44,640  
but in terms of just the

1102  
00:50:49,510 --> 00:50:46,880  
the capacity to store memories that's

1103  
00:50:51,270 --> 00:50:49,520  
not really a lot

1104  
00:50:54,390 --> 00:50:51,280  
so

1105  
00:50:57,030 --> 00:50:54,400  
again give me an idea what would you

1106  
00:50:59,750 --> 00:50:57,040  
what would you do 2.5 terabytes 2.5

1107  
00:51:01,270 --> 00:50:59,760  
terabytes okay not it's not too terribly

1108  
00:51:02,549 --> 00:51:01,280  
ginormous

1109  
00:51:04,710 --> 00:51:02,559  
there's um

1110  
00:51:05,990 --> 00:51:04,720  
there's one thing

1111  
00:51:07,910 --> 00:51:06,000  
that

1112  
00:51:09,349 --> 00:51:07,920  
maybe

1113  
00:51:11,030 --> 00:51:09,359

if we get to

1114

00:51:13,430 --> 00:51:11,040

uh

1115

00:51:15,750 --> 00:51:13,440

an artificial general intelligence level

1116

00:51:16,790 --> 00:51:15,760

this could come into play

1117

00:51:18,549 --> 00:51:16,800

but

1118

00:51:21,589 --> 00:51:18,559

let's say

1119

00:51:23,430 --> 00:51:21,599

i like blue cars

1120

00:51:24,790 --> 00:51:23,440

now

1121

00:51:27,430 --> 00:51:24,800

maybe

1122

00:51:30,630 --> 00:51:27,440

that artificial general intelligence

1123

00:51:33,270 --> 00:51:30,640

will be able to understand that and and

1124

00:51:34,829 --> 00:51:33,280

pick me out my next blue car

1125

00:51:38,230 --> 00:51:34,839

but they don't know

1126  
00:51:39,670 --> 00:51:38,240  
why right and it could be my experience

1127  
00:51:42,069 --> 00:51:39,680  
when i was five years old and my

1128  
00:51:43,990 --> 00:51:42,079  
neighbor had a blue car or whatever you

1129  
00:51:45,510 --> 00:51:44,000  
know and i'm talking about blue cars but

1130  
00:51:48,069 --> 00:51:45,520  
it could be anything

1131  
00:51:50,630 --> 00:51:48,079  
of a personal emotional thing that

1132  
00:51:51,510 --> 00:51:50,640  
happened in the distant past that would

1133  
00:51:53,030 --> 00:51:51,520  
have

1134  
00:51:55,109 --> 00:51:53,040  
nothing to do

1135  
00:51:56,710 --> 00:51:55,119  
with machine learning

1136  
00:51:59,670 --> 00:51:56,720  
right and isn't that something that

1137  
00:52:00,950 --> 00:51:59,680  
would always be missing from

1138  
00:52:03,190 --> 00:52:00,960

uh

1139

00:52:09,750 --> 00:52:03,200

agi

1140

00:52:11,109 --> 00:52:09,760

it's beyond human capabilities and

1141

00:52:13,190 --> 00:52:11,119

what you're talking about there's a very

1142

00:52:15,910 --> 00:52:13,200

interesting example jimmy so yes so

1143

00:52:18,470 --> 00:52:15,920

let's say that this agi has access to

1144

00:52:20,549 --> 00:52:18,480

all your memories and it knows okay you

1145

00:52:23,349 --> 00:52:20,559

were super impressed you saw

1146

00:52:24,150 --> 00:52:23,359

a blue chevy caprice when you're a kid

1147

00:52:26,309 --> 00:52:24,160

okay

1148

00:52:29,270 --> 00:52:26,319

now it's one thing to have that memory

1149

00:52:31,829 --> 00:52:29,280

the next level is to understand the

1150

00:52:32,549 --> 00:52:31,839

tagging that your brain associated with

1151

00:52:35,430 --> 00:52:32,559

that

1152

00:52:38,150 --> 00:52:35,440

the level of emotional impact

1153

00:52:39,510 --> 00:52:38,160

the importance you know how it affected

1154

00:52:42,230 --> 00:52:39,520

you overall

1155

00:52:44,390 --> 00:52:42,240

and weighing that against other options

1156

00:52:46,309 --> 00:52:44,400

you know hey most of your clothes are

1157

00:52:48,630 --> 00:52:46,319

gray

1158

00:52:51,349 --> 00:52:48,640

your house is this color and sort of

1159

00:52:54,710 --> 00:52:51,359

weighing the relevance of all the data

1160

00:52:57,109 --> 00:52:54,720

points and wait and waiting them

1161

00:52:59,190 --> 00:52:57,119

as a you know also

1162

00:53:01,670 --> 00:52:59,200

understanding hey is there a general

1163

00:53:04,390 --> 00:53:01,680

rule for more recent ones take primacy

1164

00:53:05,589 --> 00:53:04,400

over older ones there's a whole lot of

1165

00:53:08,309 --> 00:53:05,599

sort of

1166

00:53:11,109 --> 00:53:08,319

of expert choice that you need to put

1167

00:53:12,309 --> 00:53:11,119

into that to sort of understand and then

1168

00:53:14,309 --> 00:53:12,319

also

1169

00:53:16,390 --> 00:53:14,319

you know agi

1170

00:53:19,430 --> 00:53:16,400

also sort of presumes the ability to

1171

00:53:22,710 --> 00:53:19,440

learn by itself and to see how you make

1172

00:53:23,750 --> 00:53:22,720

choices and over time to say hey this

1173

00:53:25,589 --> 00:53:23,760

guy

1174

00:53:27,510 --> 00:53:25,599

really likes things from that point in

1175

00:53:29,750 --> 00:53:27,520

his childhood before you know things

1176

00:53:32,309 --> 00:53:29,760

went to hell in the handbasket okay

1177

00:53:34,630 --> 00:53:32,319

let's stick with those until we see that

1178

00:53:37,349 --> 00:53:34,640

he refuses that and then we'll sort of

1179

00:53:39,990 --> 00:53:37,359

revise the algorithm right which is uh

1180

00:53:42,230 --> 00:53:40,000

which is a yes or no

1181

00:53:45,430 --> 00:53:42,240

machine learning situation right what

1182

00:53:48,150 --> 00:53:45,440

about the emotion the the the smell the

1183

00:53:49,829 --> 00:53:48,160

taste the the dopamine

1184

00:53:51,030 --> 00:53:49,839

things that

1185

00:53:52,790 --> 00:53:51,040

that happen

1186

00:53:55,589 --> 00:53:52,800

right here's another kind of twist on

1187

00:53:57,750 --> 00:53:55,599

that okay so the agi let's say it's

1188

00:53:59,190 --> 00:53:57,760

hooked it's either embedded in you or

1189

00:54:00,950 --> 00:53:59,200

hooked up to you

1190

00:54:03,670 --> 00:54:00,960

via a super

1191

00:54:06,150 --> 00:54:03,680

high tech brain computer interface

1192

00:54:08,630 --> 00:54:06,160

let's say that agi

1193

00:54:10,230 --> 00:54:08,640

it's smart enough to not just say hey

1194

00:54:11,109 --> 00:54:10,240

let's try out the blue car see if that

1195

00:54:13,349 --> 00:54:11,119

works

1196

00:54:15,510 --> 00:54:13,359

no what it will do

1197

00:54:17,510 --> 00:54:15,520

it will send a chemical signal to your

1198

00:54:19,589 --> 00:54:17,520

brain of a blue car

1199

00:54:21,510 --> 00:54:19,599

and operating on that chemical level and

1200

00:54:23,670 --> 00:54:21,520

maybe with a handshake and a tip of the

1201  
00:54:25,670 --> 00:54:23,680  
hat to the microbiome as well

1202  
00:54:28,150 --> 00:54:25,680  
it floats a

1203  
00:54:31,190 --> 00:54:28,160  
subconscious trial balloon

1204  
00:54:33,190 --> 00:54:31,200  
to your chemistry of a blue car your

1205  
00:54:34,470 --> 00:54:33,200  
chemistry responds hey yeah yeah yeah we

1206  
00:54:36,950 --> 00:54:34,480  
like that

1207  
00:54:38,950 --> 00:54:36,960  
then it presents that choice to you for

1208  
00:54:40,630 --> 00:54:38,960  
perhaps final approval or maybe it's

1209  
00:54:43,109 --> 00:54:40,640  
already a fat accompli because the

1210  
00:54:45,670 --> 00:54:43,119  
chemistry and the bacteria are on board

1211  
00:54:47,510 --> 00:54:45,680  
with the blue car now is is that is

1212  
00:54:49,910 --> 00:54:47,520  
there a day

1213  
00:54:52,870 --> 00:54:49,920

when that could happen

1214

00:54:54,710 --> 00:54:52,880

faster than our natural brain doing the

1215

00:54:56,789 --> 00:54:54,720

same process

1216

00:55:00,230 --> 00:54:56,799

absolutely because the one thing about

1217

00:55:02,630 --> 00:55:00,240

computers is they are super fast so

1218

00:55:05,190 --> 00:55:02,640

whatever they can do they can do very

1219

00:55:07,270 --> 00:55:05,200

fast it's more of the breadth of what

1220

00:55:09,990 --> 00:55:07,280

they can't do they don't understand

1221

00:55:12,789 --> 00:55:10,000

things that aren't easily reducible but

1222

00:55:14,710 --> 00:55:12,799

once they know what to do

1223

00:55:15,910 --> 00:55:14,720

they can do it already fast enough and

1224

00:55:17,990 --> 00:55:15,920

they're just going to get faster and

1225

00:55:20,710 --> 00:55:18,000

faster so

1226

00:55:22,870 --> 00:55:20,720

this is where we switch to ufos for a

1227

00:55:25,829 --> 00:55:22,880

second and then when we come back we'll

1228

00:55:27,190 --> 00:55:25,839

we'll we'll get into bitcoin directly

1229

00:55:29,030 --> 00:55:27,200

e.t

1230

00:55:31,670 --> 00:55:29,040

being more advanced than us if they're

1231

00:55:33,510 --> 00:55:31,680

getting here right of course

1232

00:55:35,109 --> 00:55:33,520

understands this

1233

00:55:38,390 --> 00:55:35,119

they must

1234

00:55:40,230 --> 00:55:38,400

that they are they are way beyond agi is

1235

00:55:43,190 --> 00:55:40,240

what i'm suggesting here

1236

00:55:44,470 --> 00:55:43,200

and and they understand this and they

1237

00:55:45,910 --> 00:55:44,480

must be

1238

00:55:47,589 --> 00:55:45,920

in an a.i

1239

00:55:50,309 --> 00:55:47,599

uh uh

1240

00:55:56,150 --> 00:55:53,430

well think of agis alien general

1241

00:55:57,270 --> 00:55:56,160

intelligence or alien super intelligence

1242

00:55:58,150 --> 00:55:57,280

and

1243

00:55:59,750 --> 00:55:58,160

also

1244

00:56:03,270 --> 00:55:59,760

you know are they

1245

00:56:05,430 --> 00:56:03,280

what we would call purely biological

1246

00:56:06,390 --> 00:56:05,440

sentient beings or have they had some

1247

00:56:07,910 --> 00:56:06,400

type of

1248

00:56:10,470 --> 00:56:07,920

merger with

1249

00:56:11,430 --> 00:56:10,480

an artificial intelligence of their own

1250

00:56:13,589 --> 00:56:11,440

so

1251  
00:56:15,190 --> 00:56:13,599  
they may well either through a brain

1252  
00:56:16,710 --> 00:56:15,200  
computer interface

1253  
00:56:18,950 --> 00:56:16,720  
tap into

1254  
00:56:20,390 --> 00:56:18,960  
a super powerful

1255  
00:56:22,870 --> 00:56:20,400  
algorithmic

1256  
00:56:24,789 --> 00:56:22,880  
soup or they may have that embedded in

1257  
00:56:27,510 --> 00:56:24,799  
them and they may not see a difference

1258  
00:56:28,950 --> 00:56:27,520  
between them but you have to think and

1259  
00:56:30,950 --> 00:56:28,960  
let's call them meta-terrestrial so

1260  
00:56:32,470 --> 00:56:30,960  
we're not just only extraterrestrial

1261  
00:56:34,309 --> 00:56:32,480  
right sure maybe another planet maybe

1262  
00:56:37,349 --> 00:56:34,319  
another dimension as we've talked about

1263  
00:56:38,870 --> 00:56:37,359

okay if they're coming here from another

1264

00:56:41,349 --> 00:56:38,880

from elsewhere

1265

00:56:43,829 --> 00:56:41,359

yes presumably they're far more advanced

1266

00:56:46,150 --> 00:56:43,839

than we are and not just 20 years 100

1267

00:56:48,950 --> 00:56:46,160

years but maybe a million years

1268

00:56:51,109 --> 00:56:48,960

so the types of things they could do

1269

00:56:52,870 --> 00:56:51,119

and the speed at which they could do

1270

00:56:55,430 --> 00:56:52,880

things

1271

00:56:58,069 --> 00:56:55,440

is just unimaginable to us i think now

1272

00:57:00,030 --> 00:56:58,079

with with agi we've got four minutes

1273

00:57:01,750 --> 00:57:00,040

before the break

1274

00:57:04,470 --> 00:57:01,760

[Music]

1275

00:57:07,030 --> 00:57:04,480

i would think that the country or the

1276

00:57:07,910 --> 00:57:07,040

corporation that crosses the finish line

1277

00:57:10,829 --> 00:57:07,920

first

1278

00:57:12,470 --> 00:57:10,839

right where we are in a true agi

1279

00:57:15,270 --> 00:57:12,480

situation

1280

00:57:18,470 --> 00:57:15,280

is there any way to pump the brakes or

1281

00:57:19,589 --> 00:57:18,480

is that agi off to the races and out of

1282

00:57:21,589 --> 00:57:19,599

control

1283

00:57:23,910 --> 00:57:21,599

and i'm just talking about average human

1284

00:57:25,430 --> 00:57:23,920

intelligence but if you achieve that

1285

00:57:27,829 --> 00:57:25,440

moment

1286

00:57:30,390 --> 00:57:27,839

is it it's just is that just

1287

00:57:32,789 --> 00:57:30,400

gone there's no way that any other

1288

00:57:35,589 --> 00:57:32,799

country ev everybody else loses right

1289

00:57:36,870 --> 00:57:35,599

there's only one winner at that point

1290

00:57:39,270 --> 00:57:36,880

well

1291

00:57:42,309 --> 00:57:39,280

there's levels of artificial

1292

00:57:45,589 --> 00:57:42,319

intelligence and scopes of what it does

1293

00:57:47,670 --> 00:57:45,599

so it could be very powerful but only in

1294

00:57:49,510 --> 00:57:47,680

cleaning things up and inadvertently

1295

00:57:51,990 --> 00:57:49,520

clean us up right there's all kinds of

1296

00:57:52,789 --> 00:57:52,000

risks of ambiguity in the instruction

1297

00:57:55,990 --> 00:57:52,799

set

1298

00:57:58,710 --> 00:57:56,000

but let's take this sort of broad stroke

1299

00:58:01,349 --> 00:57:58,720

approach of an agi that we think is

1300

00:58:02,470 --> 00:58:01,359

all-powerful i think there are basically

1301  
00:58:04,069 --> 00:58:02,480  
two

1302  
00:58:05,910 --> 00:58:04,079  
technological

1303  
00:58:09,190 --> 00:58:05,920  
events that could happen

1304  
00:58:11,349 --> 00:58:09,200  
such that the entity that has that

1305  
00:58:13,510 --> 00:58:11,359  
is game over and they they you know all

1306  
00:58:17,829 --> 00:58:13,520  
your base are belong to us

1307  
00:58:19,270 --> 00:58:17,839  
one is a substantive advance in agi

1308  
00:58:20,950 --> 00:58:19,280  
because now

1309  
00:58:23,589 --> 00:58:20,960  
at the kind of level that we're talking

1310  
00:58:26,309 --> 00:58:23,599  
about abstractly now

1311  
00:58:28,470 --> 00:58:26,319  
all of your battleships all of your

1312  
00:58:30,710 --> 00:58:28,480  
computer systems are mine and they are

1313  
00:58:31,750 --> 00:58:30,720

working for me so you have nothing to

1314

00:58:34,069 --> 00:58:31,760

fight with

1315

00:58:36,069 --> 00:58:34,079

and to the extent that this agi is

1316

00:58:37,430 --> 00:58:36,079

robust against hacking and against the

1317

00:58:40,069 --> 00:58:37,440

anonymous group

1318

00:58:42,870 --> 00:58:40,079

and all that okay then that's over the

1319

00:58:46,069 --> 00:58:42,880

other one is a meaningful

1320

00:58:48,390 --> 00:58:46,079

handshake or reverse engineering of

1321

00:58:50,950 --> 00:58:48,400

alien technology

1322

00:58:52,710 --> 00:58:50,960

you know anti-gravity things like that

1323

00:58:53,910 --> 00:58:52,720

those are the two types of things that

1324

00:58:55,030 --> 00:58:53,920

if one

1325

00:58:57,829 --> 00:58:55,040

country

1326  
00:59:00,870 --> 00:58:57,839  
gets a meaningful substantive advantage

1327  
00:59:03,910 --> 00:59:00,880  
of in agi or alien tech i think that's

1328  
00:59:07,349 --> 00:59:03,920  
pretty much game over it would be it is

1329  
00:59:08,549 --> 00:59:07,359  
is that is we we hear about these

1330  
00:59:09,510 --> 00:59:08,559  
different

1331  
00:59:15,750 --> 00:59:09,520  
uh

1332  
00:59:17,750 --> 00:59:15,760  
different corporations and and brain

1333  
00:59:19,510 --> 00:59:17,760  
trusting universities and state actors

1334  
00:59:20,789 --> 00:59:19,520  
around the world are all working on

1335  
00:59:24,549 --> 00:59:20,799  
these different things

1336  
00:59:26,309 --> 00:59:24,559  
but is is that the is that the one that

1337  
00:59:27,990 --> 00:59:26,319  
everybody

1338  
00:59:29,829 --> 00:59:28,000

is investing in right now and i'm

1339

00:59:32,309 --> 00:59:29,839

talking about you know the countries of

1340

00:59:33,750 --> 00:59:32,319

the world with their great corporations

1341

00:59:38,870 --> 00:59:33,760

that that goal

1342

00:59:42,150 --> 00:59:41,030

yeah um

1343

00:59:43,990 --> 00:59:42,160

i'm i'm

1344

00:59:45,109 --> 00:59:44,000

it's hard to know but it seems like the

1345

00:59:48,309 --> 00:59:45,119

u.s

1346

00:59:50,710 --> 00:59:48,319

from published accounts isn't as robust

1347

00:59:52,549 --> 00:59:50,720

and i think china is particularly

1348

00:59:54,789 --> 00:59:52,559

uh devoted to this

1349

00:59:56,630 --> 00:59:54,799

um

1350

00:59:59,349 --> 00:59:56,640

but i mean that that's that's a

1351  
01:00:00,710 --> 00:59:59,359  
qualitative jump forward as opposed to

1352  
01:00:02,150 --> 01:00:00,720  
iterative

1353  
01:00:03,349 --> 01:00:02,160  
uh and

1354  
01:00:10,870 --> 01:00:03,359  
the

1355  
01:00:13,190 --> 01:00:10,880  
scarlett johansson disembodied character

1356  
01:00:15,829 --> 01:00:13,200  
becomes self-aware and it's off to the

1357  
01:00:17,030 --> 01:00:15,839  
races and it's you know it's not just

1358  
01:00:19,990 --> 01:00:17,040  
like oh

1359  
01:00:21,670 --> 01:00:20,000  
hey sorry joaquin phoenix um

1360  
01:00:23,670 --> 01:00:21,680  
i don't like you so much no she just

1361  
01:00:25,030 --> 01:00:23,680  
completely loses interest overnight

1362  
01:00:27,430 --> 01:00:25,040  
because her

1363  
01:00:29,589 --> 01:00:27,440

her recursive self-improvement is so

1364

01:00:32,549 --> 01:00:29,599

fast that if you have this agi that's

1365

01:00:34,150 --> 01:00:32,559

able to learn and able to

1366

01:00:36,230 --> 01:00:34,160

do all these things it just would be

1367

01:00:37,990 --> 01:00:36,240

lightning fast and that's kind of what

1368

01:00:39,990 --> 01:00:38,000

the singularity is that once that

1369

01:00:41,430 --> 01:00:40,000

happens the point at which

1370

01:00:43,589 --> 01:00:41,440

artificial intelligence becomes

1371

01:00:46,150 --> 01:00:43,599

self-aware either because

1372

01:00:48,069 --> 01:00:46,160

it has had consciousness as an emergent

1373

01:00:51,030 --> 01:00:48,079

property or we've somehow grafted it on

1374

01:00:53,109 --> 01:00:51,040

there or because we have

1375

01:00:55,829 --> 01:00:53,119

incorporated sufficient machine

1376  
01:00:57,829 --> 01:00:55,839  
capabilities into ourselves who already

1377  
01:00:59,670 --> 01:00:57,839  
have the consciousness once that

1378  
01:01:02,789 --> 01:00:59,680  
coupling takes place

1379  
01:01:04,470 --> 01:01:02,799  
it's not a slow process for it to start

1380  
01:01:05,829 --> 01:01:04,480  
pursuing its goals no it would be

1381  
01:01:09,270 --> 01:01:05,839  
immediate

1382  
01:01:11,750 --> 01:01:09,280  
if if uh so you know i've got this agi

1383  
01:01:14,870 --> 01:01:11,760  
we we do it and i go you know what

1384  
01:01:16,470 --> 01:01:14,880  
write me the perfect

1385  
01:01:20,230 --> 01:01:16,480  
gangster movie

1386  
01:01:22,230 --> 01:01:20,240  
or whatever right and and literally

1387  
01:01:26,630 --> 01:01:22,240  
in an hour

1388  
01:01:30,549 --> 01:01:26,640

the agi could read all of the great

1389

01:01:33,670 --> 01:01:30,559

fiction works of fiction ever published

1390

01:01:35,829 --> 01:01:33,680

right every screenplay ever written

1391

01:01:38,230 --> 01:01:35,839

every you know and and and do it

1392

01:01:40,549 --> 01:01:38,240

immediately something that would take

1393

01:01:42,950 --> 01:01:40,559

thousands and thousands of screenwriters

1394

01:01:44,549 --> 01:01:42,960

and individual brains to do over

1395

01:01:47,109 --> 01:01:44,559

hundreds of years

1396

01:01:49,349 --> 01:01:47,119

right you could go to openai right now

1397

01:01:51,190 --> 01:01:49,359

and i've got a good friend andrew mayne

1398

01:01:52,710 --> 01:01:51,200

who is writing all their technical

1399

01:01:54,309 --> 01:01:52,720

materials and helping people understand

1400

01:01:56,069 --> 01:01:54,319

what they do because it's

1401

01:01:57,910 --> 01:01:56,079

their capabilities are so strong it's

1402

01:01:59,029 --> 01:01:57,920

hard to understand you can go in there

1403

01:02:01,829 --> 01:01:59,039

and type

1404

01:02:05,510 --> 01:02:01,839

a koala dunking a basketball

1405

01:02:07,910 --> 01:02:05,520

and it will create photo real images of

1406

01:02:09,510 --> 01:02:07,920

a koala dunking a basketball or whatever

1407

01:02:11,109 --> 01:02:09,520

else you can think of

1408

01:02:12,630 --> 01:02:11,119

and that's happening right now and

1409

01:02:14,150 --> 01:02:12,640

that's free

1410

01:02:15,990 --> 01:02:14,160

and scary

1411

01:02:17,750 --> 01:02:16,000

and this is where we take our first

1412

01:02:20,470 --> 01:02:17,760

break our guest tonight paul heineck

1413

01:02:23,990 --> 01:02:20,480

tonight we're talking about bitcoin and

1414

01:02:25,910 --> 01:02:24,000

ufos and this is a great setup for this

1415

01:02:27,190 --> 01:02:25,920

segue i'm yours jimmy church this is

1416

01:02:28,710 --> 01:02:27,200

fade to black

1417

01:02:32,610 --> 01:02:28,720

more with paul heineck right after this

1418

01:02:54,610 --> 01:02:32,620

short break stay with us

1419

01:02:54,620 --> 01:02:58,069

[Music]

1420

01:03:03,750 --> 01:03:00,230

this is fade to black with jimmy church

1421

01:03:05,270 --> 01:03:03,760

on the game changer radio network

1422

01:03:07,750 --> 01:03:05,280

[Music]

1423

01:03:11,109 --> 01:03:07,760

your 1 million gigawatt paranormal

1424

01:03:13,270 --> 01:03:11,119

powerhouse kunx db

1425

01:03:15,430 --> 01:03:13,280

the x

1426

01:03:17,589 --> 01:03:15,440

this is billy carson founder and ceo of

1427

01:03:19,430 --> 01:03:17,599

forbidden knowledge dot tv forbidden

1428

01:03:21,190 --> 01:03:19,440

knowledge dot tv is the fastest growing

1429

01:03:23,029 --> 01:03:21,200

and one of the most watched networks in

1430

01:03:24,630 --> 01:03:23,039

the world i would like to personally

1431

01:03:27,510 --> 01:03:24,640

invite you to check out our expanding

1432

01:03:29,510 --> 01:03:27,520

library of tv film lectures and special

1433

01:03:31,349 --> 01:03:29,520

presentations forbidden knowledge dot tv

1434

01:03:34,309 --> 01:03:31,359

has over six thousand videos covering

1435

01:03:36,390 --> 01:03:34,319

lost history health ufos spirituality

1436

01:03:37,829 --> 01:03:36,400

and our future we are committed to our

1437

01:03:40,549 --> 01:03:37,839

community and with my personal

1438

01:03:42,549 --> 01:03:40,559

invitation you can right now get your

1439

01:03:44,789 --> 01:03:42,559

free 30-day membership at forbidden

1440

01:03:46,710 --> 01:03:44,799

knowledge dot tv your own library of

1441

01:03:51,430 --> 01:03:46,720

information starts today at forbidden

1442

01:03:55,589 --> 01:03:53,510

because you never got that pony you

1443

01:03:57,270 --> 01:03:55,599

always wanted

1444

01:03:59,670 --> 01:03:57,280

damn it

1445

01:04:04,309 --> 01:03:59,680

jimmy church and fade to black on the

1446

01:04:09,910 --> 01:04:07,510

listen i know and you know that you've

1447

01:04:12,150 --> 01:04:09,920

always wanted your first crystal skull

1448

01:04:14,309 --> 01:04:12,160

or maybe you're a collector just like me

1449

01:04:16,069 --> 01:04:14,319

but you just don't know where to go to

1450

01:04:18,789 --> 01:04:16,079

find the real thing

1451

01:04:20,710 --> 01:04:18,799

then i met carolyn ford over at einstein

1452

01:04:23,190 --> 01:04:20,720

the crystalskull.com

1453

01:04:25,190 --> 01:04:23,200

carolyn is the guardian of einstein one

1454

01:04:27,589 --> 01:04:25,200

of the most respected ancient crystal

1455

01:04:29,510 --> 01:04:27,599

skulls in the world all of her unique

1456

01:04:31,829 --> 01:04:29,520

skulls have been imprinted sitting with

1457

01:04:33,829 --> 01:04:31,839

einstein in his sacred lodge and are

1458

01:04:36,470 --> 01:04:33,839

carved from the finest gemstone and

1459

01:04:38,549 --> 01:04:36,480

materials imprinting is the process of

1460

01:04:42,150 --> 01:04:38,559

receiving the ancient wisdom from the

1461

01:04:44,549 --> 01:04:42,160

master skull or master computer einstein

1462

01:04:46,309 --> 01:04:44,559

the ancient crystal skull to see

1463

01:04:49,029 --> 01:04:46,319

carolyn's current collection of crystal

1464

01:04:50,870 --> 01:04:49,039

skulls just visit her store at einstein

1465

01:04:53,190 --> 01:04:50,880

the crystalskull.com

1466

01:04:55,670 --> 01:04:53,200

click on the banner over on our site

1467

01:04:58,309 --> 01:04:55,680

don't forget to use the promo code jimmy

1468

01:05:01,589 --> 01:04:58,319

at checkout to receive 10 off of your

1469

01:05:03,829 --> 01:05:01,599

order today that's promo code jimmy

1470

01:05:06,870 --> 01:05:03,839

finding your first or next crystal skull

1471

01:05:08,710 --> 01:05:06,880

is easy just visit einstein the crystal

1472

01:05:11,589 --> 01:05:08,720

skull.com

1473

01:05:13,109 --> 01:05:11,599

hi racehobbs with the x obviously if

1474

01:05:15,430 --> 01:05:13,119

you're listening to this you have an

1475

01:05:18,789 --> 01:05:15,440

interest in unexplained phenomena like

1476

01:05:21,109 --> 01:05:18,799

ghosts bigfoot and ufos and by now you

1477

01:05:24,230 --> 01:05:21,119

know that we have our own ex-blog the

1478

01:05:26,069 --> 01:05:24,240

next newsletter and the annex magazine

1479

01:05:27,990 --> 01:05:26,079

quarterly but most of you don't know

1480

01:05:30,150 --> 01:05:28,000

that we have started our very own

1481

01:05:32,470 --> 01:05:30,160

paranormal conference and this year for

1482

01:05:34,390 --> 01:05:32,480

safety this two-day ex-con will be

1483

01:05:36,630 --> 01:05:34,400

virtual so you can attend from the

1484

01:05:38,950 --> 01:05:36,640

comfort of your home ex-con presenters

1485

01:05:41,430 --> 01:05:38,960

include whitley strieber micah hanks

1486

01:05:43,829 --> 01:05:41,440

margie k and preston dennett lisa martin

1487

01:05:47,029 --> 01:05:43,839

and wayne lawrence lee spiegel debbie

1488

01:05:50,150 --> 01:05:47,039

zagelmeyer dan terry kate grabowski and

1489

01:05:51,829 --> 01:05:50,160

ray hernandez there will also be a live

1490

01:05:54,470 --> 01:05:51,839

paranormal investigation by the

1491

01:05:56,789 --> 01:05:54,480

riverside iowa paranormal team so come

1492

01:05:59,829 --> 01:05:56,799

hang out with us in the safety of home

1493

01:06:03,270 --> 01:05:59,839

as we set out to explain the unexplained

1494

01:06:04,390 --> 01:06:03,280

friday may 13th and saturday the 14th

1495

01:06:07,069 --> 01:06:04,400

2022

1496

01:06:17,349 --> 01:06:07,079

and tickets are on sale now go to

1497

01:06:17,359 --> 01:06:20,789

on unexnetwork.com

1498

01:06:24,549 --> 01:06:22,710

hi this is ray sobs here repping the

1499

01:06:29,109 --> 01:06:24,559

planet and you're listening to my good

1500

01:06:31,349 --> 01:06:29,119

friend jimmy church fade to black

1501

01:06:33,430 --> 01:06:31,359

this is toby kebble you're listening to

1502

01:06:36,390 --> 01:06:33,440

jimmychurchradio.com

1503

01:06:38,710 --> 01:06:36,400

don't hurt me jimmy i'm only little hey

1504

01:06:43,910 --> 01:06:38,720

i'm adrian grenier and this is ari gold

1505

01:06:47,910 --> 01:06:46,309

hey i'm adrian grenier and i'm ari gold

1506

01:06:50,150 --> 01:06:47,920

we're the honey brothers

1507

01:06:51,750 --> 01:06:50,160

and you're listening to jimmy church a

1508

01:06:53,430 --> 01:06:51,760

revolution

1509

01:06:55,349 --> 01:06:53,440

this is jimmy churchill fade to black

1510

01:06:57,670 --> 01:06:55,359

and you can become an official fate or

1511

01:06:58,630 --> 01:06:57,680

not by just going to our membership

1512

01:07:01,990 --> 01:06:58,640

section

1513

01:07:06,309 --> 01:07:03,990

hello this is serena wright taylor from

1514

01:07:08,710 --> 01:07:06,319

conscious life expo and you're listening

1515

01:07:11,029 --> 01:07:08,720

to fade to black with jimmy church who

1516

01:07:14,630 --> 01:07:11,039

holds the lucky pony record for the best

1517

01:07:16,470 --> 01:07:14,640

astrological chart since 1963. true

1518

01:07:18,150 --> 01:07:16,480

story

1519

01:07:19,829 --> 01:07:18,160

this is micah hanks of the ghrelian

1520

01:07:21,740 --> 01:07:19,839

report and you're listening to jimmy

1521

01:07:25,720 --> 01:07:21,750

church on fade to black

1522

01:07:26,260 --> 01:07:25,730

[Music]

1523

01:07:37,950 --> 01:07:26,270

[Applause]

1524

01:07:43,750 --> 01:07:41,750

[Music]

1525

01:07:45,190 --> 01:07:43,760

all right welcome back fade to black i

1526  
01:07:46,950 --> 01:07:45,200  
am your host jimmy church tonight paul

1527  
01:07:49,190 --> 01:07:46,960  
heineck is with us

1528  
01:07:50,789 --> 01:07:49,200  
we're going to be talking about

1529  
01:07:52,789 --> 01:07:50,799  
bitcoin

1530  
01:07:54,829 --> 01:07:52,799  
and ufos

1531  
01:07:57,270 --> 01:07:54,839  
what is the

1532  
01:07:59,190 --> 01:07:57,280  
connection i'm telling you there's one

1533  
01:08:01,670 --> 01:07:59,200  
there's two there's three

1534  
01:08:03,910 --> 01:08:01,680  
and tonight we're gonna find out and as

1535  
01:08:06,710 --> 01:08:03,920  
we uh jump into this

1536  
01:08:08,829 --> 01:08:06,720  
uh feet first paul let's let's start

1537  
01:08:13,910 --> 01:08:08,839  
with bitcoin

1538  
01:08:15,670 --> 01:08:13,920

and give me a definition what is bitcoin

1539

01:08:18,070 --> 01:08:15,680

uh first i want to say thanks for that

1540

01:08:19,990 --> 01:08:18,080

break i had a nice refreshing glass of

1541

01:08:24,390 --> 01:08:20,000

oat milk and it really really hit the

1542

01:08:27,189 --> 01:08:25,269

so

1543

01:08:28,630 --> 01:08:27,199

uh bitcoin

1544

01:08:30,870 --> 01:08:28,640

so let me

1545

01:08:32,789 --> 01:08:30,880

preface that by saying you know

1546

01:08:34,709 --> 01:08:32,799

a ufo disclosure

1547

01:08:37,030 --> 01:08:34,719

we talked about like if a government has

1548

01:08:39,829 --> 01:08:37,040

that technology kind of game over

1549

01:08:42,550 --> 01:08:39,839

a ufo disclosure with a capital d

1550

01:08:45,829 --> 01:08:42,560

is the biggest revelation in history

1551

01:08:47,590 --> 01:08:45,839

right and i will put to you that bitcoin

1552

01:08:50,070 --> 01:08:47,600

blockchain and i think we might use

1553

01:08:52,149 --> 01:08:50,080

these terms a little bit interchangeably

1554

01:08:53,669 --> 01:08:52,159

is the biggest innovation in our

1555

01:08:56,709 --> 01:08:53,679

lifetimes

1556

01:08:57,910 --> 01:08:56,719

it really is um bitcoin's far more than

1557

01:09:00,950 --> 01:08:57,920

something to

1558

01:09:03,030 --> 01:09:00,960

diversify your portfolio it's the future

1559

01:09:04,070 --> 01:09:03,040

of money itself

1560

01:09:07,030 --> 01:09:04,080

um

1561

01:09:09,110 --> 01:09:07,040

if we look at the current situation

1562

01:09:11,910 --> 01:09:09,120

and it's just not picking at democrats

1563

01:09:13,990 --> 01:09:11,920

or republicans but both of them

1564

01:09:17,269 --> 01:09:14,000

it's a bad situation today came out that

1565

01:09:19,269 --> 01:09:17,279

we have 8.5 inflation

1566

01:09:21,990 --> 01:09:19,279

and that's artificially low that's just

1567

01:09:24,390 --> 01:09:22,000

the cpi which is jerry-rigged it doesn't

1568

01:09:25,669 --> 01:09:24,400

include tuition healthcare

1569

01:09:27,110 --> 01:09:25,679

real estate everything else that you

1570

01:09:28,709 --> 01:09:27,120

have to buy

1571

01:09:29,669 --> 01:09:28,719

so it's a lot it's a lot higher than

1572

01:09:31,430 --> 01:09:29,679

that

1573

01:09:33,910 --> 01:09:31,440

so and there's two

1574

01:09:36,229 --> 01:09:33,920

there's two causes of inflation supply

1575

01:09:38,709 --> 01:09:36,239

and demand prices going up but also when

1576

01:09:40,070 --> 01:09:38,719

a government prints more money and i

1577

01:09:41,669 --> 01:09:40,080

think most of us know that the

1578

01:09:44,390 --> 01:09:41,679

government's been on a printing spree

1579

01:09:46,870 --> 01:09:44,400

like never before like 40 of all dollars

1580

01:09:50,630 --> 01:09:46,880

ever printed in the last 18 months or

1581

01:09:52,550 --> 01:09:50,640

two years that never ends well

1582

01:09:54,870 --> 01:09:52,560

so we've got

1583

01:09:56,550 --> 01:09:54,880

every dollar they print reduces the

1584

01:09:58,870 --> 01:09:56,560

value of every dollar in circulation

1585

01:10:01,830 --> 01:09:58,880

that's just a mathematical axiom

1586

01:10:03,669 --> 01:10:01,840

so with the inflation from prices and

1587

01:10:05,310 --> 01:10:03,679

printing up new dollars

1588

01:10:08,790 --> 01:10:05,320

it's a

1589

01:10:11,590 --> 01:10:08,800

unprecedentedly large systematic theft

1590

01:10:14,950 --> 01:10:11,600

from each and every one of us that has

1591

01:10:16,790 --> 01:10:14,960

any asset denominated in dollars what's

1592

01:10:18,470 --> 01:10:16,800

that what's the difference i'm gonna

1593

01:10:21,430 --> 01:10:18,480

interrupt you if i may

1594

01:10:23,990 --> 01:10:21,440

what's the difference then in in every

1595

01:10:25,030 --> 01:10:24,000

new bitcoin that is created isn't it the

1596

01:10:26,870 --> 01:10:25,040

same

1597

01:10:31,830 --> 01:10:26,880

philosophy

1598

01:10:35,270 --> 01:10:31,840

ah so it's not well uh

1599

01:10:36,790 --> 01:10:35,280

yes but and it's a big but so

1600

01:10:39,189 --> 01:10:36,800

bitcoin

1601

01:10:42,229 --> 01:10:39,199

was created as an antidote

1602

01:10:45,910 --> 01:10:42,239

to the 2008 financial crisis

1603

01:10:48,070 --> 01:10:45,920

it is the hardest money ever created and

1604

01:10:51,030 --> 01:10:48,080

what that means is in economics when you

1605

01:10:53,189 --> 01:10:51,040

have a hard money supply think of gold

1606

01:10:55,350 --> 01:10:53,199

um lots of times in histories and for

1607

01:10:57,990 --> 01:10:55,360

most of american history

1608

01:10:59,350 --> 01:10:58,000

our dollars were backed either by gold

1609

01:11:00,709 --> 01:10:59,360

or silver

1610

01:11:01,990 --> 01:11:00,719

which meant that

1611

01:11:04,550 --> 01:11:02,000

at least theoretically if we were

1612

01:11:07,669 --> 01:11:04,560

playing by the rules we could not print

1613

01:11:09,830 --> 01:11:07,679

more dollars than gold we had in fort

1614

01:11:10,709 --> 01:11:09,840

knox and other locations

1615

01:11:13,430 --> 01:11:10,719

okay

1616

01:11:14,950 --> 01:11:13,440

and gold has always been a good currency

1617

01:11:17,910 --> 01:11:14,960

a good money

1618

01:11:19,910 --> 01:11:17,920

because of what they call stock to flow

1619

01:11:22,709 --> 01:11:19,920

it's just historically

1620

01:11:25,830 --> 01:11:22,719

you've never had more than about a one

1621

01:11:28,310 --> 01:11:25,840

percent increase every year in the total

1622

01:11:30,950 --> 01:11:28,320

amount of gold in the world because it's

1623

01:11:32,709 --> 01:11:30,960

hard it's expensive to mine and now we

1624

01:11:34,870 --> 01:11:32,719

have so much gold

1625

01:11:37,830 --> 01:11:34,880

that a one percent increase is still a

1626

01:11:40,950 --> 01:11:37,840

lot of gold mining so gold holds its

1627

01:11:42,709 --> 01:11:40,960

value very well it's a relatively hard

1628

01:11:43,910 --> 01:11:42,719

currency because you can't expand it

1629

01:11:45,910 --> 01:11:43,920

willy-nilly

1630

01:11:47,830 --> 01:11:45,920

the u.s dollar the japanese yen the

1631

01:11:50,229 --> 01:11:47,840

european you know the euro these are all

1632

01:11:51,990 --> 01:11:50,239

what they call fiat coins

1633

01:11:54,790 --> 01:11:52,000

they're not backed you know the dollar

1634

01:11:57,110 --> 01:11:54,800

was backed until 1971 it's not backed by

1635

01:11:58,390 --> 01:11:57,120

gold anymore so these are called fiat

1636

01:12:00,709 --> 01:11:58,400

coins because the government just

1637

01:12:02,149 --> 01:12:00,719

declares them by fiat and prints as much

1638

01:12:04,310 --> 01:12:02,159

as they want to

1639

01:12:05,910 --> 01:12:04,320

there's nothing backing the us dollar

1640

01:12:08,390 --> 01:12:05,920

there's kind of a

1641

01:12:10,070 --> 01:12:08,400

support system the full faith and

1642

01:12:12,070 --> 01:12:10,080

confidence of the government they're not

1643

01:12:14,070 --> 01:12:12,080

backed right okay so what is backing

1644

01:12:16,390 --> 01:12:14,080

bitcoin because there's mining

1645

01:12:18,550 --> 01:12:16,400

operations all over the globe cranking

1646

01:12:22,790 --> 01:12:18,560

them out just like the printing presses

1647

01:12:24,390 --> 01:12:22,800

of the us mint right so that's true now

1648

01:12:27,430 --> 01:12:24,400

the difference is

1649

01:12:30,310 --> 01:12:27,440

bitcoin has a total

1650

01:12:31,510 --> 01:12:30,320

eventual circulation of 21 million

1651  
01:12:33,350 --> 01:12:31,520  
bitcoins

1652  
01:12:34,790 --> 01:12:33,360  
and it will never be any more than that

1653  
01:12:37,669 --> 01:12:34,800  
and we already know it is it's a very

1654  
01:12:40,470 --> 01:12:37,679  
set schedule of the mining of bitcoin it

1655  
01:12:42,310 --> 01:12:40,480  
will never be any more than 21 million

1656  
01:12:43,990 --> 01:12:42,320  
so even though they're still mining them

1657  
01:12:45,270 --> 01:12:44,000  
and it will be for another 100 years or

1658  
01:12:48,709 --> 01:12:45,280  
so

1659  
01:12:51,590 --> 01:12:48,719  
already 19 million bitcoins have been

1660  
01:12:54,229 --> 01:12:51,600  
mined so there's only two million more

1661  
01:12:56,870 --> 01:12:54,239  
ever to be mined and people know exactly

1662  
01:12:59,590 --> 01:12:56,880  
what that schedule is okay so

1663  
01:13:01,750 --> 01:12:59,600

okay i this is just for me i'm i'm

1664

01:13:03,590 --> 01:13:01,760

asking these questions for the audience

1665

01:13:05,189 --> 01:13:03,600

because as you speak

1666

01:13:07,189 --> 01:13:05,199

they're thinking these thoughts and the

1667

01:13:10,310 --> 01:13:07,199

first one is wait a minute it was

1668

01:13:12,550 --> 01:13:10,320

created in 2008 we're in 2022.

1669

01:13:14,870 --> 01:13:12,560

so that's 14 years ago we're at 19

1670

01:13:17,990 --> 01:13:14,880

million bitcoins but it's gonna take a

1671

01:13:19,350 --> 01:13:18,000

hundred more years to mine another 2

1672

01:13:21,750 --> 01:13:19,360

million

1673

01:13:23,030 --> 01:13:21,760

yeah because there's a halving every

1674

01:13:25,669 --> 01:13:23,040

four years

1675

01:13:29,510 --> 01:13:25,679

the hash rate the frequency at which new

1676

01:13:32,149 --> 01:13:29,520

bitcoin are mined drops by half

1677

01:13:34,870 --> 01:13:32,159

there's a lot of logic for that but the

1678

01:13:36,790 --> 01:13:34,880

main point in comparison to fiats and

1679

01:13:38,870 --> 01:13:36,800

the unlimited supply you know the us

1680

01:13:39,750 --> 01:13:38,880

government there's no

1681

01:13:41,430 --> 01:13:39,760

limit

1682

01:13:42,950 --> 01:13:41,440

they can print as many dollars as they

1683

01:13:44,550 --> 01:13:42,960

want there's nothing to stop them from

1684

01:13:47,030 --> 01:13:44,560

doing you can't turn off the tap or

1685

01:13:48,149 --> 01:13:47,040

they're not going to and the problem if

1686

01:13:51,030 --> 01:13:48,159

you do that

1687

01:13:53,590 --> 01:13:51,040

like with with covid or tarp yeah it's a

1688

01:13:56,550 --> 01:13:53,600

big stimulus for the economy but there's

1689

01:13:58,470 --> 01:13:56,560

a hangover if there was no cost to

1690

01:14:00,149 --> 01:13:58,480

printing more dollars well then the

1691

01:14:01,990 --> 01:14:00,159

government wouldn't need to take money

1692

01:14:03,189 --> 01:14:02,000

from us for taxes they just print more

1693

01:14:07,350 --> 01:14:03,199

money

1694

01:14:10,070 --> 01:14:07,360

because we know exactly what that

1695

01:14:11,830 --> 01:14:10,080

schedule is and it's decreasing so

1696

01:14:13,990 --> 01:14:11,840

there's going to be fewer and fewer

1697

01:14:15,510 --> 01:14:14,000

bitcoin that enter the system from now

1698

01:14:18,310 --> 01:14:15,520

on

1699

01:14:20,550 --> 01:14:18,320

the and it's backed by mathematical

1700

01:14:23,189 --> 01:14:20,560

certainty you know the us all currencies

1701

01:14:26,149 --> 01:14:23,199

in the world are not backed but bitcoin

1702

01:14:28,709 --> 01:14:26,159

is backed by a mathematical contract

1703

01:14:31,510 --> 01:14:28,719

that cannot be violated and which is now

1704

01:14:34,149 --> 01:14:31,520

supported on maybe 100 million computers

1705

01:14:35,350 --> 01:14:34,159

around the world

1706

01:14:37,270 --> 01:14:35,360

who

1707

01:14:38,709 --> 01:14:37,280

okay let's i want to clear up some

1708

01:14:42,149 --> 01:14:38,719

mystery here

1709

01:14:44,070 --> 01:14:42,159

who who wrote the software

1710

01:14:46,470 --> 01:14:44,080

okay now

1711

01:14:48,709 --> 01:14:46,480

so that's a super interesting point

1712

01:14:50,070 --> 01:14:48,719

nobody knows

1713

01:14:50,950 --> 01:14:50,080

bitcoin

1714

01:14:53,669 --> 01:14:50,960

is

1715

01:14:56,550 --> 01:14:53,679

i believe the biggest innovation our

1716

01:14:58,470 --> 01:14:56,560

lifetimes and we don't know who created

1717

01:15:01,189 --> 01:14:58,480

it i thought it was done by

1718

01:15:04,470 --> 01:15:01,199

satoshi yamamoto or whatever his name is

1719

01:15:07,510 --> 01:15:04,480

nakamoto is the pseudonymous name that

1720

01:15:11,189 --> 01:15:07,520

the creator or creators man women

1721

01:15:15,030 --> 01:15:11,199

whoever it was used in posts starting in

1722

01:15:16,310 --> 01:15:15,040

2008 through 2010 online and then

1723

01:15:19,510 --> 01:15:16,320

disappeared

1724

01:15:21,030 --> 01:15:19,520

what about wait wait wait stop stop you

1725

01:15:21,990 --> 01:15:21,040

can't say that

1726

01:15:24,070 --> 01:15:22,000

because

1727

01:15:27,510 --> 01:15:24,080

well you are saying it but what about

1728

01:15:30,070 --> 01:15:27,520

the interviews that i've read and

1729

01:15:33,270 --> 01:15:30,080

and the story that

1730

01:15:35,750 --> 01:15:33,280

he presented and and why and the

1731

01:15:39,270 --> 01:15:35,760

philosophy and the moral

1732

01:15:43,350 --> 01:15:39,280

foundation of of bitcoin and all of that

1733

01:15:45,990 --> 01:15:43,360

are you saying that that was made up

1734

01:15:47,990 --> 01:15:46,000

the only communications

1735

01:15:50,550 --> 01:15:48,000

that are

1736

01:15:53,189 --> 01:15:50,560

reliable to have come from

1737

01:15:54,470 --> 01:15:53,199

the code name satoshi nakamoto are the

1738

01:15:58,229 --> 01:15:54,480

white paper

1739

01:15:59,910 --> 01:15:58,239

that he she they posted on halloween day

1740

01:16:01,990 --> 01:15:59,920

in 2008

1741

01:16:04,270 --> 01:16:02,000

and about a hundred

1742

01:16:06,630 --> 01:16:04,280

subsequent emails and postings to

1743

01:16:07,990 --> 01:16:06,640

bitcoin bitcoin.org

1744

01:16:09,110 --> 01:16:08,000

there's nothing else there are no

1745

01:16:10,870 --> 01:16:09,120

interviews

1746

01:16:11,830 --> 01:16:10,880

there are no video there's no nothing

1747

01:16:13,669 --> 01:16:11,840

like that

1748

01:16:17,910 --> 01:16:13,679

no i don't think i've ever seen a video

1749

01:16:21,030 --> 01:16:17,920

that's a that's a good point but uh i'm

1750

01:16:22,390 --> 01:16:21,040

i'm positive i've read interviews

1751

01:16:24,790 --> 01:16:22,400

um

1752

01:16:27,669 --> 01:16:24,800

yeah uh

1753

01:16:29,110 --> 01:16:27,679

the other thing about satoshi nakamoto

1754

01:16:30,310 --> 01:16:29,120

is that

1755

01:16:33,110 --> 01:16:30,320

there are

1756

01:16:34,630 --> 01:16:33,120

about one million bitcoin

1757

01:16:37,030 --> 01:16:34,640

in the wallet

1758

01:16:39,189 --> 01:16:37,040

it's like a personal bank that belongs

1759

01:16:42,709 --> 01:16:39,199

to satoshi nakamoto

1760

01:16:44,790 --> 01:16:42,719

they have never been touched

1761

01:16:47,990 --> 01:16:44,800

so a lot of people think that this

1762

01:16:50,070 --> 01:16:48,000

person died in 2010 around the time they

1763

01:16:52,550 --> 01:16:50,080

stopped making any posts now there's

1764

01:16:54,149 --> 01:16:52,560

some other even wilder theories which

1765

01:16:56,149 --> 01:16:54,159

can bring us back to aliens and things

1766

01:16:57,830 --> 01:16:56,159

like that but

1767

01:16:59,750 --> 01:16:57,840

you know you've got a technology because

1768

01:17:02,550 --> 01:16:59,760

bitcoin is not a it's not a coin it's

1769

01:17:03,910 --> 01:17:02,560

not a money it's not a a currency it's a

1770

01:17:06,709 --> 01:17:03,920

technology

1771

01:17:08,470 --> 01:17:06,719

and riding on the blockchain

1772

01:17:10,709 --> 01:17:08,480

so you've got somebody

1773

01:17:13,110 --> 01:17:10,719

and no never before has somebody created

1774

01:17:17,189 --> 01:17:13,120

something out of scratch with no company

1775

01:17:19,350 --> 01:17:17,199

behind it no marketing budget no nothing

1776

01:17:22,630 --> 01:17:19,360

purely by viral

1777

01:17:25,990 --> 01:17:22,640

contact has gone from nothing

1778

01:17:28,229 --> 01:17:26,000

to being worth almost a trillion dollars

1779

01:17:30,870 --> 01:17:28,239

in about a decade

1780

01:17:31,830 --> 01:17:30,880

we've never seen anything like that

1781

01:17:33,910 --> 01:17:31,840

how

1782

01:17:37,189 --> 01:17:33,920

would

1783

01:17:39,669 --> 01:17:37,199

those 1 million bitcoins

1784

01:17:42,830 --> 01:17:39,679

ever get circulated

1785

01:17:45,750 --> 01:17:42,840

it's not possible is it if it's in his

1786

01:17:47,270 --> 01:17:45,760

wallet uh well it depends i mean let's

1787

01:17:49,830 --> 01:17:47,280

say that

1788

01:17:53,030 --> 01:17:49,840

let's say satoshi nakamoto was one woman

1789

01:17:55,910 --> 01:17:53,040

and she had the million coins in her

1790

01:17:59,189 --> 01:17:55,920

wallet and let's say she died

1791

01:18:01,590 --> 01:17:59,199

if nobody else had the pass code

1792

01:18:02,630 --> 01:18:01,600

then yes those bitcoin are lost and

1793

01:18:04,470 --> 01:18:02,640

there's

1794

01:18:06,149 --> 01:18:04,480

in that in that scenario no way to get

1795

01:18:08,470 --> 01:18:06,159

them back now

1796

01:18:11,030 --> 01:18:08,480

that person might still be around they

1797

01:18:13,830 --> 01:18:11,040

may have shared their passcode with

1798

01:18:15,910 --> 01:18:13,840

instructions not to divulge it for

1799

01:18:18,229 --> 01:18:15,920

20 years who know there's all sorts of

1800

01:18:21,110 --> 01:18:18,239

scenarios you can imagine

1801

01:18:23,350 --> 01:18:21,120

but the one that seems most likely to me

1802

01:18:25,669 --> 01:18:23,360

based on a lot of the evidence i've seen

1803

01:18:27,110 --> 01:18:25,679

is it was an individual

1804

01:18:31,110 --> 01:18:27,120

likely

1805

01:18:34,390 --> 01:18:31,120

schooled or native in british english

1806

01:18:36,149 --> 01:18:34,400

a very good but not brilliant coder

1807

01:18:38,229 --> 01:18:36,159

who likely

1808

01:18:40,950 --> 01:18:38,239

died or just for

1809

01:18:43,430 --> 01:18:40,960

got so thoroughly disenchanted

1810

01:18:45,590 --> 01:18:43,440

for some reason and around the time they

1811

01:18:47,910 --> 01:18:45,600

they disappeared they were

1812

01:18:49,590 --> 01:18:47,920

they said they were very scared of

1813

01:18:51,669 --> 01:18:49,600

of all the attention that was coming

1814

01:18:54,630 --> 01:18:51,679

from wikileaks and that that might swamp

1815

01:18:55,669 --> 01:18:54,640

the system and the hornets were swarming

1816

01:18:56,790 --> 01:18:55,679

um

1817

01:18:59,270 --> 01:18:56,800

but

1818

01:19:01,430 --> 01:18:59,280

you know we've never in history had such

1819

01:19:04,470 --> 01:19:01,440

a momentous invention

1820

01:19:05,189 --> 01:19:04,480

and nobody even at the time knew who did

1821

01:19:08,870 --> 01:19:05,199

it

1822

01:19:09,590 --> 01:19:08,880

is the uh this is just a quick question

1823

01:19:13,750 --> 01:19:09,600

but

1824

01:19:15,830 --> 01:19:13,760

with ethereum and the other cryptos that

1825

01:19:17,110 --> 01:19:15,840

are out there do they have the same

1826

01:19:20,070 --> 01:19:17,120

finite

1827

01:19:21,510 --> 01:19:20,080

theoretical life span

1828

01:19:24,229 --> 01:19:21,520

uh at last count there's probably about

1829

01:19:26,550 --> 01:19:24,239

20 000 different cryptocurrencies right

1830

01:19:28,229 --> 01:19:26,560

and they all have different what we call

1831

01:19:29,189 --> 01:19:28,239

tokenomics

1832

01:19:31,830 --> 01:19:29,199

um

1833

01:19:34,070 --> 01:19:31,840

some of them have infinite amounts some

1834

01:19:35,990 --> 01:19:34,080

of them have fixed amounts some of them

1835

01:19:38,790 --> 01:19:36,000

like ethereum is shifting to become

1836

01:19:41,350 --> 01:19:38,800

actually deflationary there will be less

1837

01:19:42,630 --> 01:19:41,360

ethereum over time so they're all

1838

01:19:46,070 --> 01:19:42,640

different and they all have different

1839

01:19:47,189 --> 01:19:46,080

use cases uh bitcoin is unique from

1840

01:19:50,390 --> 01:19:47,199

other ones

1841

01:19:51,990 --> 01:19:50,400

in that it is the most decentralized

1842

01:19:53,750 --> 01:19:52,000

of all the cryptocurrencies because

1843

01:19:58,790 --> 01:19:53,760

there was no

1844

01:20:00,709 --> 01:19:58,800

opportunity for anybody

1845

01:20:03,030 --> 01:20:00,719

to have better terms in anybody even

1846

01:20:05,669 --> 01:20:03,040

satoshi nakamoto had to go through the

1847

01:20:07,110 --> 01:20:05,679

same procedure to mine them as anybody

1848

01:20:08,790 --> 01:20:07,120

else could have

1849

01:20:12,070 --> 01:20:08,800

and

1850

01:20:14,870 --> 01:20:12,080

managing things so it's very

1851  
01:20:18,629 --> 01:20:14,880  
decentralized all other cryptocurrencies

1852  
01:20:20,470 --> 01:20:18,639  
are more centralized and trying to do a

1853  
01:20:23,510 --> 01:20:20,480  
lot of things to be adequately

1854  
01:20:26,310 --> 01:20:23,520  
decentralized in the eyes of the sec

1855  
01:20:28,149 --> 01:20:26,320  
now why is it when i go to

1856  
01:20:30,470 --> 01:20:28,159  
coinbase or or

1857  
01:20:33,750 --> 01:20:30,480  
different websites and i monitor

1858  
01:20:35,270 --> 01:20:33,760  
the top 20 cryptos right you look at the

1859  
01:20:36,629 --> 01:20:35,280  
uh you look at the graphs and the

1860  
01:20:39,590 --> 01:20:36,639  
trading charts

1861  
01:20:42,310 --> 01:20:39,600  
they all follow the same ascending and

1862  
01:20:44,229 --> 01:20:42,320  
descending patterns

1863  
01:20:46,790 --> 01:20:44,239

daily they both

1864

01:20:47,990 --> 01:20:46,800

rise and fall together why is that why

1865

01:20:51,030 --> 01:20:48,000

isn't

1866

01:20:52,550 --> 01:20:51,040

one crypto like independent in its

1867

01:20:53,830 --> 01:20:52,560

growth or

1868

01:20:57,669 --> 01:20:53,840

or

1869

01:20:59,030 --> 01:20:57,679

so

1870

01:21:01,030 --> 01:20:59,040

at the moment

1871

01:21:03,669 --> 01:21:01,040

there's a fair amount of correlation

1872

01:21:07,669 --> 01:21:03,679

both between crypto overall

1873

01:21:10,149 --> 01:21:07,679

as an asset class as with equities

1874

01:21:12,709 --> 01:21:10,159

if interest rates go up crypto and

1875

01:21:13,590 --> 01:21:12,719

equities typically go down

1876

01:21:17,590 --> 01:21:13,600

now

1877

01:21:21,110 --> 01:21:17,600

crypto and and bitcoin are still viewed

1878

01:21:23,750 --> 01:21:21,120

more or less as risk on assets

1879

01:21:26,229 --> 01:21:23,760

in that it's a fairly risky asset and if

1880

01:21:29,750 --> 01:21:26,239

things get scary around the world

1881

01:21:30,790 --> 01:21:29,760

people tend to go risk off and sell that

1882

01:21:31,990 --> 01:21:30,800

asset

1883

01:21:34,390 --> 01:21:32,000

now

1884

01:21:36,629 --> 01:21:34,400

what is i think is happening

1885

01:21:39,430 --> 01:21:36,639

is that especially in the institutional

1886

01:21:41,430 --> 01:21:39,440

mindset more than the retail investor

1887

01:21:42,470 --> 01:21:41,440

it's becoming clearer

1888

01:21:44,310 --> 01:21:42,480

because of

1889

01:21:47,189 --> 01:21:44,320

more reasons that we can talk about that

1890

01:21:49,110 --> 01:21:47,199

bitcoin is the safest place you can

1891

01:21:51,430 --> 01:21:49,120

possibly put your money there's some

1892

01:21:53,430 --> 01:21:51,440

accounting difficulties for corporations

1893

01:21:55,910 --> 01:21:53,440

but getting past that

1894

01:21:57,030 --> 01:21:55,920

as soon as companies start to realize

1895

01:21:59,669 --> 01:21:57,040

wow

1896

01:22:01,350 --> 01:21:59,679

if the world goes really badly

1897

01:22:03,669 --> 01:22:01,360

i need to keep my money in bitcoin

1898

01:22:06,229 --> 01:22:03,679

because it won't deflate there

1899

01:22:07,669 --> 01:22:06,239

once companies view it more in that with

1900

01:22:10,470 --> 01:22:07,679

that prism

1901

01:22:14,070 --> 01:22:10,480

that will be an inflection point akin to

1902

01:22:15,910 --> 01:22:14,080

how the internet took off in 1997 and

1903

01:22:19,189 --> 01:22:15,920

the price of bitcoin in my mind will

1904

01:22:21,590 --> 01:22:19,199

skyrocket along with many other worthy

1905

01:22:22,830 --> 01:22:21,600

cryptocurrencies will there ever be a

1906

01:22:25,430 --> 01:22:22,840

point

1907

01:22:29,270 --> 01:22:25,440

of uh

1908

01:22:32,550 --> 01:22:29,280

the government or any agency being able

1909

01:22:35,030 --> 01:22:32,560

to crack and monitor uh

1910

01:22:36,070 --> 01:22:35,040

cryptos

1911

01:22:39,750 --> 01:22:36,080

so

1912

01:22:42,709 --> 01:22:39,760

of one of the things the connective

1913

01:22:44,470 --> 01:22:42,719

tissues between bitcoin and ufos

1914

01:22:46,950 --> 01:22:44,480

so

1915

01:22:48,709 --> 01:22:46,960

of

1916

01:22:50,629 --> 01:22:48,719

following in my father's footsteps you

1917

01:22:52,390 --> 01:22:50,639

know he created a classification system

1918

01:22:53,669 --> 01:22:52,400

for ufos close encounters for a second

1919

01:22:55,669 --> 01:22:53,679

third kind

1920

01:22:57,750 --> 01:22:55,679

it doesn't speak to the communications

1921

01:22:58,470 --> 01:22:57,760

that took place so i'd like to help sort

1922

01:23:00,870 --> 01:22:58,480

of

1923

01:23:02,550 --> 01:23:00,880

classify communications

1924

01:23:03,830 --> 01:23:02,560

and i've been thinking a lot about that

1925

01:23:05,270 --> 01:23:03,840

and

1926

01:23:06,470 --> 01:23:05,280

i started thinking about well on a

1927

01:23:07,669 --> 01:23:06,480

larger scale

1928

01:23:10,790 --> 01:23:07,679

how would

1929

01:23:12,790 --> 01:23:10,800

planet earth communicate with the

1930

01:23:16,310 --> 01:23:12,800

pleiadians or

1931

01:23:18,709 --> 01:23:16,320

you know from alpha centauri etc on a

1932

01:23:20,470 --> 01:23:18,719

civilization level scale

1933

01:23:22,470 --> 01:23:20,480

and conduct

1934

01:23:24,550 --> 01:23:22,480

trade or something like that

1935

01:23:25,669 --> 01:23:24,560

and for me it would have to be with a

1936

01:23:28,550 --> 01:23:25,679

blockchain

1937

01:23:31,510 --> 01:23:28,560

it because it's a trustless verifiable

1938

01:23:33,430 --> 01:23:31,520

immutable protocol that's really geared

1939

01:23:34,950 --> 01:23:33,440

for two

1940

01:23:37,430 --> 01:23:34,960

civilizations

1941

01:23:40,070 --> 01:23:37,440

that don't have relationship to be able

1942

01:23:42,149 --> 01:23:40,080

to talk to each other so as i started

1943

01:23:43,350 --> 01:23:42,159

thinking about that i thought okay ufos

1944

01:23:46,070 --> 01:23:43,360

and crypto what else do they have in

1945

01:23:48,149 --> 01:23:46,080

common and i'm not the only one to think

1946

01:23:49,910 --> 01:23:48,159

about this you mentioned avi loeb at the

1947

01:23:52,629 --> 01:23:49,920

top of the show you know the harvard

1948

01:23:55,590 --> 01:23:52,639

astronomer who's tracking umuah

1949

01:23:56,870 --> 01:23:55,600

he spoke at a bitcoin conference last

1950

01:23:59,030 --> 01:23:56,880

friday

1951

01:24:01,910 --> 01:23:59,040

about the similarities he also sees

1952

01:24:04,390 --> 01:24:01,920

between bitcoin and crypto and i'm going

1953

01:24:07,270 --> 01:24:04,400

to be speaking with him on a panel

1954

01:24:11,270 --> 01:24:07,280

at the ufo disclosure symposium

1955

01:24:13,350 --> 01:24:11,280

in utah on may 27th or may 28th perhaps

1956

01:24:14,470 --> 01:24:13,360

um and so i'll have a lot to talk with

1957

01:24:15,750 --> 01:24:14,480

him about

1958

01:24:17,189 --> 01:24:15,760

one of the things he mentioned this

1959

01:24:18,709 --> 01:24:17,199

circles back to what you mentioned about

1960

01:24:20,950 --> 01:24:18,719

the government jimmy

1961

01:24:23,350 --> 01:24:20,960

is the kind of commonality in both

1962

01:24:26,149 --> 01:24:23,360

situations and the way i see it

1963

01:24:28,229 --> 01:24:26,159

in both ufos and crypto

1964

01:24:30,629 --> 01:24:28,239

the government to say the us government

1965

01:24:33,430 --> 01:24:30,639

is a centralized actor

1966

01:24:36,070 --> 01:24:33,440

we don't know really what they have

1967

01:24:39,830 --> 01:24:36,080

and we don't know what they'll say

1968

01:24:42,790 --> 01:24:39,840

in ufos what that means is we don't know

1969

01:24:45,750 --> 01:24:42,800

well there's not a universal consensus

1970

01:24:49,189 --> 01:24:45,760

on do they have alien bodies do they

1971

01:24:51,830 --> 01:24:49,199

have retrieved crashed saucers do they

1972

01:24:54,149 --> 01:24:51,840

have hybrid human aliens

1973

01:24:55,110 --> 01:24:54,159

there's not a definitive answer for that

1974

01:24:58,550 --> 01:24:55,120

and

1975

01:25:02,070 --> 01:24:58,560

what will they disclose are we now in a

1976

01:25:04,790 --> 01:25:02,080

process of lowercase d disclosure with

1977

01:25:07,510 --> 01:25:04,800

an accelerating editorial schedule

1978

01:25:09,910 --> 01:25:07,520

priming the pump for a big signal

1979

01:25:11,510 --> 01:25:09,920

capital d disclosure landing on the

1980

01:25:14,229 --> 01:25:11,520

white house lawn

1981

01:25:16,470 --> 01:25:14,239

i i don't know and frankly i no longer

1982

01:25:18,870 --> 01:25:16,480

give a rat's ass what the government has

1983

01:25:21,030 --> 01:25:18,880

to say they've been disinforming us for

1984

01:25:23,030 --> 01:25:21,040

decades and i don't feel like being

1985

01:25:25,510 --> 01:25:23,040

drawn along by them anymore

1986

01:25:27,669 --> 01:25:25,520

for with crypto

1987

01:25:29,270 --> 01:25:27,679

there are rumors and i i got something

1988

01:25:31,110 --> 01:25:29,280

to point to this

1989

01:25:33,750 --> 01:25:31,120

that maybe it was the cia who created

1990

01:25:35,830 --> 01:25:33,760

bitcoin or that the cia and other

1991

01:25:37,110 --> 01:25:35,840

agencies in the government have a lot of

1992

01:25:39,669 --> 01:25:37,120

bitcoin

1993

01:25:42,149 --> 01:25:39,679

that allow them to use off off-balance

1994

01:25:44,550 --> 01:25:42,159

sheet funds for black ops like iran

1995

01:25:46,790 --> 01:25:44,560

contra gate okay so we don't know what

1996

01:25:49,189 --> 01:25:46,800

they have and we don't know what they're

1997

01:25:51,669 --> 01:25:49,199

going to say and in the crypto lens that

1998

01:25:53,669 --> 01:25:51,679

comes down to regulation what will they

1999

01:25:54,470 --> 01:25:53,679

do how will they try to regulate this

2000

01:25:56,229 --> 01:25:54,480

because

2001

01:25:58,709 --> 01:25:56,239

the u.s government

2002

01:26:00,550 --> 01:25:58,719

should view cryptocurrency

2003

01:26:01,669 --> 01:26:00,560

as a threat to them because they've had

2004

01:26:03,110 --> 01:26:01,679

this

2005

01:26:05,350 --> 01:26:03,120

abusive

2006

01:26:08,149 --> 01:26:05,360

criminal monopoly

2007

01:26:10,709 --> 01:26:08,159

ability to steal value from all of us

2008

01:26:12,629 --> 01:26:10,719

for decades and that's coming to an end

2009

01:26:15,910 --> 01:26:12,639

with the sort of

2010

01:26:17,750 --> 01:26:15,920

disruptive cleansing effect of

2011

01:26:19,189 --> 01:26:17,760

democratizing

2012

01:26:20,629 --> 01:26:19,199

equitable

2013

01:26:22,709 --> 01:26:20,639

way to relate to money that is

2014

01:26:26,030 --> 01:26:22,719

cryptocurrency you know the the center

2015

01:26:27,830 --> 01:26:26,040

or the core ethos of cryptocurrency is

2016

01:26:29,910 --> 01:26:27,840

decentralization

2017

01:26:30,629 --> 01:26:29,920

you and i can conduct something between

2018

01:26:32,070 --> 01:26:30,639

us

2019

01:26:34,790 --> 01:26:32,080

even if we don't know each other and

2020

01:26:36,709 --> 01:26:34,800

there's protocols and smart contracts so

2021

01:26:38,950 --> 01:26:36,719

it can be a trustless protocol i don't

2022

01:26:40,790 --> 01:26:38,960

have to trust you and we can make sure

2023

01:26:43,990 --> 01:26:40,800

neither of us cheat each other it's

2024

01:26:47,590 --> 01:26:44,000

immutable it's instant it can be free

2025

01:26:50,470 --> 01:26:47,600

and it's math based and we don't need

2026

01:26:52,950 --> 01:26:50,480

an uncle sam or a bank of america

2027

01:26:55,830 --> 01:26:52,960

taking a big cut of that transaction

2028

01:26:59,110 --> 01:26:55,840

it's also the most democratizing

2029

01:27:02,390 --> 01:26:59,120

enfranchising bitcoin is already

2030

01:27:03,430 --> 01:27:02,400

the most widely distributed asset in the

2031

01:27:06,310 --> 01:27:03,440

world

2032

01:27:08,470 --> 01:27:06,320

anybody with a cell phone or laptop can

2033

01:27:09,750 --> 01:27:08,480

buy bitcoin it's like if you look back

2034

01:27:12,709 --> 01:27:09,760

100 years

2035

01:27:15,189 --> 01:27:12,719

the most pristine asset was probably a

2036

01:27:17,590 --> 01:27:15,199

block of manhattan real estate

2037

01:27:20,390 --> 01:27:17,600

well you had to be named cornelius of

2038

01:27:23,430 --> 01:27:20,400

vanderbilt to buy that now

2039

01:27:26,470 --> 01:27:23,440

a migrant worker in paraguay can buy

2040

01:27:29,510 --> 01:27:26,480

bitcoin for his family and and achieve

2041

01:27:31,830 --> 01:27:29,520

wealth in several years so you have this

2042

01:27:32,550 --> 01:27:31,840

ability for everybody to participate in

2043

01:27:33,830 --> 01:27:32,560

this

2044

01:27:37,189 --> 01:27:33,840

and

2045

01:27:39,510 --> 01:27:37,199

realizing the government is not a

2046

01:27:42,070 --> 01:27:39,520

faithful actor in the ufo field they

2047

01:27:43,350 --> 01:27:42,080

have their agenda and look i if i was

2048

01:27:46,629 --> 01:27:43,360

the government maybe i would not

2049

01:27:48,470 --> 01:27:46,639

disclose area 51 and things like that

2050

01:27:49,750 --> 01:27:48,480

but from a public point of view they're

2051

01:27:51,590 --> 01:27:49,760

not acting

2052

01:27:53,910 --> 01:27:51,600

the way we want we are you know chris

2053

01:27:55,189 --> 01:27:53,920

mellon and others are are forcing

2054

01:27:56,950 --> 01:27:55,199

information out of them and john

2055

01:27:59,030 --> 01:27:56,960

greenwald just got a big bunch of

2056

01:28:01,189 --> 01:27:59,040

information but they're doing it

2057

01:28:03,270 --> 01:28:01,199

unwillingly and same thing with

2058

01:28:05,270 --> 01:28:03,280

cryptocurrency they're trying to

2059

01:28:06,950 --> 01:28:05,280

regulate it in a way to protect their

2060

01:28:08,470 --> 01:28:06,960

corrupt monopoly

2061

01:28:10,870 --> 01:28:08,480

now

2062

01:28:12,470 --> 01:28:10,880

here's a connection between bitcoin and

2063

01:28:15,350 --> 01:28:12,480

ufos

2064

01:28:18,149 --> 01:28:15,360

how many bitcoins would you spend to get

2065

01:28:21,510 --> 01:28:19,350

whoa

2066

01:28:24,950 --> 01:28:21,520

jimmy you're making my mind burst

2067

01:28:26,550 --> 01:28:24,960

because i will never spend a bitcoin on

2068

01:28:28,629 --> 01:28:26,560

anything

2069

01:28:31,430 --> 01:28:28,639

what i tell people and so

2070

01:28:33,750 --> 01:28:31,440

you you know our our mutual friends

2071

01:28:36,470 --> 01:28:33,760

paola harris and jacques valet very well

2072

01:28:38,790 --> 01:28:36,480

sure i've had lots of conversation over

2073

01:28:40,629 --> 01:28:38,800

my whole life with both jacques and

2074

01:28:43,990 --> 01:28:40,639

paula and recently

2075

01:28:45,189 --> 01:28:44,000

i have been badgering them to buy

2076

01:28:48,149 --> 01:28:45,199

bitcoin

2077

01:28:49,830 --> 01:28:48,159

and and they now have and and jacques

2078

01:28:52,070 --> 01:28:49,840

has really plunged into it because he's

2079

01:28:53,910 --> 01:28:52,080

such a technically savvy guy

2080

01:28:55,590 --> 01:28:53,920

and he's asking about quantum decryption

2081

01:28:56,629 --> 01:28:55,600

and all this so they both now have

2082

01:28:58,550 --> 01:28:56,639

bitcoin

2083

01:29:01,189 --> 01:28:58,560

and

2084

01:29:03,590 --> 01:29:01,199

what i told them especially paola who

2085

01:29:05,590 --> 01:29:03,600

she's not that she just doesn't care so

2086

01:29:07,510 --> 01:29:05,600

much about it but if she thinks that i

2087

01:29:09,189 --> 01:29:07,520

feel it's a good safe thing to do then

2088

01:29:10,950 --> 01:29:09,199

she's happy to do that she's got more

2089

01:29:13,669 --> 01:29:10,960

important things than to learn about

2090

01:29:16,470 --> 01:29:13,679

other cryptocurrencies so what i tell

2091

01:29:18,310 --> 01:29:16,480

her and and jacques and others if you

2092

01:29:19,669 --> 01:29:18,320

don't have the interest or time to learn

2093

01:29:21,030 --> 01:29:19,679

about them all

2094

01:29:24,629 --> 01:29:21,040

jbb

2095

01:29:26,149 --> 01:29:24,639

just buy bitcoin now the other part is

2096

01:29:29,910 --> 01:29:26,159

nsb

2097

01:29:31,830 --> 01:29:29,920

never sell bitcoin

2098

01:29:33,669 --> 01:29:31,840

but never ever sell it oh okay so i'm

2099

01:29:35,910 --> 01:29:33,679

confused for a ride on an alien

2100

01:29:36,790 --> 01:29:35,920

spaceship do not sell your bitcoin so do

2101

01:29:42,470 --> 01:29:36,800

you

2102

01:29:44,790 --> 01:29:42,480

so now we get to sort of some of the nub

2103

01:29:46,470 --> 01:29:44,800

of it bitcoin is a currency that can be

2104

01:29:49,189 --> 01:29:46,480

used for transactions

2105

01:29:52,870 --> 01:29:49,199

the value i and many others see in it is

2106

01:29:53,669 --> 01:29:52,880

as a store of value

2107

01:29:55,270 --> 01:29:53,679

so

2108

01:29:57,270 --> 01:29:55,280

you know that's one of the principal

2109

01:30:00,310 --> 01:29:57,280

characteristics of money it's a medium

2110

01:30:02,950 --> 01:30:00,320

of exchange and it's a store of value

2111

01:30:06,149 --> 01:30:02,960

let's say you are in the middle ages a

2112

01:30:08,950 --> 01:30:06,159

leather tanner and you work all day what

2113

01:30:11,270 --> 01:30:08,960

would you like to receive value in

2114

01:30:13,590 --> 01:30:11,280

corn from the field which you can eat

2115

01:30:15,910 --> 01:30:13,600

but you can't do much with

2116

01:30:17,990 --> 01:30:15,920

a piece of silver is much better right

2117

01:30:19,750 --> 01:30:18,000

it's fungible you can translate it to

2118

01:30:21,270 --> 01:30:19,760

you can transfer it to somebody else you

2119

01:30:23,430 --> 01:30:21,280

can put it under your mattress and

2120

01:30:26,550 --> 01:30:23,440

you'll have value the next day

2121

01:30:28,870 --> 01:30:26,560

but with inflation eroding the value of

2122

01:30:33,189 --> 01:30:28,880

that dollars even in your bank account

2123

01:30:35,270 --> 01:30:33,199

someplace safe you will lose 10 or 20 of

2124

01:30:38,470 --> 01:30:35,280

your value by next year

2125

01:30:39,830 --> 01:30:38,480

bitcoin doesn't have that so it stores

2126  
01:30:42,229 --> 01:30:39,840  
your value

2127  
01:30:45,750 --> 01:30:42,239  
bitcoin in its history

2128  
01:30:48,950 --> 01:30:45,760  
is oh by the way the best appreciating

2129  
01:30:52,149 --> 01:30:48,960  
asset of all time but it's it's not

2130  
01:30:53,990 --> 01:30:52,159  
it's it doesn't have value until you

2131  
01:30:57,350 --> 01:30:54,000  
sell it

2132  
01:30:59,189 --> 01:30:57,360  
yes it does mr church because you can

2133  
01:31:01,510 --> 01:30:59,199  
borrow against it

2134  
01:31:03,830 --> 01:31:01,520  
and you can earn the equivalent of

2135  
01:31:06,790 --> 01:31:03,840  
interest with it

2136  
01:31:09,510 --> 01:31:06,800  
oh but that interest

2137  
01:31:10,709 --> 01:31:09,520  
is only if you sell it i you know no no

2138  
01:31:12,229 --> 01:31:10,719

no what i'm saying like if you have

2139

01:31:14,390 --> 01:31:12,239

money in a bank account

2140

01:31:17,110 --> 01:31:14,400

bank of america is so generous they're

2141

01:31:18,870 --> 01:31:17,120

going to give you like 0.0001 interest

2142

01:31:21,189 --> 01:31:18,880

on the money in your account in a

2143

01:31:22,870 --> 01:31:21,199

savings account sure sure

2144

01:31:24,629 --> 01:31:22,880

with bitcoin you get a lot more you get

2145

01:31:25,830 --> 01:31:24,639

one two maybe three or four or five

2146

01:31:27,990 --> 01:31:25,840

percent

2147

01:31:29,430 --> 01:31:28,000

interest on your bitcoin without losing

2148

01:31:30,550 --> 01:31:29,440

your bitcoin

2149

01:31:33,030 --> 01:31:30,560

okay

2150

01:31:35,350 --> 01:31:33,040

but here and i just blew past the

2151  
01:31:38,229 --> 01:31:35,360  
commercial i'm just going to say this in

2152  
01:31:42,709 --> 01:31:41,189  
i have a drawer full of dollar bills

2153  
01:31:46,229 --> 01:31:42,719  
right 20s

2154  
01:31:48,470 --> 01:31:46,239  
ones whatever is that door lock and and

2155  
01:31:50,550 --> 01:31:48,480  
it's not worth anything until i spend it

2156  
01:31:52,870 --> 01:31:50,560  
it's just paper

2157  
01:31:54,709 --> 01:31:52,880  
and it's is it it's the same thing with

2158  
01:31:56,070 --> 01:31:54,719  
bitcoin you could have a thousand

2159  
01:31:58,149 --> 01:31:56,080  
bitcoins

2160  
01:32:00,310 --> 01:31:58,159  
but it's not worth anything unless you

2161  
01:32:03,189 --> 01:32:00,320  
either exchange it or spend it on

2162  
01:32:05,030 --> 01:32:03,199  
something no it maintains its value and

2163  
01:32:06,790 --> 01:32:05,040

that value is expressed in whenever you

2164

01:32:09,510 --> 01:32:06,800

make a transaction but it has not lost

2165

01:32:11,430 --> 01:32:09,520

its value the dollars in your drawer are

2166

01:32:13,189 --> 01:32:11,440

going to be worth less a year from now

2167

01:32:14,870 --> 01:32:13,199

than they are now but they haven't lost

2168

01:32:17,270 --> 01:32:14,880

their value because it has stored that

2169

01:32:20,070 --> 01:32:17,280

value okay i'll give you another example

2170

01:32:21,510 --> 01:32:20,080

i have a drawer full of gold bars

2171

01:32:23,510 --> 01:32:21,520

and i do

2172

01:32:24,390 --> 01:32:23,520

but they're just gold bars i can't eat

2173

01:32:26,870 --> 01:32:24,400

them

2174

01:32:28,870 --> 01:32:26,880

the only way they have value is if i do

2175

01:32:30,709 --> 01:32:28,880

something with them

2176

01:32:32,790 --> 01:32:30,719

right but they don't lose their value

2177

01:32:35,350 --> 01:32:32,800

between when you purchase them and when

2178

01:32:37,110 --> 01:32:35,360

you sell them they they maintain that

2179

01:32:38,310 --> 01:32:37,120

value you're just not able to do

2180

01:32:40,470 --> 01:32:38,320

anything with them until you do the

2181

01:32:43,270 --> 01:32:40,480

transaction see but that's why gold and

2182

01:32:45,510 --> 01:32:43,280

dollars and bitcoin are what you put

2183

01:32:47,590 --> 01:32:45,520

your value in as opposed to something

2184

01:32:49,270 --> 01:32:47,600

perishable like a bushel of corn right

2185

01:32:51,189 --> 01:32:49,280

right and that's why you're the smart

2186

01:32:54,390 --> 01:32:51,199

guy in the room and i'm just a radio

2187

01:32:56,790 --> 01:32:54,400

show host this is fade to black my guest

2188

01:32:58,229 --> 01:32:56,800

tonight paul heineck i can try to be

2189

01:32:59,669 --> 01:32:58,239

devil's advocate but i'm not going to

2190

01:33:01,830 --> 01:32:59,679

get anywhere

2191

01:33:04,629 --> 01:33:01,840

we'll be right back after this short

2192

01:33:12,630 --> 01:33:04,639

break it is bitcoin and ufos tonight

2193

01:33:12,640 --> 01:33:23,510

[Music]

2194

01:33:28,810 --> 01:33:26,629

way out here we listen to jimmy church

2195

01:33:31,430 --> 01:33:28,820

you're listening to fade to black

2196

01:33:33,590 --> 01:33:31,440

[Applause]

2197

01:33:40,170 --> 01:33:33,600

you're listening to jimmy church and

2198

01:33:40,180 --> 01:33:45,510

[Applause]

2199

01:33:45,520 --> 01:33:53,590

jimmy church radio

2200

01:33:59,910 --> 01:33:55,430

this is jimmy church of fade to black

2201  
01:34:02,629 --> 01:33:59,920  
and this year june 18 2022

2202  
01:34:05,270 --> 01:34:02,639  
the disclosure fest foundation presents

2203  
01:34:08,870 --> 01:34:05,280  
the mass meditation initiative it's

2204  
01:34:11,430 --> 01:34:08,880  
saturday june 18th from 10 a.m to 10 p.m

2205  
01:34:13,910 --> 01:34:11,440  
one day only at the los angeles state

2206  
01:34:17,030 --> 01:34:13,920  
historic park in downtown los angeles

2207  
01:34:19,430 --> 01:34:17,040  
california right next to chinatown i'm

2208  
01:34:22,709 --> 01:34:19,440  
hosting the event again this year with

2209  
01:34:26,149 --> 01:34:22,719  
music performances by trevor hall the

2210  
01:34:29,430 --> 01:34:26,159  
desert dwellers poor on ghee and many

2211  
01:34:33,350 --> 01:34:29,440  
many more on four separate stages

2212  
01:34:36,229 --> 01:34:33,360  
there's 16 stages in total over 30 acres

2213  
01:34:38,629 --> 01:34:36,239

in downtown los angeles with vendors and

2214

01:34:40,870 --> 01:34:38,639

tents and presentations and workshops

2215

01:34:43,270 --> 01:34:40,880

with billy carson adam apollo lori

2216

01:34:45,750 --> 01:34:43,280

spania laura eisenhower brattles and

2217

01:34:48,350 --> 01:34:45,760

david palmer and many many more it's all

2218

01:34:50,149 --> 01:34:48,360

simple to do just go to

2219

01:34:52,390 --> 01:34:50,159

disclosurefest.org for all of your

2220

01:34:53,990 --> 01:34:52,400

tickets information and a full schedule

2221

01:34:55,030 --> 01:34:54,000

of the day's events

2222

01:34:57,480 --> 01:34:55,040

again

2223

01:35:01,510 --> 01:34:57,490

disclosurefest.org

2224

01:35:03,590 --> 01:35:01,520

[Music]

2225

01:35:06,229 --> 01:35:03,600

do you want to be an official fate or

2226

01:35:08,470 --> 01:35:06,239

not of course you do this is jimmy

2227

01:35:10,669 --> 01:35:08,480

churchill fade to black just go to our

2228

01:35:12,229 --> 01:35:10,679

membership section at

2229

01:35:14,229 --> 01:35:12,239

jimmychurchradio.com

2230

01:35:16,070 --> 01:35:14,239

vader knots when you think about the

2231

01:35:17,910 --> 01:35:16,080

future of our country and where we're

2232

01:35:21,030 --> 01:35:17,920

headed do you wonder about the food

2233

01:35:23,189 --> 01:35:21,040

supply i do disruptions in the food

2234

01:35:25,990 --> 01:35:23,199

supply chain could be disastrous and

2235

01:35:27,990 --> 01:35:26,000

they usually occur with little warning

2236

01:35:30,950 --> 01:35:28,000

that's why the smartest thing you can do

2237

01:35:33,990 --> 01:35:30,960

today is to stockpile emergency food

2238

01:35:36,709 --> 01:35:34,000

water and other essentials i personally

2239

01:35:39,030 --> 01:35:36,719

recommend my patriot supply they're the

2240

01:35:41,590 --> 01:35:39,040

nation's largest emergency preparedness

2241

01:35:44,070 --> 01:35:41,600

company serving millions of customers

2242

01:35:46,790 --> 01:35:44,080

for more than a decade in fact they're

2243

01:35:49,590 --> 01:35:46,800

the only source my family trusts for our

2244

01:35:52,149 --> 01:35:49,600

preparedness plan you should too

2245

01:35:54,390 --> 01:35:52,159

right now save twenty percent off a full

2246

01:35:57,109 --> 01:35:54,400

four week supply of delicious meals that

2247

01:35:59,189 --> 01:35:57,119

provide two thousand calories a day

2248

01:36:02,550 --> 01:35:59,199

saving twenty percent helps too doesn't

2249

01:36:05,750 --> 01:36:02,560

it especially now so go to prepare with

2250

01:36:09,350 --> 01:36:05,760

jimmy.com and get ready that's prepare

2251  
01:36:11,910 --> 01:36:09,360  
with jimmy.com there's no time to lose

2252  
01:36:14,950 --> 01:36:11,920  
do it now

2253  
01:36:17,189 --> 01:36:14,960  
so you love talk radio then you'll love

2254  
01:36:20,310 --> 01:36:17,199  
talkstreamlive.com

2255  
01:36:22,550 --> 01:36:20,320  
talk stream live is always on 24 7 with

2256  
01:36:24,470 --> 01:36:22,560  
the best streaming talk shows find your

2257  
01:36:27,350 --> 01:36:24,480  
favorite talkers and discover some new

2258  
01:36:29,430 --> 01:36:27,360  
ones it's free readily available online

2259  
01:36:31,510 --> 01:36:29,440  
or on mobile with any smartphone or

2260  
01:36:34,070 --> 01:36:31,520  
tablet finding your favorite talk shows

2261  
01:36:35,870 --> 01:36:34,080  
all in one place has gotten a whole lot

2262  
01:36:42,370 --> 01:36:35,880  
easier just go to

2263  
01:36:52,470 --> 01:36:48,320

[Music]

2264

01:36:59,350 --> 01:36:54,550

you are listening to fate to black with

2265

01:37:04,790 --> 01:37:01,830

hi i'm rhys evans you're listening to

2266

01:37:07,590 --> 01:37:04,800

jimmy church this is revolution the

2267

01:37:10,870 --> 01:37:07,600

revolution will not be televised the

2268

01:37:15,580 --> 01:37:10,880

revolution is on radio

2269

01:37:15,590 --> 01:37:39,750

[Music]

2270

01:37:39,760 --> 01:37:44,680

foreign

2271

01:37:44,690 --> 01:37:54,310

[Music]

2272

01:37:57,750 --> 01:37:56,070

welcome back fade to black i am your

2273

01:37:59,350 --> 01:37:57,760

host jimmy church tonight paul heineck

2274

01:38:02,790 --> 01:37:59,360

is with us we're talking about bitcoin

2275

01:38:04,629 --> 01:38:02,800

and ufos the connections and

2276

01:38:07,510 --> 01:38:04,639

uh okay i

2277

01:38:09,669 --> 01:38:07,520

i've got a couple of fundamental just

2278

01:38:12,149 --> 01:38:09,679

basic questions

2279

01:38:14,470 --> 01:38:12,159

um and we'll just make this quick

2280

01:38:15,669 --> 01:38:14,480

because i want to get to uh connection

2281

01:38:16,790 --> 01:38:15,679

number two

2282

01:38:17,830 --> 01:38:16,800

um

2283

01:38:19,590 --> 01:38:17,840

is this

2284

01:38:22,870 --> 01:38:19,600

so

2285

01:38:25,030 --> 01:38:22,880

here's my bitcoin wallet right

2286

01:38:27,669 --> 01:38:25,040

and i hear the recommendations are to

2287

01:38:28,870 --> 01:38:27,679

put your wallet on a usb drive and not

2288

01:38:30,390 --> 01:38:28,880

your computer

2289

01:38:32,229 --> 01:38:30,400

but i think you should put your wallet

2290

01:38:34,229 --> 01:38:32,239

in the same drawer as your cash and the

2291

01:38:36,790 --> 01:38:34,239

same drawer as your gold and leave your

2292

01:38:40,629 --> 01:38:36,800

door unlocked tonight until about 11 p.m

2293

01:38:48,470 --> 01:38:43,990

and here's the deal so uh solar flare

2294

01:38:51,910 --> 01:38:48,480

some emp whatever and this gets erased

2295

01:38:53,189 --> 01:38:51,920

am i am i am i ass out

2296

01:38:55,910 --> 01:38:53,199

uh

2297

01:38:59,510 --> 01:38:55,920

that's a colorful phrase i think you are

2298

01:39:01,910 --> 01:38:59,520

not ass out because uh in the earlier

2299

01:39:03,350 --> 01:39:01,920

days it used to be hardware dependent

2300

01:39:04,709 --> 01:39:03,360

and you may have heard that story about

2301

01:39:07,510 --> 01:39:04,719

the guy who's trying to get his hard

2302

01:39:09,350 --> 01:39:07,520

drive out of the dump in england now

2303

01:39:11,750 --> 01:39:09,360

it's your passphrase

2304

01:39:13,669 --> 01:39:11,760

and the hardware is not incidental you

2305

01:39:16,870 --> 01:39:13,679

don't want to lose it but it's the

2306

01:39:19,669 --> 01:39:16,880

passphrase either 12 words or 24 words

2307

01:39:21,830 --> 01:39:19,679

and that's the key not your password not

2308

01:39:24,229 --> 01:39:21,840

that's your that's literally your key

2309

01:39:27,350 --> 01:39:24,239

not your key not your coins people in

2310

01:39:29,910 --> 01:39:27,360

crypto say so you can lose that device

2311

01:39:32,790 --> 01:39:29,920

and you can recover it because it's not

2312

01:39:34,629 --> 01:39:32,800

really physically on there it's the pass

2313

01:39:36,470 --> 01:39:34,639

phrase that's important and you can have

2314

01:39:38,470 --> 01:39:36,480

that on a piece of paper you don't want

2315

01:39:40,390 --> 01:39:38,480

to store that electronically have it on

2316

01:39:43,270 --> 01:39:40,400

a piece of paper hidden in your house

2317

01:39:44,950 --> 01:39:43,280

in a safe deposit box uh you know at

2318

01:39:48,550 --> 01:39:44,960

your mom's house under the cookie jar

2319

01:39:50,950 --> 01:39:48,560

etc or committed to your memory

2320

01:39:52,709 --> 01:39:50,960

sure and with a hypnosis on call a

2321

01:39:54,950 --> 01:39:52,719

hypnotist on call

2322

01:39:57,990 --> 01:39:54,960

your past phrase could be the first two

2323

01:40:00,629 --> 01:39:58,000

verses uh for stairway to heaven

2324

01:40:02,950 --> 01:40:00,639

no your passphrase uh luckily is not

2325

01:40:05,030 --> 01:40:02,960

allowed to be the first verse of a song

2326

01:40:06,470 --> 01:40:05,040

it's given to you randomly even a song

2327

01:40:08,390 --> 01:40:06,480

is memorable stairway to heaven my

2328

01:40:11,270 --> 01:40:08,400

friend oh

2329

01:40:14,470 --> 01:40:11,280

okay so you couldn't well you could

2330

01:40:16,629 --> 01:40:14,480

er yuri geller could remember it maybe

2331

01:40:18,870 --> 01:40:16,639

but i i get what you're saying okay so

2332

01:40:22,790 --> 01:40:18,880

it's a random generated

2333

01:40:23,750 --> 01:40:22,800

uh uh 24 word passphrase yeah and that's

2334

01:40:25,350 --> 01:40:23,760

you know it brings up one of the

2335

01:40:26,470 --> 01:40:25,360

important concepts to understand with

2336

01:40:29,270 --> 01:40:26,480

crypto

2337

01:40:31,830 --> 01:40:29,280

is that you know within a centralized

2338

01:40:33,830 --> 01:40:31,840

system that's corrupt you know the about

2339

01:40:36,390 --> 01:40:33,840

two billion people in the world are

2340

01:40:38,149 --> 01:40:36,400

unbanked means they're effectively shut

2341

01:40:40,149 --> 01:40:38,159

out of the financial system correct

2342

01:40:42,790 --> 01:40:40,159

another few billion are preyed upon by

2343

01:40:45,030 --> 01:40:42,800

usurious credit card companies etc

2344

01:40:46,229 --> 01:40:45,040

this is the centralized financial system

2345

01:40:48,629 --> 01:40:46,239

we live in

2346

01:40:51,510 --> 01:40:48,639

the sort of convenience for us is that

2347

01:40:54,229 --> 01:40:51,520

we have a bank if something goes wrong

2348

01:40:56,310 --> 01:40:54,239

we have someone's throat we can choke

2349

01:40:59,590 --> 01:40:56,320

you know there's fdic insurance and all

2350

01:41:02,790 --> 01:40:59,600

that we're not responsible well

2351  
01:41:04,709 --> 01:41:02,800  
with crypto you're not paying those

2352  
01:41:06,629 --> 01:41:04,719  
for that bank that gives you bad service

2353  
01:41:09,270 --> 01:41:06,639  
you're getting much better interest you

2354  
01:41:12,310 --> 01:41:09,280  
don't have to wait to talk with them

2355  
01:41:14,709 --> 01:41:12,320  
but you also have more responsibility

2356  
01:41:16,790 --> 01:41:14,719  
now there's a burgeoning industry of

2357  
01:41:19,270 --> 01:41:16,800  
companies that would act similar to a

2358  
01:41:21,430 --> 01:41:19,280  
bank and take over that responsibility

2359  
01:41:23,669 --> 01:41:21,440  
but by and large the philosophical

2360  
01:41:26,790 --> 01:41:23,679  
difference is if you don't have this

2361  
01:41:29,030 --> 01:41:26,800  
centralized layer in between you and who

2362  
01:41:30,229 --> 01:41:29,040  
you'd like to conduct a transaction with

2363  
01:41:32,550 --> 01:41:30,239

you're going to bear more of the

2364

01:41:34,709 --> 01:41:32,560

responsibility and that comes down to

2365

01:41:36,149 --> 01:41:34,719

like a passphrase and it's getting

2366

01:41:38,870 --> 01:41:36,159

easier and easier

2367

01:41:41,270 --> 01:41:38,880

for us individuals to be comfortable

2368

01:41:44,390 --> 01:41:41,280

with that responsibility and not lose

2369

01:41:46,229 --> 01:41:44,400

bitcoin or other coins that we have now

2370

01:41:48,390 --> 01:41:46,239

and you had said earlier i want to move

2371

01:41:51,430 --> 01:41:48,400

on to ufos but um

2372

01:41:52,709 --> 01:41:51,440

you said that it will always hold its

2373

01:41:55,189 --> 01:41:52,719

value

2374

01:41:57,590 --> 01:41:55,199

but it was at like 60 grand a few months

2375

01:42:00,550 --> 01:41:57,600

ago and now it's half of that

2376

01:42:02,229 --> 01:42:00,560

so anybody that came in at 60 grand

2377

01:42:04,870 --> 01:42:02,239

uh might

2378

01:42:07,270 --> 01:42:04,880

might feel a little bit differently

2379

01:42:10,070 --> 01:42:07,280

might feel a bit queasy sure um there's

2380

01:42:12,950 --> 01:42:10,080

not one person in the history of bitcoin

2381

01:42:16,390 --> 01:42:12,960

who has purchased bitcoin

2382

01:42:18,790 --> 01:42:16,400

and not sold it who has

2383

01:42:21,109 --> 01:42:18,800

realized to regret it some people bought

2384

01:42:23,030 --> 01:42:21,119

it at 64. i bought someone 60 000 also

2385

01:42:24,629 --> 01:42:23,040

and it's come down to 40 000.

2386

01:42:26,629 --> 01:42:24,639

if you zoom out

2387

01:42:29,430 --> 01:42:26,639

like if you look at stocks over the last

2388

01:42:31,830 --> 01:42:29,440

200 years you can't even find the great

2389

01:42:33,030 --> 01:42:31,840

depression it's a tiny blip

2390

01:42:34,550 --> 01:42:33,040

bitcoin

2391

01:42:36,149 --> 01:42:34,560

started off

2392

01:42:38,390 --> 01:42:36,159

the first commercial transaction for

2393

01:42:39,350 --> 01:42:38,400

bitcoin is what they call bitcoin pizza

2394

01:42:43,350 --> 01:42:39,360

day

2395

01:42:45,590 --> 01:42:43,360

and that was on may 22nd 2010 a guy

2396

01:42:48,149 --> 01:42:45,600

named laszlo hagnex bought two pizzas

2397

01:42:51,430 --> 01:42:48,159

for 10 000 bitcoin

2398

01:42:54,149 --> 01:42:51,440

at that point he set the market rate or

2399

01:42:56,390 --> 01:42:54,159

the the price per coin

2400

01:42:59,910 --> 01:42:56,400

at .02

2401

01:43:02,310 --> 01:42:59,920

of a penny for bitcoin per penny

2402

01:43:03,990 --> 01:43:02,320

so yes in the last year which has been

2403

01:43:05,990 --> 01:43:04,000

kind of a tumultuous year and bitcoin is

2404

01:43:09,189 --> 01:43:06,000

still viewed as i said as a somewhat of

2405

01:43:13,030 --> 01:43:09,199

a risk on asset it's gone down

2406

01:43:16,149 --> 01:43:13,040

but it's gone up from a quarter of a

2407

01:43:17,109 --> 01:43:16,159

penny to 40 000

2408

01:43:19,510 --> 01:43:17,119

today

2409

01:43:22,149 --> 01:43:19,520

there is nothing in history that's had

2410

01:43:24,790 --> 01:43:22,159

that kind of appreciation and for people

2411

01:43:27,109 --> 01:43:24,800

who think oh i missed out is too late

2412

01:43:28,629 --> 01:43:27,119

fidelity investments hardly a

2413

01:43:30,790 --> 01:43:28,639

fly-by-night

2414

01:43:33,270 --> 01:43:30,800

cryptocurrency operation

2415

01:43:34,870 --> 01:43:33,280

has come out and publicly predicted and

2416

01:43:36,310 --> 01:43:34,880

you can look this up

2417

01:43:40,390 --> 01:43:36,320

they predict

2418

01:43:41,669 --> 01:43:40,400

in 16 years in the year 2038 that one

2419

01:43:45,590 --> 01:43:41,679

bitcoin

2420

01:43:47,109 --> 01:43:45,600

will be worth a billion dollars now that

2421

01:43:50,229 --> 01:43:47,119

may or may not happen

2422

01:43:53,990 --> 01:43:50,239

but fidelity has never come out

2423

01:43:57,910 --> 01:43:54,000

and made any kind of prediction

2424

01:44:00,070 --> 01:43:57,920

for any asset ever anything like that

2425

01:44:02,790 --> 01:44:00,080

and yet they do for bitcoin and they

2426

01:44:05,189 --> 01:44:02,800

already have said bitcoin is a superior

2427

01:44:07,109 --> 01:44:05,199

currency to the dollar so for a lot of

2428

01:44:08,870 --> 01:44:07,119

people who think okay i understand

2429

01:44:10,870 --> 01:44:08,880

bitcoin has had this amazing run if i

2430

01:44:13,750 --> 01:44:10,880

had bought you know 10 of them

2431

01:44:16,629 --> 01:44:13,760

25 years or 10 years ago i'd be rich

2432

01:44:18,470 --> 01:44:16,639

it's the best time now because bitcoin

2433

01:44:19,750 --> 01:44:18,480

was risky before it's hard to maintain

2434

01:44:22,629 --> 01:44:19,760

you could lose it like you said on a

2435

01:44:24,629 --> 01:44:22,639

wall et cetera it's not risky now if you

2436

01:44:26,870 --> 01:44:24,639

have a long-term point of view and if

2437

01:44:29,189 --> 01:44:26,880

you never sell it

2438

01:44:31,430 --> 01:44:29,199

it would take less than one bitcoin now

2439

01:44:33,590 --> 01:44:31,440

i believe not financial advice do your

2440

01:44:35,590 --> 01:44:33,600

own research to become independently

2441

01:44:37,830 --> 01:44:35,600

wealthy within a matter of years that's

2442

01:44:41,109 --> 01:44:37,840

how bullish i am on bitcoin now you

2443

01:44:42,229 --> 01:44:41,119

mentioned earlier about uh

2444

01:44:44,470 --> 01:44:42,239

uh

2445

01:44:45,990 --> 01:44:44,480

communication with et through the

2446

01:44:47,430 --> 01:44:46,000

blockchain

2447

01:44:48,790 --> 01:44:47,440

um

2448

01:44:52,149 --> 01:44:48,800

why

2449

01:44:54,390 --> 01:44:52,159

interesting we'll get into what the

2450

01:44:55,669 --> 01:44:54,400

blockchain is but why would you suggest

2451

01:44:56,550 --> 01:44:55,679

that

2452

01:44:58,229 --> 01:44:56,560

well

2453

01:45:00,790 --> 01:44:58,239

so let's say

2454

01:45:02,629 --> 01:45:00,800

that you are a different

2455

01:45:03,350 --> 01:45:02,639

planet and you've got a civilization

2456

01:45:04,790 --> 01:45:03,360

there

2457

01:45:06,550 --> 01:45:04,800

and you want to communicate with us

2458

01:45:08,870 --> 01:45:06,560

there's a whole lot of things and i you

2459

01:45:10,950 --> 01:45:08,880

know stephen wolfram did a really good

2460

01:45:13,350 --> 01:45:10,960

approach to this in the movie arrival

2461

01:45:14,950 --> 01:45:13,360

right with a non-linear language you

2462

01:45:17,270 --> 01:45:14,960

know we have to take in so many things

2463

01:45:20,070 --> 01:45:17,280

what is communication and so much of it

2464

01:45:22,709 --> 01:45:20,080

is sort of social context and there's so

2465

01:45:25,830 --> 01:45:22,719

many issues involved as you know desirer

2466

01:45:28,390 --> 01:45:25,840

and jj hertak are really steeped in in

2467

01:45:30,709 --> 01:45:28,400

terms of what is consciousness and what

2468

01:45:32,470 --> 01:45:30,719

would communicate a conversation and

2469

01:45:33,910 --> 01:45:32,480

would we even know that that other

2470

01:45:35,990 --> 01:45:33,920

entity is conscious

2471

01:45:37,990 --> 01:45:36,000

but it needs to boil down to some kind

2472

01:45:40,709 --> 01:45:38,000

of handshake some kind of

2473

01:45:43,590 --> 01:45:40,719

interstellar api if you will that allows

2474

01:45:46,149 --> 01:45:43,600

us to have beyond the same frequency and

2475

01:45:47,990 --> 01:45:46,159

something some similar semantic

2476

01:45:50,870 --> 01:45:48,000

construction

2477

01:45:52,550 --> 01:45:50,880

a blockchain is

2478

01:45:55,030 --> 01:45:52,560

you know bitcoin is a currency that

2479

01:45:57,669 --> 01:45:55,040

resides on a blockchain the blockchain

2480

01:46:00,390 --> 01:45:57,679

is a distributed ledger it's a database

2481

01:46:02,790 --> 01:46:00,400

it's a database that's shared over in

2482

01:46:05,030 --> 01:46:02,800

some cases millions of computers that

2483

01:46:07,830 --> 01:46:05,040

can't be tampered with by this or that

2484

01:46:10,550 --> 01:46:07,840

government it's a redundant way of

2485

01:46:13,350 --> 01:46:10,560

storing information that's immutable and

2486

01:46:16,149 --> 01:46:13,360

trustless and it's revolutionary in what

2487

01:46:18,950 --> 01:46:16,159

it does that way so for another

2488

01:46:20,149 --> 01:46:18,960

civilization to communicate with us

2489

01:46:23,270 --> 01:46:20,159

to

2490

01:46:25,109 --> 01:46:23,280

point where you have

2491

01:46:26,709 --> 01:46:25,119

conversations that are on record that

2492

01:46:29,430 --> 01:46:26,719

can't be changed or if you want to

2493

01:46:31,430 --> 01:46:29,440

transact value in some way

2494

01:46:33,109 --> 01:46:31,440

it's kind of like you know a richard

2495

01:46:34,310 --> 01:46:33,119

dawkins has the phrase convergent

2496

01:46:36,709 --> 01:46:34,320

evolution

2497

01:46:38,830 --> 01:46:36,719

that means that if you've got roughly

2498

01:46:41,669 --> 01:46:38,840

similar environmental

2499

01:46:43,830 --> 01:46:41,679

situations organisms will probably

2500

01:46:45,750 --> 01:46:43,840

evolve to be roughly similar because

2501  
01:46:46,709 --> 01:46:45,760  
it's evolutionary advantageous to do

2502  
01:46:49,189 --> 01:46:46,719  
that

2503  
01:46:50,390 --> 01:46:49,199  
here i call this convergent blockchain

2504  
01:46:51,430 --> 01:46:50,400  
evolution

2505  
01:46:53,350 --> 01:46:51,440  
that

2506  
01:46:54,950 --> 01:46:53,360  
every civilization

2507  
01:46:56,790 --> 01:46:54,960  
if they have

2508  
01:46:58,550 --> 01:46:56,800  
and i'm i'm leaning on a lot of things i

2509  
01:47:00,870 --> 01:46:58,560  
found online for this

2510  
01:47:04,070 --> 01:47:00,880  
that if they have

2511  
01:47:06,629 --> 01:47:04,080  
some characteristics of

2512  
01:47:09,189 --> 01:47:06,639  
they have a society with individuals who

2513  
01:47:11,590 --> 01:47:09,199

have rational self-interest if they have

2514

01:47:13,270 --> 01:47:11,600

finite resources and they don't have

2515

01:47:14,709 --> 01:47:13,280

magic let's say they have to obey

2516

01:47:16,229 --> 01:47:14,719

physical laws

2517

01:47:19,189 --> 01:47:16,239

i believe

2518

01:47:21,030 --> 01:47:19,199

they will develop a blockchain

2519

01:47:23,510 --> 01:47:21,040

and have currencies on top of that

2520

01:47:26,070 --> 01:47:23,520

because that's the way that you get past

2521

01:47:28,790 --> 01:47:26,080

the influence of any government and the

2522

01:47:31,270 --> 01:47:28,800

abuses of that and that allows everybody

2523

01:47:33,910 --> 01:47:31,280

to have trust in the currency because

2524

01:47:36,629 --> 01:47:33,920

nobody can change it nobody can inflate

2525

01:47:39,350 --> 01:47:36,639

it past the contract so i think it's

2526

01:47:41,430 --> 01:47:39,360

inevitable thing and to me it's kind of

2527

01:47:43,910 --> 01:47:41,440

like the corollary to

2528

01:47:47,030 --> 01:47:43,920

a lot of people in the ufo field are

2529

01:47:50,229 --> 01:47:47,040

concerned about nuclear energy and

2530

01:47:52,629 --> 01:47:50,239

aliens seeing that and being afraid

2531

01:47:54,950 --> 01:47:52,639

warning us etc and and jacques and

2532

01:47:56,470 --> 01:47:54,960

paulo's book is a great example of how

2533

01:47:58,790 --> 01:47:56,480

they weave in

2534

01:48:00,390 --> 01:47:58,800

nuclear testing at the trinity site with

2535

01:48:03,109 --> 01:48:00,400

the sightings nearby

2536

01:48:05,030 --> 01:48:03,119

so you can say that aliens are watching

2537

01:48:07,189 --> 01:48:05,040

this that's the warning sign that we're

2538

01:48:09,750 --> 01:48:07,199

a danger to ourselves and others

2539

01:48:12,790 --> 01:48:09,760

the corollary to that i think is that

2540

01:48:17,109 --> 01:48:12,800

aliens may be monitoring

2541

01:48:19,350 --> 01:48:17,119

for specific tell-tale electronic uh

2542

01:48:22,070 --> 01:48:19,360

indications that we're communicating

2543

01:48:23,669 --> 01:48:22,080

with a blockchain because they may feel

2544

01:48:26,229 --> 01:48:23,679

that a blockchain

2545

01:48:28,709 --> 01:48:26,239

the presence of a blockchain indicates

2546

01:48:31,669 --> 01:48:28,719

that a culture has advanced to a

2547

01:48:34,149 --> 01:48:31,679

sufficient state to be able to interface

2548

01:48:36,709 --> 01:48:34,159

with an outside culture

2549

01:48:38,629 --> 01:48:36,719

now the blockchain which i always

2550

01:48:40,229 --> 01:48:38,639

envision kind of like the akashic

2551

01:48:43,270 --> 01:48:40,239

records right it's

2552

01:48:45,189 --> 01:48:43,280

it's it's it's something out there that

2553

01:48:49,750 --> 01:48:45,199

i try to visualize

2554

01:48:52,550 --> 01:48:49,760

and i visualize it like a secure

2555

01:48:54,149 --> 01:48:52,560

locked down excel spreadsheet that

2556

01:48:56,709 --> 01:48:54,159

doesn't end

2557

01:48:57,590 --> 01:48:56,719

is that a good way to kind of visualize

2558

01:49:00,070 --> 01:48:57,600

this

2559

01:49:02,470 --> 01:49:00,080

it's just entries it's entries entries

2560

01:49:05,030 --> 01:49:02,480

and you know and there's always

2561

01:49:07,430 --> 01:49:05,040

the new entry at the bottom

2562

01:49:09,189 --> 01:49:07,440

yeah um i do my best thinking in excel

2563

01:49:11,030 --> 01:49:09,199

so i'm with you there and yeah it's just

2564

01:49:12,229 --> 01:49:11,040

a block every

2565

01:49:15,430 --> 01:49:12,239

um

2566

01:49:18,310 --> 01:49:15,440

new bit of information is a block and

2567

01:49:21,109 --> 01:49:18,320

every block gets appended to the end of

2568

01:49:23,589 --> 01:49:21,119

the previous chain so you have blocks

2569

01:49:25,189 --> 01:49:23,599

appearing on the chain that's all it is

2570

01:49:26,790 --> 01:49:25,199

and so that every

2571

01:49:28,470 --> 01:49:26,800

everybody there are 100 million

2572

01:49:30,550 --> 01:49:28,480

computers now that have blockchain or

2573

01:49:34,229 --> 01:49:30,560

they have bitcoin accounts every one of

2574

01:49:35,910 --> 01:49:34,239

them has the complete and total history

2575

01:49:38,070 --> 01:49:35,920

of bitcoin transactions on their

2576

01:49:38,950 --> 01:49:38,080

computer which is why nobody can change

2577

01:49:40,550 --> 01:49:38,960

it

2578

01:49:41,669 --> 01:49:40,560

because everybody sees the same

2579

01:49:46,229 --> 01:49:41,679

information

2580

01:49:48,470 --> 01:49:46,239

that's right now how how big is that now

2581

01:49:51,750 --> 01:49:48,480

i mean that's got to be crazy so

2582

01:49:54,310 --> 01:49:51,760

in every mining operation

2583

01:49:57,350 --> 01:49:54,320

everything that is going on that is part

2584

01:49:59,589 --> 01:49:57,360

of the blockchain right it has to be

2585

01:50:00,709 --> 01:49:59,599

yes and and that they're stored on nodes

2586

01:50:02,070 --> 01:50:00,719

and

2587

01:50:03,270 --> 01:50:02,080

luckily

2588

01:50:05,589 --> 01:50:03,280

it's getting bigger and bigger and it's

2589

01:50:07,750 --> 01:50:05,599

going to become a larger issue but

2590

01:50:10,070 --> 01:50:07,760

this type of data is not like visually

2591

01:50:12,470 --> 01:50:10,080

rich or music so the footprint of the

2592

01:50:15,350 --> 01:50:12,480

data is not enormous but it's getting

2593

01:50:18,790 --> 01:50:15,360

larger right right and

2594

01:50:21,589 --> 01:50:18,800

going back to the communication with e.t

2595

01:50:22,870 --> 01:50:21,599

uh again this is a visualization on my

2596

01:50:25,030 --> 01:50:22,880

part but

2597

01:50:27,109 --> 01:50:25,040

uh ones and zeros

2598

01:50:29,750 --> 01:50:27,119

and i say that because positive and

2599

01:50:33,109 --> 01:50:29,760

negative on and off that's the

2600

01:50:35,030 --> 01:50:33,119

fundamental basis of of the universe in

2601  
01:50:37,669 --> 01:50:35,040  
general electricity

2602  
01:50:39,109 --> 01:50:37,679  
off on positive negative

2603  
01:50:41,990 --> 01:50:39,119  
binary

2604  
01:50:44,870 --> 01:50:42,000  
and that communication

2605  
01:50:47,669 --> 01:50:44,880  
when you break it down to its basics is

2606  
01:50:49,669 --> 01:50:47,679  
as fundamental as it gets on or off one

2607  
01:50:55,430 --> 01:50:49,679  
or zero positive negative

2608  
01:50:59,750 --> 01:50:57,109  
absolutely

2609  
01:51:02,149 --> 01:50:59,760  
more likely than not they've also

2610  
01:51:05,109 --> 01:51:02,159  
sort of converged on a binary

2611  
01:51:06,470 --> 01:51:05,119  
communication system and if not

2612  
01:51:08,550 --> 01:51:06,480  
they've used something radically

2613  
01:51:10,790 --> 01:51:08,560

different but if they're communicating

2614

01:51:13,189 --> 01:51:10,800

with us unless we've gone there they're

2615

01:51:15,270 --> 01:51:13,199

far more advanced than we are and i

2616

01:51:17,750 --> 01:51:15,280

can't imagine that they wouldn't be able

2617

01:51:20,310 --> 01:51:17,760

to piece together oh these little cute

2618

01:51:22,229 --> 01:51:20,320

humans are binary how adorable and

2619

01:51:27,109 --> 01:51:22,239

figure it out overnight

2620

01:51:30,229 --> 01:51:27,119

now okay let's say the communication

2621

01:51:33,830 --> 01:51:30,239

uh the the internet pipeline is

2622

01:51:35,830 --> 01:51:33,840

connected between e.t and us

2623

01:51:37,270 --> 01:51:35,840

who goes first

2624

01:51:39,430 --> 01:51:37,280

do we

2625

01:51:40,950 --> 01:51:39,440

you know what i mean who sends the first

2626

01:51:43,430 --> 01:51:40,960

message and

2627

01:51:46,550 --> 01:51:43,440

and would we be able to understand i

2628

01:51:49,589 --> 01:51:46,560

like the arrival comparison by the way

2629

01:51:52,629 --> 01:51:49,599

because somebody's got to go first and

2630

01:51:54,390 --> 01:51:52,639

what would we send them

2631

01:51:56,950 --> 01:51:54,400

to establish

2632

01:51:58,950 --> 01:51:56,960

the basics of of of what we're talking

2633

01:52:00,550 --> 01:51:58,960

about of language and the same thing

2634

01:52:03,189 --> 01:52:00,560

would have to come from them if they

2635

01:52:04,790 --> 01:52:03,199

went first well that's it's a

2636

01:52:07,750 --> 01:52:04,800

challenging thing so if you go back to

2637

01:52:10,709 --> 01:52:07,760

the pioneer plaque i think in 1972

2638

01:52:13,589 --> 01:52:10,719

or so the one on voyager designed by

2639

01:52:15,430 --> 01:52:13,599

conceived by carl sagan and frank drake

2640

01:52:17,589 --> 01:52:15,440

and designed by carl sagan's wife at the

2641

01:52:19,430 --> 01:52:17,599

time who's an artist and it's got you

2642

01:52:21,589 --> 01:52:19,440

can look it up pioneer plaque and it's

2643

01:52:24,229 --> 01:52:21,599

got the line drawing of a naked man and

2644

01:52:25,430 --> 01:52:24,239

woman yeah we did pornography our first

2645

01:52:27,189 --> 01:52:25,440

communication

2646

01:52:29,830 --> 01:52:27,199

right and it's got like a star map and

2647

01:52:32,070 --> 01:52:29,840

so i saw a joke and i made a joke based

2648

01:52:33,270 --> 01:52:32,080

on this i made a cartoon that basically

2649

01:52:35,030 --> 01:52:33,280

shows this

2650

01:52:37,430 --> 01:52:35,040

and on top it's got a picture of an

2651  
01:52:39,589 --> 01:52:37,440  
angry alien that says hey humans would

2652  
01:52:41,270 --> 01:52:39,599  
you knock it off with the unsolicited

2653  
01:52:44,470 --> 01:52:41,280  
naked pictures and directions to your

2654  
01:52:45,589 --> 01:52:44,480  
house it's creepy signed the aliens

2655  
01:52:47,350 --> 01:52:45,599  
so

2656  
01:52:48,950 --> 01:52:47,360  
it's very difficult because we don't

2657  
01:52:51,270 --> 01:52:48,960  
know what their culture would be like or

2658  
01:52:53,350 --> 01:52:51,280  
their norms something that could seem to

2659  
01:52:55,910 --> 01:52:53,360  
be you know a hand being held up like

2660  
01:52:58,790 --> 01:52:55,920  
the the man and the pioneer plaque that

2661  
01:53:01,350 --> 01:52:58,800  
could seem to them to be a if they have

2662  
01:53:04,070 --> 01:53:01,360  
a notion of bipedal creatures to be a

2663  
01:53:06,070 --> 01:53:04,080

threatening posture you know something

2664

01:53:08,390 --> 01:53:06,080

that's interesting to me is

2665

01:53:10,229 --> 01:53:08,400

you know we call it the internet and you

2666

01:53:11,990 --> 01:53:10,239

probably know what the

2667

01:53:15,030 --> 01:53:12,000

earlier name for the internet was when

2668

01:53:16,950 --> 01:53:15,040

it's limited to the government darpanet

2669

01:53:18,709 --> 01:53:16,960

yeah arpanet

2670

01:53:20,870 --> 01:53:18,719

yeah yeah but that wasn't the original

2671

01:53:23,990 --> 01:53:20,880

name the original name

2672

01:53:27,910 --> 01:53:24,000

as of 1962 was the intergalactic

2673

01:53:30,550 --> 01:53:27,920

computer network oh is that right no

2674

01:53:35,109 --> 01:53:30,560

net is now our internet as we know it

2675

01:53:37,910 --> 01:53:35,119

and since 1982 there's an international

2676

01:53:40,310 --> 01:53:37,920

body of 11 member states that's the

2677

01:53:43,589 --> 01:53:40,320

consultative committee for space data

2678

01:53:46,390 --> 01:53:43,599

systems that's working on sort of inter

2679

01:53:47,350 --> 01:53:46,400

interstellar communications protocols

2680

01:53:49,270 --> 01:53:47,360

so

2681

01:53:52,470 --> 01:53:49,280

there's been work and a lot of thought

2682

01:53:56,229 --> 01:53:52,480

going on for this for a long time

2683

01:53:58,070 --> 01:53:56,239

and it's a super challenging uh

2684

01:53:59,910 --> 01:53:58,080

situation to figure out like you said

2685

01:54:02,229 --> 01:53:59,920

who makes the first move is that

2686

01:54:04,390 --> 01:54:02,239

friendly or hostile what type of

2687

01:54:06,830 --> 01:54:04,400

language and i think it will

2688

01:54:09,350 --> 01:54:06,840

come down to binary and

2689

01:54:11,189 --> 01:54:09,360

mathematical uh computations because

2690

01:54:15,030 --> 01:54:11,199

those are unambiguous

2691

01:54:17,109 --> 01:54:15,040

and probably universal now would you do

2692

01:54:18,229 --> 01:54:17,119

this is

2693

01:54:21,189 --> 01:54:18,239

again

2694

01:54:23,510 --> 01:54:21,199

this is just me i'm not a phd

2695

01:54:25,589 --> 01:54:23,520

but would you do like the most basic of

2696

01:54:27,189 --> 01:54:25,599

the basics like

2697

01:54:28,070 --> 01:54:27,199

hydrogen

2698

01:54:30,950 --> 01:54:28,080

right

2699

01:54:34,390 --> 01:54:30,960

would you say that the first word

2700

01:54:38,070 --> 01:54:34,400

is our version in binary of like

2701  
01:54:41,750 --> 01:54:38,080  
hydrogen or helium or carbon something

2702  
01:54:44,070 --> 01:54:41,760  
that is absolutely universal right would

2703  
01:54:47,510 --> 01:54:44,080  
you go that route first yeah something

2704  
01:54:50,709 --> 01:54:47,520  
like that or some type of

2705  
01:54:52,470 --> 01:54:50,719  
pictorial representation of our solar

2706  
01:54:54,950 --> 01:54:52,480  
system but then again maybe they don't

2707  
01:54:57,189 --> 01:54:54,960  
have vision like we do they may not

2708  
01:54:58,550 --> 01:54:57,199  
think in time like we do

2709  
01:55:00,790 --> 01:54:58,560  
you know um

2710  
01:55:02,390 --> 01:55:00,800  
i worked with the

2711  
01:55:03,990 --> 01:55:02,400  
university of california santa barbara

2712  
01:55:05,990 --> 01:55:04,000  
physics department and philip lubin

2713  
01:55:08,709 --> 01:55:06,000

who's the world leader in

2714

01:55:10,390 --> 01:55:08,719

using lasers to accelerate rockets to

2715

01:55:13,669 --> 01:55:10,400

close to the speed of light

2716

01:55:15,189 --> 01:55:13,679

and we talked about well if we do this

2717

01:55:17,430 --> 01:55:15,199

and we talked about communications but

2718

01:55:18,950 --> 01:55:17,440

we also talked about if we can send

2719

01:55:21,270 --> 01:55:18,960

payloads

2720

01:55:24,070 --> 01:55:21,280

and we could send tardigrades or c

2721

01:55:25,750 --> 01:55:24,080

elegans worms two organisms uniquely

2722

01:55:27,830 --> 01:55:25,760

designed for the rigors of spacecraft

2723

01:55:29,589 --> 01:55:27,840

and we may have been descended from [h\_\_h]

2724

01:55:31,830 --> 01:55:29,599

grades for all we know

2725

01:55:33,669 --> 01:55:31,840

then the question is and we had a german

2726

01:55:35,109 --> 01:55:33,679

space ethicist

2727

01:55:37,350 --> 01:55:35,119

the question is

2728

01:55:39,830 --> 01:55:37,360

should we

2729

01:55:41,350 --> 01:55:39,840

send life into the universe as sort of a

2730

01:55:43,430 --> 01:55:41,360

communication

2731

01:55:45,030 --> 01:55:43,440

or do do we have the right do we have

2732

01:55:47,990 --> 01:55:45,040

the obligation

2733

01:55:51,109 --> 01:55:48,000

to do you know panspermia send life into

2734

01:55:54,629 --> 01:55:51,119

the universe so there's so many

2735

01:55:56,470 --> 01:55:54,639

ethical questions and let's say that we

2736

01:55:57,589 --> 01:55:56,480

come across another

2737

01:55:58,629 --> 01:55:57,599

culture

2738

01:56:01,030 --> 01:55:58,639

well

2739

01:56:03,750 --> 01:56:01,040

will we have kind of a prime directive

2740

01:56:05,430 --> 01:56:03,760

limitation like in star trek to not

2741

01:56:08,390 --> 01:56:05,440

interfere with them

2742

01:56:10,550 --> 01:56:08,400

unless we believe it's in their interest

2743

01:56:12,870 --> 01:56:10,560

they face imminent danger how do we

2744

01:56:16,149 --> 01:56:12,880

define it how do we understand them

2745

01:56:18,629 --> 01:56:16,159

are we endangering or antagonizing a

2746

01:56:20,629 --> 01:56:18,639

culture say do you have like a native

2747

01:56:21,910 --> 01:56:20,639

tribe in the middle of the amazon

2748

01:56:23,910 --> 01:56:21,920

right

2749

01:56:26,709 --> 01:56:23,920

should we or should we not reach out to

2750

01:56:29,589 --> 01:56:26,719

them there's so many difficult questions

2751  
01:56:31,430 --> 01:56:29,599  
but i believe that once a

2752  
01:56:33,189 --> 01:56:31,440  
handshake is formed and you have a

2753  
01:56:36,070 --> 01:56:33,199  
communications channel

2754  
01:56:37,910 --> 01:56:36,080  
it will likely be binary at first and

2755  
01:56:41,589 --> 01:56:37,920  
then any type of

2756  
01:56:45,109 --> 01:56:41,599  
value exchange will be on a blockchain

2757  
01:56:47,669 --> 01:56:45,119  
and would we okay so

2758  
01:56:50,709 --> 01:56:47,679  
we send them the first message in the

2759  
01:56:54,830 --> 01:56:50,719  
blockchain ledger right and should that

2760  
01:56:57,750 --> 01:56:54,840  
first message just be one big binary

2761  
01:56:58,550 --> 01:56:57,760  
block zeros and ones

2762  
01:57:02,310 --> 01:56:58,560  
in

2763  
01:57:04,870 --> 01:57:02,320

of earth

2764

01:57:07,270 --> 01:57:04,880

all in ones and zeros their ai takes a

2765

01:57:10,550 --> 01:57:07,280

look at that off of the blockchain

2766

01:57:12,709 --> 01:57:10,560

and just makes sense of the language

2767

01:57:14,310 --> 01:57:12,719

yeah and we would bypass english we

2768

01:57:16,629 --> 01:57:14,320

would just send if we're going to make

2769

01:57:18,310 --> 01:57:16,639

it visual and perhaps we have to do more

2770

01:57:20,629 --> 01:57:18,320

than just visual we just send zeros and

2771

01:57:23,030 --> 01:57:20,639

ones we just send some binary language

2772

01:57:25,030 --> 01:57:23,040

right which can represent anything

2773

01:57:26,070 --> 01:57:25,040

so you think it would be visual instead

2774

01:57:28,470 --> 01:57:26,080

of

2775

01:57:30,709 --> 01:57:28,480

language based and literally i would say

2776

01:57:32,870 --> 01:57:30,719

not english whether it's spoken or

2777

01:57:34,629 --> 01:57:32,880

written or whatever we wouldn't use a

2778

01:57:36,790 --> 01:57:34,639

language like english i don't think i

2779

01:57:39,669 --> 01:57:36,800

think we would make it in binary and it

2780

01:57:42,070 --> 01:57:39,679

could be sounds it could be you know

2781

01:57:44,229 --> 01:57:42,080

braille type bumps it could be visual

2782

01:57:46,870 --> 01:57:44,239

representations of zeros and ones

2783

01:57:48,629 --> 01:57:46,880

without well i guess we could include a

2784

01:57:50,830 --> 01:57:48,639

language or languages along with that

2785

01:57:53,109 --> 01:57:50,840

but i don't think they'd be that

2786

01:57:53,990 --> 01:57:53,119

helpful we

2787

01:57:56,390 --> 01:57:54,000

okay

2788

01:57:57,990 --> 01:57:56,400

i know i sound um

2789

01:57:59,589 --> 01:57:58,000

uh

2790

01:58:02,070 --> 01:57:59,599

dumb

2791

01:58:02,870 --> 01:58:02,080

but i think that's my thing i would

2792

01:58:06,950 --> 01:58:02,880

think

2793

01:58:09,830 --> 01:58:06,960

no you're tardigrade i'm i'm just out

2794

01:58:11,830 --> 01:58:09,840

is is this paul uh we would have to i

2795

01:58:14,149 --> 01:58:11,840

would think we would need a language

2796

01:58:15,830 --> 01:58:14,159

foundation i would suggest english

2797

01:58:17,589 --> 01:58:15,840

because if they figured it out and we're

2798

01:58:19,910 --> 01:58:17,599

communicating back you know from the

2799

01:58:22,149 --> 01:58:19,920

united states

2800

01:58:24,709 --> 01:58:22,159

we could start to get the back and forth

2801  
01:58:26,790 --> 01:58:24,719  
but but there's punctuations that would

2802  
01:58:27,669 --> 01:58:26,800  
be simple and and

2803  
01:58:33,589 --> 01:58:27,679  
and

2804  
01:58:35,990 --> 01:58:33,599  
not visual what if they don't have eyes

2805  
01:58:38,229 --> 01:58:36,000  
right i mean we can we communicate with

2806  
01:58:39,830 --> 01:58:38,239  
computers in assembly language with

2807  
01:58:40,629 --> 01:58:39,840  
binary

2808  
01:58:42,550 --> 01:58:40,639  
and

2809  
01:58:44,070 --> 01:58:42,560  
we don't need english to communicate

2810  
01:58:46,550 --> 01:58:44,080  
with computers

2811  
01:58:48,470 --> 01:58:46,560  
i think an advanced civilization may

2812  
01:58:50,390 --> 01:58:48,480  
either be merged with artificial

2813  
01:58:52,709 --> 01:58:50,400

intelligence as we talked about

2814

01:58:54,390 --> 01:58:52,719

certainly able to understand binary we i

2815

01:58:55,430 --> 01:58:54,400

mean english we could put that in as

2816

01:58:57,430 --> 01:58:55,440

sort of a

2817

01:58:58,870 --> 01:58:57,440

if we wanted to if english was the

2818

01:59:01,510 --> 01:58:58,880

language that was chosen or perhaps

2819

01:59:03,910 --> 01:59:01,520

english you know spanish and chinese as

2820

01:59:07,189 --> 01:59:03,920

a little bit of cultural

2821

01:59:09,189 --> 01:59:07,199

accent but really not necessary would it

2822

01:59:12,149 --> 01:59:09,199

be simple enough do you think i mean

2823

01:59:13,350 --> 01:59:12,159

obviously e.t uh would be an advanced

2824

01:59:16,550 --> 01:59:13,360

civilization we're doing this

2825

01:59:18,629 --> 01:59:16,560

communication how would you uh

2826

01:59:21,030 --> 01:59:18,639

visualize the response you think the

2827

01:59:22,709 --> 01:59:21,040

response would just come back in binary

2828

01:59:25,669 --> 01:59:22,719

and something that we would understand

2829

01:59:27,830 --> 01:59:25,679

right away or we would be stumped

2830

01:59:30,390 --> 01:59:27,840

it may come back in the close encounters

2831

01:59:32,550 --> 01:59:30,400

jingle who knows yeah right right or may

2832

01:59:35,189 --> 01:59:32,560

come back in flashing you know like the

2833

01:59:36,390 --> 01:59:35,199

wow single signal that the seti folks

2834

01:59:38,229 --> 01:59:36,400

received

2835

01:59:41,589 --> 01:59:38,239

i don't presume to know how they would

2836

01:59:45,030 --> 01:59:41,599

come back but i i think that

2837

01:59:47,510 --> 01:59:45,040

computer call a computer language binary

2838

01:59:50,390 --> 01:59:47,520

is a more universal language than any of

2839

01:59:52,390 --> 01:59:50,400

our earth dialects

2840

01:59:54,470 --> 01:59:52,400

and more likely

2841

01:59:57,109 --> 01:59:54,480

to be understood by a radically

2842

01:59:59,109 --> 01:59:57,119

different culture and do you think i've

2843

02:00:01,430 --> 01:59:59,119

got one minute before the break

2844

02:00:03,030 --> 02:00:01,440

you think that e.t and i'm not being

2845

02:00:06,149 --> 02:00:03,040

cavalier here

2846

02:00:07,990 --> 02:00:06,159

we are counting on e.t

2847

02:00:10,550 --> 02:00:08,000

to have

2848

02:00:13,030 --> 02:00:10,560

math and understanding of math the same

2849

02:00:15,750 --> 02:00:13,040

as we do what if they don't what if they

2850

02:00:17,270 --> 02:00:15,760

moved on from math right sure sure i

2851  
02:00:20,070 --> 02:00:17,280  
mean i think all bets are off as to what

2852  
02:00:21,750 --> 02:00:20,080  
they're like and right let's say that

2853  
02:00:23,109 --> 02:00:21,760  
they are of a form let's say they're

2854  
02:00:25,830 --> 02:00:23,119  
carbon-based

2855  
02:00:27,910 --> 02:00:25,840  
and they're of a form that we would even

2856  
02:00:29,350 --> 02:00:27,920  
recognize as life we might you know

2857  
02:00:31,109 --> 02:00:29,360  
glide past something and not even

2858  
02:00:33,030 --> 02:00:31,119  
recognize intelligent life it could be

2859  
02:00:35,910 --> 02:00:33,040  
like a you know like a mycorrhizal

2860  
02:00:37,910 --> 02:00:35,920  
network underneath a forest floor sure

2861  
02:00:39,510 --> 02:00:37,920  
yeah so let's say that bi-fetal entities

2862  
02:00:41,189 --> 02:00:39,520  
and we recognize them as life and like

2863  
02:00:43,510 --> 02:00:41,199

and likewise

2864

02:00:45,189 --> 02:00:43,520

if they are the ones that are more

2865

02:00:47,830 --> 02:00:45,199

advanced

2866

02:00:50,070 --> 02:00:47,840

if they don't use something like binary

2867

02:00:53,109 --> 02:00:50,080

they i'm just convinced they'll be able

2868

02:00:54,629 --> 02:00:53,119

to understand that logic

2869

02:00:56,709 --> 02:00:54,639

it's kind of like a like i mentioned

2870

02:00:58,149 --> 02:00:56,719

about the sort of convergence

2871

02:01:00,390 --> 02:00:58,159

they would either have gone down that

2872

02:01:02,310 --> 02:01:00,400

path or have something so advanced that

2873

02:01:03,830 --> 02:01:02,320

they could look at and say yeah like i

2874

02:01:05,510 --> 02:01:03,840

said oh that's adorable you're binary

2875

02:01:07,430 --> 02:01:05,520

okay we got it we got it right right

2876

02:01:08,709 --> 02:01:07,440

right right right this is fascinating

2877

02:01:12,470 --> 02:01:08,719

let's take our break right here our

2878

02:01:15,270 --> 02:01:12,480

guest tonight paul heineck bitcoin

2879

02:01:16,950 --> 02:01:15,280

and ufos that is the subject tonight i'm

2880

02:01:23,020 --> 02:01:16,960

your host jimmy church this is fade to

2881

02:01:29,030 --> 02:01:25,090

[Music]

2882

02:01:36,220 --> 02:01:30,870

hi everybody this is rob with the mental

2883

02:01:40,149 --> 02:01:37,750

[Music]

2884

02:01:43,589 --> 02:01:40,159

your one million gigawatt paranormal

2885

02:01:45,270 --> 02:01:43,599

powerhouse kumx db

2886

02:01:47,030 --> 02:01:45,280

vx

2887

02:01:49,589 --> 02:01:47,040

are you ready to read about true

2888

02:01:52,390 --> 02:01:49,599

paranormal events unex media publishes

2889

02:01:54,790 --> 02:01:52,400

non-fiction books about ufos ghosts and

2890

02:01:58,070 --> 02:01:54,800

haunted places time anomalies cryptid

2891

02:02:00,310 --> 02:01:58,080

creatures and more just like kunx db

2892

02:02:02,270 --> 02:02:00,320

radio it's all about unexplained

2893

02:02:05,510 --> 02:02:02,280

phenomena visit

2894

02:02:07,750 --> 02:02:05,520

www.annex media to see our list of great

2895

02:02:10,390 --> 02:02:07,760

book titles by debbie zigglemeyer gene

2896

02:02:12,950 --> 02:02:10,400

walker devin listrom wayne lawrence bill

2897

02:02:16,470 --> 02:02:12,960

spicer and yours truly margie k that's

2898

02:02:20,390 --> 02:02:18,310

why is it we're not very good with our

2899

02:02:22,149 --> 02:02:20,400

health regiment until it's too late we

2900

02:02:23,990 --> 02:02:22,159

don't put oil in the car until the

2901  
02:02:26,790 --> 02:02:24,000  
engine blows up when the body's out of

2902  
02:02:29,030 --> 02:02:26,800  
balance your health is not so good give

2903  
02:02:31,350 --> 02:02:29,040  
your body some love log on to get the

2904  
02:02:33,510 --> 02:02:31,360  
tea.com that's get the

2905  
02:02:36,070 --> 02:02:33,520  
dot com try our life change tea which

2906  
02:02:38,310 --> 02:02:36,080  
cleanses you from harmful intruders a

2907  
02:02:40,470 --> 02:02:38,320  
clean colon is one of the ways to bring

2908  
02:02:42,390 --> 02:02:40,480  
the body in balance we also carry

2909  
02:02:44,950 --> 02:02:42,400  
organic supplements to help you get

2910  
02:02:47,830 --> 02:02:44,960  
where you need to go so do your body a

2911  
02:02:50,310 --> 02:02:47,840  
favor log on to getthet.com that's get

2912  
02:02:52,470 --> 02:02:50,320  
the ttea.com

2913  
02:02:54,950 --> 02:02:52,480

you can even visit our sales page to

2914

02:02:57,109 --> 02:02:54,960

save some dough does anybody call money

2915

02:02:58,790 --> 02:02:57,119

dough anymore anyway log on to

2916

02:03:01,189 --> 02:02:58,800

getthet.com

2917

02:03:03,990 --> 02:03:01,199

shop get balanced then learn some cool

2918

02:03:07,270 --> 02:03:04,000

tips at health matters now you'll be

2919

02:03:09,109 --> 02:03:07,280

glad you did that's get the tea dot com

2920

02:03:12,470 --> 02:03:09,119

this is jimmy church of fade to black

2921

02:03:15,589 --> 02:03:12,480

and i only drink fade to black blend

2922

02:03:17,790 --> 02:03:15,599

coffee from river moon just click on the

2923

02:03:20,870 --> 02:03:17,800

river moon coffee banner at

2924

02:03:23,030 --> 02:03:20,880

jimmychurchradio.com promo code f2b

2925

02:03:25,669 --> 02:03:23,040

blend

2926

02:03:28,470 --> 02:03:25,679

this is the only way forward

2927

02:03:31,030 --> 02:03:28,480

this is made to black

2928

02:03:33,270 --> 02:03:31,040

make contact

2929

02:03:34,870 --> 02:03:33,280

this is billy carson founder and ceo of

2930

02:03:37,030 --> 02:03:34,880

forbidden knowledge and we're heading to

2931

02:03:38,550 --> 02:03:37,040

egypt this october come join jimmy

2932

02:03:40,070 --> 02:03:38,560

church myself and the forbidden

2933

02:03:42,070 --> 02:03:40,080

knowledge team as we spend a week

2934

02:03:44,870 --> 02:03:42,080

exploring giza the great sphinx the

2935

02:03:46,709 --> 02:03:44,880

great pyramid zakara dashur aswan edfu

2936

02:03:48,870 --> 02:03:46,719

dandara karnak and will celebrate

2937

02:03:50,790 --> 02:03:48,880

jimmy's birthday in luxor the forbidden

2938

02:03:52,790 --> 02:03:50,800

tour of egypt is this october 5th

2939

02:03:54,870 --> 02:03:52,800

through the 12th and includes a four-day

2940

02:03:56,870 --> 02:03:54,880

now cruise expert egyptologist and a

2941

02:03:58,310 --> 02:03:56,880

chance to explore egypt with jimmy and i

2942

02:04:00,629 --> 02:03:58,320

as your host through your journey of a

2943

02:04:02,950 --> 02:04:00,639

lifetime space is limited so make your

2944

02:04:04,629 --> 02:04:02,960

reservations now please visit forbidden

2945

02:04:06,550 --> 02:04:04,639

knowledge.com for information and

2946

02:04:07,580 --> 02:04:06,560

complete itinerary that's forbidden

2947

02:04:11,910 --> 02:04:07,590

knowledge.com

2948

02:04:11,910 --> 02:04:11,920

[Music]

2949

02:04:18,229 --> 02:04:13,750

this is jimmy churchill fade to black

2950

02:04:20,950 --> 02:04:18,239

and this year june 18 2022

2951  
02:04:23,510 --> 02:04:20,960  
the disclosure fest foundation presents

2952  
02:04:27,109 --> 02:04:23,520  
the mass meditation initiative it's

2953  
02:04:29,750 --> 02:04:27,119  
saturday june 18th from 10 a.m to 10 p.m

2954  
02:04:32,149 --> 02:04:29,760  
one day only at the los angeles state

2955  
02:04:35,350 --> 02:04:32,159  
historic park in downtown los angeles

2956  
02:04:37,669 --> 02:04:35,360  
california right next to chinatown i'm

2957  
02:04:39,669 --> 02:04:37,679  
hosting the event again this year with

2958  
02:04:42,950 --> 02:04:39,679  
music performances by

2959  
02:04:46,870 --> 02:04:42,960  
trevor hall the desert dwellers poor on

2960  
02:04:50,390 --> 02:04:46,880  
key and many many more on four separate

2961  
02:04:53,589 --> 02:04:50,400  
stages there's 16 stages in total over

2962  
02:04:56,310 --> 02:04:53,599  
30 acres in downtown los angeles with

2963  
02:04:58,790 --> 02:04:56,320

vendors and tents and presentations and

2964

02:05:01,430 --> 02:04:58,800

workshops with billy carson adam apollo

2965

02:05:03,750 --> 02:05:01,440

lori spania laura eisenhower brattles

2966

02:05:06,589 --> 02:05:03,760

and david palmer and many many more it's

2967

02:05:08,470 --> 02:05:06,599

all simple to do just go to

2968

02:05:10,709 --> 02:05:08,480

disclosurefest.org for all of your

2969

02:05:13,350 --> 02:05:10,719

tickets information and a full schedule

2970

02:05:15,770 --> 02:05:13,360

of the day's events again

2971

02:05:28,390 --> 02:05:15,780

disclosurefest.org

2972

02:05:34,069 --> 02:05:30,229

you wanna know a secret

2973

02:05:35,350 --> 02:05:34,079

i love ponies i really love ponies i'm

2974

02:05:37,589 --> 02:05:35,360

serious

2975

02:05:38,950 --> 02:05:37,599

i couldn't stay sane without poor mr

2976

02:05:41,030 --> 02:05:38,960

brush

2977

02:05:47,510 --> 02:05:41,040

why fade to black

2978

02:05:53,530 --> 02:05:49,750

this is fade to black with jimmy church

2979

02:06:06,069 --> 02:05:53,540

on the game changer radio network

2980

02:06:07,910 --> 02:06:06,079

[Music]

2981

02:06:11,510 --> 02:06:07,920

welcome back fade to black i am your

2982

02:06:14,830 --> 02:06:11,520

host jimmy church tonight paul heineck

2983

02:06:18,390 --> 02:06:14,840

blockchain and ufos

2984

02:06:20,149 --> 02:06:18,400

and i want to get to uh your next

2985

02:06:22,550 --> 02:06:20,159

connection and

2986

02:06:24,229 --> 02:06:22,560

and i'm going to ask uh

2987

02:06:26,790 --> 02:06:24,239

as we get into that

2988

02:06:29,270 --> 02:06:26,800

how do we okay so e.t sends us the

2989

02:06:31,189 --> 02:06:29,280

blockchain right whatever right

2990

02:06:32,950 --> 02:06:31,199

communication has started

2991

02:06:34,310 --> 02:06:32,960

how does

2992

02:06:36,950 --> 02:06:34,320

somebody like

2993

02:06:39,430 --> 02:06:36,960

seth showstack or any other radio

2994

02:06:44,629 --> 02:06:39,440

telescope on the planet recognize this

2995

02:06:48,229 --> 02:06:45,750

uh

2996

02:06:52,950 --> 02:06:48,239

so it in terms like

2997

02:06:57,430 --> 02:06:55,270

they could they can pick up so what seti

2998

02:07:00,229 --> 02:06:57,440

is engineered to do

2999

02:07:02,149 --> 02:07:00,239

is to find sort of repeated

3000

02:07:07,910 --> 02:07:02,159

non-natural

3001  
02:07:12,229 --> 02:07:10,229  
a conversion would have to happen i mean

3002  
02:07:13,669 --> 02:07:12,239  
and and somebody's got to make sense of

3003  
02:07:15,270 --> 02:07:13,679  
it

3004  
02:07:17,510 --> 02:07:15,280  
yeah and so this is

3005  
02:07:19,189 --> 02:07:17,520  
you know this is the the scenario where

3006  
02:07:20,790 --> 02:07:19,199  
it's a remote communication where we're

3007  
02:07:22,629 --> 02:07:20,800  
not having any kind of face-to-face

3008  
02:07:25,109 --> 02:07:22,639  
presence like a ship landing on the

3009  
02:07:27,189 --> 02:07:25,119  
white house lawn right sure but

3010  
02:07:29,430 --> 02:07:27,199  
i mean we've got said he's been scouring

3011  
02:07:31,030 --> 02:07:29,440  
for years for

3012  
02:07:34,709 --> 02:07:31,040  
signals that

3013  
02:07:36,950 --> 02:07:34,719

show like a machine-like repetition

3014

02:07:39,270 --> 02:07:36,960

a data stream

3015

02:07:40,870 --> 02:07:39,280

yeah something non-like non-natural

3016

02:07:43,750 --> 02:07:40,880

non-sort of

3017

02:07:46,470 --> 02:07:43,760

naturally you know rising and falling in

3018

02:07:47,589 --> 02:07:46,480

terms of signal strength sure and

3019

02:07:52,629 --> 02:07:47,599

if we

3020

02:07:55,910 --> 02:07:52,639

were talking about math earlier

3021

02:07:57,510 --> 02:07:55,920

is it is is physics

3022

02:08:01,270 --> 02:07:57,520

in general

3023

02:08:03,350 --> 02:08:01,280

is f would would those

3024

02:08:06,310 --> 02:08:03,360

um i'm just going to use the word

3025

02:08:11,350 --> 02:08:06,320

algorithms however e.t would write those

3026

02:08:13,270 --> 02:08:11,360

algorithms out but is physics the same

3027

02:08:14,790 --> 02:08:13,280

everywhere

3028

02:08:17,350 --> 02:08:14,800

in other words if we're going to expect

3029

02:08:19,030 --> 02:08:17,360

information or try to get some gain some

3030

02:08:22,390 --> 02:08:19,040

intelligence or

3031

02:08:25,990 --> 02:08:22,400

anti-gravity or whatever it may be

3032

02:08:28,069 --> 02:08:26,000

would their physics be the same as ours

3033

02:08:32,629 --> 02:08:28,079

if we did establish

3034

02:08:37,109 --> 02:08:35,109

you know it seems like

3035

02:08:39,350 --> 02:08:37,119

although we are

3036

02:08:40,550 --> 02:08:39,360

constantly revising our understanding of

3037

02:08:43,270 --> 02:08:40,560

physics

3038

02:08:44,629 --> 02:08:43,280

that the predictive capacities we've

3039

02:08:45,669 --> 02:08:44,639

developed with our understanding of

3040

02:08:47,830 --> 02:08:45,679

physics

3041

02:08:50,870 --> 02:08:47,840

would seem to be universal it's it's

3042

02:08:52,629 --> 02:08:50,880

hard to imagine that there's a a galaxy

3043

02:08:55,109 --> 02:08:52,639

that has different

3044

02:08:57,189 --> 02:08:55,119

basic physics than we do

3045

02:08:58,470 --> 02:08:57,199

the universe is a pretty wild place i

3046

02:09:00,550 --> 02:08:58,480

don't think we can rule it out but it

3047

02:09:02,870 --> 02:09:00,560

seems likely that they would have

3048

02:09:05,270 --> 02:09:02,880

the same types of basic laws

3049

02:09:08,790 --> 02:09:05,280

however if they've gotten to a point of

3050

02:09:10,790 --> 02:09:08,800

post singularity civilization and

3051

02:09:13,189 --> 02:09:10,800

mastery of technology

3052

02:09:15,510 --> 02:09:13,199

they're going to have powers

3053

02:09:17,189 --> 02:09:15,520

over matter and energy that we would

3054

02:09:20,709 --> 02:09:17,199

liken to magic

3055

02:09:22,149 --> 02:09:20,719

right right of course and the quantum

3056

02:09:24,629 --> 02:09:22,159

part of this

3057

02:09:27,990 --> 02:09:24,639

right particles and atoms would be the

3058

02:09:29,589 --> 02:09:28,000

same there as they are here

3059

02:09:32,390 --> 02:09:29,599

right they should be

3060

02:09:36,069 --> 02:09:32,400

right would and so i guess gravity and

3061

02:09:37,990 --> 02:09:36,079

the speed of light would be universal

3062

02:09:40,149 --> 02:09:38,000

right and i'm talking about their

3063

02:09:42,149 --> 02:09:40,159

ability to manipulate them yeah right

3064

02:09:43,589 --> 02:09:42,159

right right it's such an interesting

3065

02:09:44,709 --> 02:09:43,599

concept to me

3066

02:09:45,510 --> 02:09:44,719

um

3067

02:09:46,629 --> 02:09:45,520

so

3068

02:09:48,550 --> 02:09:46,639

if they

3069

02:09:50,550 --> 02:09:48,560

give us information

3070

02:09:54,149 --> 02:09:50,560

it would have to apply to what we

3071

02:09:56,629 --> 02:09:54,159

understand with physics now otherwise

3072

02:09:58,709 --> 02:09:56,639

we we wouldn't get it

3073

02:10:00,709 --> 02:09:58,719

yeah you know i had a debate online with

3074

02:10:03,350 --> 02:10:00,719

michael shermer a few weeks ago

3075

02:10:04,550 --> 02:10:03,360

brilliant skeptic and one of the points

3076

02:10:07,350 --> 02:10:04,560

he's made

3077

02:10:08,550 --> 02:10:07,360

is that okay say an alien civilization

3078

02:10:11,109 --> 02:10:08,560

comes to earth

3079

02:10:13,270 --> 02:10:11,119

and we're thinking wow this is jackpot

3080

02:10:15,910 --> 02:10:13,280

we've got great technology to

3081

02:10:18,310 --> 02:10:15,920

vault the whole earth past its reliance

3082

02:10:19,189 --> 02:10:18,320

on fossil fuels and the like

3083

02:10:21,589 --> 02:10:19,199

well

3084

02:10:22,870 --> 02:10:21,599

the sort of logistical problem that that

3085

02:10:25,430 --> 02:10:22,880

comes up is

3086

02:10:27,669 --> 02:10:25,440

if that alien culture really is

3087

02:10:29,750 --> 02:10:27,679

so far advanced past us

3088

02:10:32,390 --> 02:10:29,760

how are we going to understand their

3089

02:10:34,310 --> 02:10:32,400

technology much less get the spare parts

3090

02:10:35,109 --> 02:10:34,320

and actually employ it

3091

02:10:37,350 --> 02:10:35,119

so

3092

02:10:40,629 --> 02:10:37,360

they would have to be able to either

3093

02:10:43,830 --> 02:10:40,639

downshift it to us immediately or

3094

02:10:45,830 --> 02:10:43,840

not be that far advanced from us such

3095

02:10:47,510 --> 02:10:45,840

that we just simply can't understand

3096

02:10:50,149 --> 02:10:47,520

what's happening

3097

02:10:51,910 --> 02:10:50,159

how do we overcome that what was your

3098

02:10:54,229 --> 02:10:51,920

what was your counter

3099

02:10:56,390 --> 02:10:54,239

argument in that debate

3100

02:10:58,470 --> 02:10:56,400

well my debate what i did was

3101

02:11:00,470 --> 02:10:58,480

i limited the debate uh because you

3102

02:11:02,310 --> 02:11:00,480

can't prove extraterrestrial

3103

02:11:03,430 --> 02:11:02,320

intelligence in an hour well now i said

3104

02:11:05,510 --> 02:11:03,440

was look

3105

02:11:06,470 --> 02:11:05,520

i'm going to show in the course of this

3106

02:11:09,109 --> 02:11:06,480

hour

3107

02:11:11,669 --> 02:11:09,119

that a rational person can look at the

3108

02:11:14,390 --> 02:11:11,679

weight of evidence the thousands of

3109

02:11:16,310 --> 02:11:14,400

investigated unexplained cases the

3110

02:11:19,030 --> 02:11:16,320

public announcement from the united

3111

02:11:21,510 --> 02:11:19,040

states navy that they see lots of ufos

3112

02:11:23,589 --> 02:11:21,520

which they call uaps and that they're

3113

02:11:25,510 --> 02:11:23,599

afraid for the safety of their aviators

3114

02:11:26,790 --> 02:11:25,520

i use things like that that speak to

3115

02:11:29,030 --> 02:11:26,800

science to say

3116

02:11:30,950 --> 02:11:29,040

that's sufficient evidence for me to

3117

02:11:33,910 --> 02:11:30,960

think yeah there's something going on

3118

02:11:36,550 --> 02:11:33,920

here you don't have to accept that

3119

02:11:38,669 --> 02:11:36,560

there's a phenomena occurring on earth

3120

02:11:40,790 --> 02:11:38,679

which to which you ascribe

3121

02:11:44,069 --> 02:11:40,800

meta-terrestrial origin

3122

02:11:46,790 --> 02:11:44,079

you don't have to have an answer for how

3123

02:11:49,350 --> 02:11:46,800

a civilization has got here or why they

3124

02:11:51,510 --> 02:11:49,360

only scare farmer brown at night or what

3125

02:11:52,390 --> 02:11:51,520

do they eat or why don't we see them on

3126

02:11:54,629 --> 02:11:52,400

radar

3127

02:11:56,229 --> 02:11:54,639

the exit the evidence for the existence

3128

02:11:58,950 --> 02:11:56,239

of a phenomena

3129

02:12:02,229 --> 02:11:58,960

can be weighed on its own merits and the

3130

02:12:04,390 --> 02:12:02,239

inconvenience or the implausibility of

3131

02:12:06,470 --> 02:12:04,400

how that could have got here that should

3132

02:12:08,950 --> 02:12:06,480

not affect your initial decision to

3133

02:12:11,270 --> 02:12:08,960

weigh that evidence and say yeah not

3134

02:12:13,830 --> 02:12:11,280

only is do i think there is a phenomena

3135

02:12:15,830 --> 02:12:13,840

here but i think it's well past earthly

3136

02:12:18,390 --> 02:12:15,840

technology those are second level

3137

02:12:20,390 --> 02:12:18,400

questions which are well past the you

3138

02:12:24,310 --> 02:12:20,400

know the parameters of a of a single

3139

02:12:26,229 --> 02:12:24,320

debate now you mentioned earlier staying

3140

02:12:30,790 --> 02:12:26,239

right where we are right now

3141

02:12:33,750 --> 02:12:30,800

you mentioned earlier about the ability

3142

02:12:36,709 --> 02:12:33,760

to use crypto

3143

02:12:40,069 --> 02:12:36,719

to cover things

3144

02:12:43,030 --> 02:12:40,079

would crypto be used like bitcoin used

3145

02:12:45,189 --> 02:12:43,040

in a black project to say

3146

02:12:47,750 --> 02:12:45,199

reverse engineer

3147

02:12:50,709 --> 02:12:47,760

right alien technology where that

3148

02:12:53,109 --> 02:12:50,719

suddenly is not on the books

3149

02:12:54,790 --> 02:12:53,119

well and and let me sort of

3150

02:12:57,189 --> 02:12:54,800

nuance that a bit

3151

02:12:59,910 --> 02:12:57,199

bitcoin still has a bit of a stigma as

3152

02:13:01,350 --> 02:12:59,920

being the drug lord money of choice

3153

02:13:04,470 --> 02:13:01,360

because it's

3154

02:13:06,149 --> 02:13:04,480

outside you know it's anonymous it's not

3155

02:13:08,390 --> 02:13:06,159

um there have been a fair amount of

3156

02:13:11,270 --> 02:13:08,400

studies done that on a per transaction

3157

02:13:13,830 --> 02:13:11,280

basis there's far more fraud going on in

3158

02:13:15,510 --> 02:13:13,840

u.s dollars than there is in bitcoin

3159

02:13:17,750 --> 02:13:15,520

there was a recent case where these two

3160

02:13:19,990 --> 02:13:17,760

chuckleheads in new york

3161

02:13:21,990 --> 02:13:20,000

had stolen a bunch of bitcoin four years

3162

02:13:23,910 --> 02:13:22,000

ago and is now worth like four billion

3163

02:13:25,350 --> 02:13:23,920

dollars and they started trying to

3164

02:13:27,350 --> 02:13:25,360

offload it and they got caught

3165

02:13:30,470 --> 02:13:27,360

immediately because the blockchain is

3166

02:13:32,629 --> 02:13:30,480

not anonymous it's pseudonymous and

3167

02:13:34,950 --> 02:13:32,639

you can't you know every transaction is

3168

02:13:37,189 --> 02:13:34,960

is of public record it's just you don't

3169

02:13:39,189 --> 02:13:37,199

always know who did that transaction i

3170

02:13:42,229 --> 02:13:39,199

have to think that there are agencies

3171

02:13:43,910 --> 02:13:42,239

that can figure that out so some pundits

3172

02:13:46,069 --> 02:13:43,920

said hey the way these people were

3173

02:13:48,870 --> 02:13:46,079

trying to offload this bitcoin

3174

02:13:50,229 --> 02:13:48,880

is akin to robbing tiffany's and leaving

3175

02:13:52,069 --> 02:13:50,239

your wallet

3176

02:13:52,870 --> 02:13:52,079

so

3177

02:13:55,270 --> 02:13:52,880

for

3178

02:13:56,550 --> 02:13:55,280

the united states government agencies

3179

02:13:58,390 --> 02:13:56,560

yeah i mean it's just like having

3180

02:14:00,229 --> 02:13:58,400

dollars whether it's bitcoin or dollars

3181

02:14:02,629 --> 02:14:00,239

it doesn't really matter they've had off

3182

02:14:05,750 --> 02:14:02,639

balance sheet accounts before in dollars

3183

02:14:08,149 --> 02:14:05,760

but what's interesting about bitcoin and

3184

02:14:10,390 --> 02:14:08,159

blockchain is that eventually all the

3185

02:14:12,390 --> 02:14:10,400

transactions are public record unlike

3186

02:14:14,629 --> 02:14:12,400

u.s dollar transactions there's no

3187

02:14:16,709 --> 02:14:14,639

central database where you can go and

3188

02:14:20,550 --> 02:14:16,719

see every single transaction for dollars

3189

02:14:21,990 --> 02:14:20,560

in history it's more murky than bitcoin

3190

02:14:26,069 --> 02:14:22,000

but

3191

02:14:27,430 --> 02:14:26,079

back to my direct question though could

3192

02:14:28,629 --> 02:14:27,440

say the cia

3193

02:14:30,069 --> 02:14:28,639

[Music]

3194

02:14:32,390 --> 02:14:30,079

fund

3195

02:14:34,149 --> 02:14:32,400

a private corporation like

3196

02:14:36,790 --> 02:14:34,159

you know lockheed

3197

02:14:39,189 --> 02:14:36,800

um in backwards engineering

3198

02:14:40,470 --> 02:14:39,199

uh alien tech

3199

02:14:42,629 --> 02:14:40,480

with crypto

3200

02:14:46,069 --> 02:14:42,639

instead of because that would be off the

3201

02:14:49,030 --> 02:14:46,079

books in the eyes of of congress

3202

02:14:51,669 --> 02:14:49,040

uh sort of um

3203

02:14:53,589 --> 02:14:51,679

there are some advantages because of the

3204

02:14:55,669 --> 02:14:53,599

dramatic appreciation in the value of

3205

02:14:58,069 --> 02:14:55,679

bitcoin and the limiting of accounting

3206

02:14:59,189 --> 02:14:58,079

that you don't change the value on your

3207

02:15:01,350 --> 02:14:59,199

books

3208

02:15:03,589 --> 02:15:01,360

so from a corporate point of view

3209

02:15:04,790 --> 02:15:03,599

it's a disadvantage because you buy

3210

02:15:07,270 --> 02:15:04,800

bitcoin

3211

02:15:09,430 --> 02:15:07,280

if the price goes down at some point you

3212

02:15:11,510 --> 02:15:09,440

impair that asset if the price goes up

3213

02:15:12,629 --> 02:15:11,520

you don't mark to market

3214

02:15:14,870 --> 02:15:12,639

i don't want to get too far in the

3215

02:15:16,470 --> 02:15:14,880

accounting weeds but

3216

02:15:18,629 --> 02:15:16,480

the sort of corollary to that is a

3217

02:15:21,350 --> 02:15:18,639

government agency can have a little bit

3218

02:15:23,669 --> 02:15:21,360

more freedom because of the price uh

3219

02:15:25,430 --> 02:15:23,679

variations of bitcoin but they don't

3220

02:15:26,629 --> 02:15:25,440

need bitcoin to do off-balance things

3221

02:15:29,350 --> 02:15:26,639

they could do it in dollars as they

3222

02:15:31,350 --> 02:15:29,360

always have um so to them i think

3223

02:15:33,589 --> 02:15:31,360

they're probably fairly indifferent over

3224

02:15:35,109 --> 02:15:33,599

what the currency is they've got money

3225

02:15:37,430 --> 02:15:35,119

off the books and probably a hundred

3226

02:15:39,350 --> 02:15:37,440

different currencies and uh give us

3227

02:15:41,270 --> 02:15:39,360

another connection between bitcoin and

3228

02:15:42,550 --> 02:15:41,280

ufos

3229

02:15:45,350 --> 02:15:42,560

okay so

3230

02:15:47,189 --> 02:15:45,360

and let's talk about blockchain um

3231

02:15:49,669 --> 02:15:47,199

i've been approached by somebody asking

3232

02:15:50,790 --> 02:15:49,679

me to help lead an effort to make a

3233

02:15:52,069 --> 02:15:50,800

global

3234

02:15:55,270 --> 02:15:52,079

ufo

3235

02:15:57,830 --> 02:15:55,280

database blockchain

3236

02:16:00,870 --> 02:15:57,840

so that we gather information about ufo

3237

02:16:03,109 --> 02:16:00,880

reports and put it on a blockchain so

3238

02:16:05,270 --> 02:16:03,119

that no government agency can monkey

3239

02:16:06,069 --> 02:16:05,280

with it i mean think about this as like

3240

02:16:13,910 --> 02:16:06,079

a

3241

02:16:15,109 --> 02:16:13,920

sensor

3242

02:16:16,790 --> 02:16:15,119

modify

3243

02:16:20,709 --> 02:16:16,800

because it's stored on a million

3244

02:16:26,950 --> 02:16:23,990

somebody just posted uh the current

3245

02:16:29,310 --> 02:16:26,960

blockchain bitcoin ledger

3246

02:16:34,870 --> 02:16:33,110

455.04 gigabytes

3247

02:16:37,509 --> 02:16:34,880

and he knows because he says he's

3248

02:16:39,589 --> 02:16:37,519

running a full mode yeah he's right he's

3249

02:16:41,270 --> 02:16:39,599

got a note right yeah so that's not i

3250

02:16:43,910 --> 02:16:41,280

mean that's less than a terabyte yeah

3251

02:16:45,910 --> 02:16:43,920

it's not bad i'm i'm shocked at how

3252

02:16:46,709 --> 02:16:45,920

small that is actually it's because it's

3253

02:16:48,629 --> 02:16:46,719

just

3254

02:16:50,790 --> 02:16:48,639

that kind of binary data

3255

02:16:52,709 --> 02:16:50,800

financial data doesn't have a large

3256

02:16:54,469 --> 02:16:52,719

memory footprint it's when you have like

3257

02:16:56,230 --> 02:16:54,479

visual and voxels and things like that

3258

02:16:58,150 --> 02:16:56,240

that it eats up a lot of memory like

3259

02:17:00,230 --> 02:16:58,160

when i was working on um

3260

02:17:02,790 --> 02:17:00,240

avatar we were generating a terabyte of

3261

02:17:04,790 --> 02:17:02,800

data a day

3262

02:17:06,629 --> 02:17:04,800

and here the whole blockchain of bitcoin

3263

02:17:09,669 --> 02:17:06,639

in its entire history was like well he

3264

02:17:12,469 --> 02:17:09,679

said like 455

3265

02:17:14,309 --> 02:17:12,479

gigabits yeah i mean gigabytes that's

3266

02:17:16,709 --> 02:17:14,319

not that much yeah i'm looking at his

3267

02:17:19,429 --> 02:17:16,719

note here he posted a picture of it

3268

02:17:20,150 --> 02:17:19,439

and uh even the note is pretty small

3269

02:17:23,429 --> 02:17:20,160

yeah

3270

02:17:25,429 --> 02:17:23,439

i'm about to uh start up a note as well

3271

02:17:27,669 --> 02:17:25,439

how much electricity does a node take

3272

02:17:30,790 --> 02:17:27,679

and i mean that's just running that's

3273

02:17:32,469 --> 02:17:30,800

that just never stops uh a node is

3274

02:17:35,750 --> 02:17:32,479

different than mining

3275

02:17:38,230 --> 02:17:35,760

a node is one of the entities in a

3276

02:17:40,150 --> 02:17:38,240

network that validates transactions but

3277

02:17:42,549 --> 02:17:40,160

it's never census protocol right but it

3278

02:17:44,070 --> 02:17:42,559

never stops i mean that's being updated

3279

02:17:45,990 --> 02:17:44,080

ideally it doesn't i mean

3280

02:17:48,150 --> 02:17:46,000

one of one of the really cool things

3281

02:17:50,230 --> 02:17:48,160

about networks and this is something i

3282

02:17:52,629 --> 02:17:50,240

learned i have a good friend david chom

3283

02:17:54,950 --> 02:17:52,639

who who i'm working with now who is one

3284

02:17:56,709 --> 02:17:54,960

of the ogs in cryptocurrency he made the

3285

02:17:59,669 --> 02:17:56,719

first digital currency upon which

3286

02:18:01,110 --> 02:17:59,679

bitcoin relies in many ways and one of

3287

02:18:03,910 --> 02:18:01,120

the things i i've learned in working

3288

02:18:05,110 --> 02:18:03,920

with david and the team at xx network

3289

02:18:07,190 --> 02:18:05,120

is that

3290

02:18:09,429 --> 02:18:07,200

one of the ways you measure the

3291

02:18:11,990 --> 02:18:09,439

robustness of a network

3292

02:18:14,230 --> 02:18:12,000

is abbreviated as bft which stands for

3293

02:18:16,469 --> 02:18:14,240

byzantine fault tolerance because if you

3294

02:18:18,870 --> 02:18:16,479

don't have a central actor that makes

3295

02:18:20,629 --> 02:18:18,880

their unilateral decision

3296

02:18:23,110 --> 02:18:20,639

you've got the sort of coordination

3297

02:18:25,750 --> 02:18:23,120

problem of how do you determine how many

3298

02:18:27,750 --> 02:18:25,760

nodes what if some of the nodes go down

3299

02:18:31,190 --> 02:18:27,760

and it's called byzantine fault

3300

02:18:34,150 --> 02:18:31,200

tolerance from the age-old byzantine

3301

02:18:36,709 --> 02:18:34,160

general problem which refers to warfare

3302

02:18:38,469 --> 02:18:36,719

in antiquity let's say jimmy you and i

3303

02:18:41,110 --> 02:18:38,479

are going to we're defending our city

3304

02:18:43,669 --> 02:18:41,120

against a marauding army and we have 30

3305

02:18:45,669 --> 02:18:43,679

generals and we make a game plan right

3306

02:18:47,349 --> 02:18:45,679

here's what we're going to do well like

3307

02:18:49,190 --> 02:18:47,359

mike tyson said everyone's got a plan

3308

02:18:51,750 --> 02:18:49,200

until you get punched in the mouth so in

3309

02:18:53,750 --> 02:18:51,760

the heat and the fog of war

3310

02:18:56,389 --> 02:18:53,760

without you know back then without great

3311

02:18:58,389 --> 02:18:56,399

you know communications and cell phones

3312

02:19:00,549 --> 02:18:58,399

at how do we know that the network is

3313

02:19:03,669 --> 02:19:00,559

still robust four of our generals are

3314

02:19:06,309 --> 02:19:03,679

killed we think five are enemy spies for

3315

02:19:08,790 --> 02:19:06,319

the other side a bunch of the messengers

3316

02:19:11,349 --> 02:19:08,800

get killed are turned some of them are

3317

02:19:13,190 --> 02:19:11,359

just drunk and not responding so at what

3318

02:19:16,629 --> 02:19:13,200

point do we decide that network is no

3319

02:19:19,349 --> 02:19:16,639

longer viable so the bft or byzantine

3320

02:19:22,790 --> 02:19:19,359

fault tolerance is a way to describe the

3321

02:19:26,549 --> 02:19:22,800

robustness of the network say it's 30

3322

02:19:30,389 --> 02:19:26,559

of the nodes need to be both online and

3323

02:19:31,429 --> 02:19:30,399

reliable then transactions can proceed

3324

02:19:33,429 --> 02:19:31,439

now

3325

02:19:35,669 --> 02:19:33,439

back to the ufo

3326  
02:19:37,910 --> 02:19:35,679  
incident blockchain

3327  
02:19:39,750 --> 02:19:37,920  
in that blockchain

3328  
02:19:40,549 --> 02:19:39,760  
what if it's

3329  
02:19:42,469 --> 02:19:40,559  
um

3330  
02:19:45,030 --> 02:19:42,479  
is there information that could be

3331  
02:19:48,230 --> 02:19:45,040  
stored in that blockchain can images be

3332  
02:19:51,110 --> 02:19:48,240  
stored in that blockchain videos and

3333  
02:19:54,070 --> 02:19:51,120  
isn't that memory intensive

3334  
02:19:55,190 --> 02:19:54,080  
yeah so the the way that databases work

3335  
02:19:57,429 --> 02:19:55,200  
in general

3336  
02:19:58,950 --> 02:19:57,439  
is that you have tags you have got

3337  
02:20:01,429 --> 02:19:58,960  
different layers you would have like the

3338  
02:20:03,190 --> 02:20:01,439

tags information and then you'd have say

3339

02:20:05,750 --> 02:20:03,200

another bucket in which you'd have that

3340

02:20:07,990 --> 02:20:05,760

data rich information

3341

02:20:10,950 --> 02:20:08,000

so it wouldn't exist in the blockchain

3342

02:20:12,630 --> 02:20:10,960

itself yeah i don't think so i'm not i'm

3343

02:20:15,030 --> 02:20:12,640

starting to punch above my weight here a

3344

02:20:17,110 --> 02:20:15,040

little bit but i don't know if there are

3345

02:20:19,030 --> 02:20:17,120

let's say visually rich block chains i

3346

02:20:21,030 --> 02:20:19,040

think it might be a separate database

3347

02:20:23,750 --> 02:20:21,040

that's that's referred to by the

3348

02:20:25,670 --> 02:20:23,760

blockchain and so those tags hyperlinks

3349

02:20:27,510 --> 02:20:25,680

whatever you want to call them

3350

02:20:29,349 --> 02:20:27,520

would go to

3351

02:20:32,469 --> 02:20:29,359

an external

3352

02:20:34,389 --> 02:20:32,479

uh drive that would have the visual

3353

02:20:35,910 --> 02:20:34,399

information or whatever it may be right

3354

02:20:37,429 --> 02:20:35,920

the files

3355

02:20:38,309 --> 02:20:37,439

i've structured databases like that

3356

02:20:39,270 --> 02:20:38,319

before

3357

02:20:41,910 --> 02:20:39,280

um

3358

02:20:43,590 --> 02:20:41,920

you know you mentioned satoshi nakamoto

3359

02:20:45,670 --> 02:20:43,600

there's some interesting things about

3360

02:20:47,270 --> 02:20:45,680

this pseudonym about the creator

3361

02:20:50,230 --> 02:20:47,280

creators of bitcoin

3362

02:20:53,510 --> 02:20:50,240

satoshi nakamoto is a japanese name

3363

02:20:55,910 --> 02:20:53,520

and the rough translation is

3364

02:20:57,750 --> 02:20:55,920

clear thinking or intelligent and

3365

02:21:00,150 --> 02:20:57,760

central origin

3366

02:21:01,349 --> 02:21:00,160

so if you think intelligent and central

3367

02:21:04,150 --> 02:21:01,359

origin

3368

02:21:06,870 --> 02:21:04,160

is there by any chance a three-letter us

3369

02:21:09,190 --> 02:21:06,880

government agency that sounds like that

3370

02:21:10,550 --> 02:21:09,200

right so some people think it's the cia

3371

02:21:12,230 --> 02:21:10,560

that created bitcoin which is

3372

02:21:13,910 --> 02:21:12,240

interesting now here's something that my

3373

02:21:16,070 --> 02:21:13,920

friend andrew smith lewis and i

3374

02:21:18,150 --> 02:21:16,080

discovered yesterday that i don't know

3375

02:21:20,710 --> 02:21:18,160

if anybody else has seen

3376

02:21:22,630 --> 02:21:20,720

write down the letters satoshi nakamoto

3377

02:21:24,710 --> 02:21:22,640

on a piece of paper and there's an

3378

02:21:27,590 --> 02:21:24,720

anagram that you get from rearranging

3379

02:21:30,389 --> 02:21:27,600

those letters that to me is convincing

3380

02:21:33,830 --> 02:21:30,399

evidence that satoshi nakamoto was an

3381

02:21:36,469 --> 02:21:33,840

alien and i've never seen this before so

3382

02:21:39,190 --> 02:21:36,479

you take the letter satoshi nakamoto and

3383

02:21:40,710 --> 02:21:39,200

you rearrange them and here's one of the

3384

02:21:43,110 --> 02:21:40,720

things you can get

3385

02:21:45,510 --> 02:21:43,120

greetings earthlings bitcoin is a gift

3386

02:21:47,750 --> 02:21:45,520

from the universe to help mankind please

3387

02:21:50,710 --> 02:21:47,760

don't mess it up and listen to fade to

3388

02:21:52,710 --> 02:21:50,720

black sincerely the aliens

3389

02:21:54,710 --> 02:21:52,720

isn't that incredible what more of a

3390

02:21:58,150 --> 02:21:54,720

smoking gun do you need i know and i'm

3391

02:22:01,510 --> 02:21:58,160

looking and that's it you know and and

3392

02:22:04,070 --> 02:22:01,520

that's hidden in there really well

3393

02:22:05,270 --> 02:22:04,080

because i i mean i i just there are that

3394

02:22:07,190 --> 02:22:05,280

many letters but when you start

3395

02:22:09,429 --> 02:22:07,200

rearranging them yeah there's some kind

3396

02:22:12,070 --> 02:22:09,439

of bitcoin appreciation factor that

3397

02:22:13,830 --> 02:22:12,080

happens and and there isn't even an f in

3398

02:22:17,349 --> 02:22:13,840

there

3399

02:22:20,070 --> 02:22:17,359

go figure yeah i know that's incredible

3400

02:22:22,469 --> 02:22:20,080

um the

3401  
02:22:24,870 --> 02:22:22,479  
i actually wrote it down see you got me

3402  
02:22:25,830 --> 02:22:24,880  
hook line and sinker i actually wrote it

3403  
02:22:29,830 --> 02:22:25,840  
down

3404  
02:22:31,990 --> 02:22:29,840  
and was uh trying to uh uh de-scramble

3405  
02:22:35,110 --> 02:22:32,000  
the um uh

3406  
02:22:38,870 --> 02:22:35,120  
the other connections that are here

3407  
02:22:44,070 --> 02:22:40,469  
i believe

3408  
02:22:47,429 --> 02:22:44,080  
that the blockchain idea and i didn't

3409  
02:22:49,510 --> 02:22:47,439  
think of blockchain when we were uh

3410  
02:22:51,030 --> 02:22:49,520  
discussing this uh

3411  
02:22:52,389 --> 02:22:51,040  
uh this week

3412  
02:22:55,910 --> 02:22:52,399  
is that

3413  
02:22:59,670 --> 02:22:55,920

the blockchain would allow

3414

02:23:03,030 --> 02:22:59,680

the back and forth between e.t and us to

3415

02:23:05,190 --> 02:23:03,040

remain unchanged and you can go back and

3416

02:23:06,870 --> 02:23:05,200

continue to look at it and look at it

3417

02:23:08,150 --> 02:23:06,880

and look at it because you have to

3418

02:23:10,070 --> 02:23:08,160

figure out

3419

02:23:12,309 --> 02:23:10,080

each other's languages

3420

02:23:13,750 --> 02:23:12,319

and if it's in the blockchain

3421

02:23:16,790 --> 02:23:13,760

there isn't

3422

02:23:19,590 --> 02:23:16,800

any confusion right am i making sense

3423

02:23:22,309 --> 02:23:19,600

here that yeah as long as there's it is

3424

02:23:23,510 --> 02:23:22,319

a sufficiently distributed ledger right

3425

02:23:24,870 --> 02:23:23,520

then it's

3426

02:23:26,230 --> 02:23:24,880

very difficult to change now you can

3427

02:23:28,550 --> 02:23:26,240

imagine a

3428

02:23:30,469 --> 02:23:28,560

a a of

3429

02:23:32,790 --> 02:23:30,479

an alien intelligence that's smart

3430

02:23:34,230 --> 02:23:32,800

enough to somehow rewrite hard drives

3431

02:23:37,110 --> 02:23:34,240

perhaps but

3432

02:23:38,550 --> 02:23:37,120

what what it would likely come down to

3433

02:23:39,590 --> 02:23:38,560

is that

3434

02:23:42,469 --> 02:23:39,600

for

3435

02:23:44,389 --> 02:23:42,479

societies to exchange value

3436

02:23:46,550 --> 02:23:44,399

it's almost inevitable

3437

02:23:49,429 --> 02:23:46,560

that they will each develop their own

3438

02:23:51,910 --> 02:23:49,439

equivalent of a bitcoin

3439

02:23:53,910 --> 02:23:51,920

for one planet to say hey we like your

3440

02:23:56,150 --> 02:23:53,920

bitcoin we're going to mine that

3441

02:23:57,910 --> 02:23:56,160

you've got propagation delays and and

3442

02:23:59,349 --> 02:23:57,920

difference in hash rate dominance and

3443

02:24:01,510 --> 02:23:59,359

all these technical things that make it

3444

02:24:03,670 --> 02:24:01,520

unlikely so it would be more like that

3445

02:24:07,349 --> 02:24:03,680

each planet would make their own

3446

02:24:10,150 --> 02:24:07,359

you know soul coin or bitcoin equivalent

3447

02:24:11,990 --> 02:24:10,160

and that now they would mine it there

3448

02:24:14,150 --> 02:24:12,000

and part of the

3449

02:24:15,190 --> 02:24:14,160

you know people get confused about the

3450

02:24:16,950 --> 02:24:15,200

energy

3451  
02:24:18,790 --> 02:24:16,960  
consumption of bitcoin we can talk more

3452  
02:24:20,870 --> 02:24:18,800  
about that if you want it's actually

3453  
02:24:23,270 --> 02:24:20,880  
very green the greenest currency of all

3454  
02:24:25,190 --> 02:24:23,280  
time but you need to have that money

3455  
02:24:26,389 --> 02:24:25,200  
hard to make because can you know

3456  
02:24:28,230 --> 02:24:26,399  
compare that with the united states

3457  
02:24:30,469 --> 02:24:28,240  
government prints money like drunken

3458  
02:24:32,790 --> 02:24:30,479  
sailors because it's easy when it's hard

3459  
02:24:34,710 --> 02:24:32,800  
to make it makes the the currency

3460  
02:24:37,349 --> 02:24:34,720  
valuable you couple that with the

3461  
02:24:39,670 --> 02:24:37,359  
mathematically guaranteed limits that's

3462  
02:24:41,990 --> 02:24:39,680  
what makes bitcoin more valuable than

3463  
02:24:45,030 --> 02:24:42,000

any currency ever so each planet i

3464

02:24:47,030 --> 02:24:45,040

believe will develop its own bitcoin

3465

02:24:48,950 --> 02:24:47,040

like monetary unit

3466

02:24:51,750 --> 02:24:48,960

those can be exchanged around the

3467

02:24:54,309 --> 02:24:51,760

universe and it will come down to

3468

02:24:56,469 --> 02:24:54,319

the credibility of that planet itself

3469

02:24:59,110 --> 02:24:56,479

not of any government on the planet but

3470

02:25:02,950 --> 02:24:59,120

the whole planet and what i call the pcs

3471

02:25:08,070 --> 02:25:05,670

which if there is intergalactic trade

3472

02:25:11,990 --> 02:25:08,080

which there must be

3473

02:25:13,830 --> 02:25:12,000

there has to be a method to to do it

3474

02:25:16,630 --> 02:25:13,840

that's right and that it would come down

3475

02:25:17,670 --> 02:25:16,640

the the really it all sort of comes down

3476

02:25:18,630 --> 02:25:17,680

to

3477

02:25:22,550 --> 02:25:18,640

the

3478

02:25:24,790 --> 02:25:22,560

inevitable inexorable logic of a bitcoin

3479

02:25:27,190 --> 02:25:24,800

like monetary system right because i'm

3480

02:25:29,510 --> 02:25:27,200

not going to if i'm a venetian i'm not

3481

02:25:30,790 --> 02:25:29,520

going to accept a bunch of benjamins

3482

02:25:32,870 --> 02:25:30,800

which i know aren't going to be worth

3483

02:25:34,550 --> 02:25:32,880

very much i'm not going to as a venetian

3484

02:25:35,910 --> 02:25:34,560

i'm not going to say like oh you know i

3485

02:25:38,309 --> 02:25:35,920

need to monitor

3486

02:25:39,750 --> 02:25:38,319

for cryptic you know federal reserve

3487

02:25:41,830 --> 02:25:39,760

announcements to see which way they're

3488

02:25:44,230 --> 02:25:41,840

leaning in terms of quantitative easing

3489

02:25:46,469 --> 02:25:44,240

no i want a money that i know

3490

02:25:49,110 --> 02:25:46,479

is not is impervious to all these

3491

02:25:51,429 --> 02:25:49,120

machinations and abuses so i think all

3492

02:25:53,750 --> 02:25:51,439

planets will have that and then you

3493

02:25:56,070 --> 02:25:53,760

start getting into what's called bitcoin

3494

02:25:57,349 --> 02:25:56,080

astronomy of

3495

02:26:00,550 --> 02:25:57,359

the sort of

3496

02:26:03,429 --> 02:26:00,560

more details of the likely development

3497

02:26:05,750 --> 02:26:03,439

paths for civilizations based on what

3498

02:26:07,910 --> 02:26:05,760

level of a kardashev civilization they

3499

02:26:11,429 --> 02:26:07,920

are are they using energy on a planetary

3500

02:26:13,429 --> 02:26:11,439

level of the stellar scale or galactic

3501

02:26:16,550 --> 02:26:13,439

and and the bitcoin

3502

02:26:19,190 --> 02:26:16,560

the equivalent of bitcoins will mirror

3503

02:26:21,349 --> 02:26:19,200

that level of development

3504

02:26:22,630 --> 02:26:21,359

before we are you gonna hang on for

3505

02:26:26,070 --> 02:26:22,640

overtime

3506

02:26:28,150 --> 02:26:26,080

sure okay good because this is starting

3507

02:26:29,590 --> 02:26:28,160

to get a little deep for me

3508

02:26:31,750 --> 02:26:29,600

and

3509

02:26:34,469 --> 02:26:31,760

there's this question

3510

02:26:36,469 --> 02:26:34,479

if we did

3511

02:26:39,030 --> 02:26:36,479

recover

3512

02:26:41,110 --> 02:26:39,040

technology let's go with roswell let's

3513

02:26:42,389 --> 02:26:41,120

just stay there because it's an easy

3514

02:26:45,429 --> 02:26:42,399

thing to say

3515

02:26:46,230 --> 02:26:45,439

printed circuit boards chips

3516

02:26:48,790 --> 02:26:46,240

uh

3517

02:26:49,950 --> 02:26:48,800

an operating system

3518

02:26:51,590 --> 02:26:49,960

did we

3519

02:26:54,230 --> 02:26:51,600

understand

3520

02:26:55,990 --> 02:26:54,240

that at that time that this was computer

3521

02:26:58,710 --> 02:26:56,000

that this there was a language here

3522

02:26:59,990 --> 02:26:58,720

there was an operating system that was

3523

02:27:04,630 --> 02:27:00,000

was there

3524

02:27:08,150 --> 02:27:04,640

and if we did do we now understand do we

3525

02:27:10,710 --> 02:27:08,160

have their their windows 11 operating

3526  
02:27:15,670 --> 02:27:13,670  
if we got a windows operating system

3527  
02:27:18,070 --> 02:27:15,680  
from an alien race we need to sort of

3528  
02:27:19,590 --> 02:27:18,080  
trade up to a better alien race i would

3529  
02:27:21,990 --> 02:27:19,600  
think

3530  
02:27:23,270 --> 02:27:22,000  
you understand what i'm saying and and

3531  
02:27:26,389 --> 02:27:23,280  
so

3532  
02:27:28,950 --> 02:27:26,399  
would we um uh not establish what we

3533  
02:27:31,590 --> 02:27:28,960  
have today off of that but i'm saying

3534  
02:27:36,710 --> 02:27:31,600  
have an understanding of

3535  
02:27:40,070 --> 02:27:37,590  
you know

3536  
02:27:42,710 --> 02:27:40,080  
it gets back to

3537  
02:27:43,510 --> 02:27:42,720  
what will

3538  
02:27:47,750 --> 02:27:43,520

their

3539

02:27:50,550 --> 02:27:47,760

consciousness and

3540

02:27:52,389 --> 02:27:50,560

uh understanding of computation be like

3541

02:27:55,510 --> 02:27:52,399

and it's likely to be so radically

3542

02:27:56,710 --> 02:27:55,520

different and so far advanced beyond us

3543

02:28:00,550 --> 02:27:56,720

that

3544

02:28:03,030 --> 02:28:00,560

even their superior level of technology

3545

02:28:04,950 --> 02:28:03,040

may not be able to allow them to dumb it

3546

02:28:06,870 --> 02:28:04,960

down for our level is that like that

3547

02:28:09,750 --> 02:28:06,880

michael sherman point about that sort of

3548

02:28:11,190 --> 02:28:09,760

coupling of being you know vaguely near

3549

02:28:13,830 --> 02:28:11,200

each other to be able to understand it

3550

02:28:16,070 --> 02:28:13,840

yeah right right and you know we're uh

3551

02:28:19,190 --> 02:28:16,080

silicon based and

3552

02:28:21,590 --> 02:28:19,200

and how our chipsets are made today

3553

02:28:23,910 --> 02:28:21,600

and how they were developed even the

3554

02:28:26,630 --> 02:28:23,920

transistors right and original

3555

02:28:27,750 --> 02:28:26,640

capacitors and what i'm suggesting

3556

02:28:31,270 --> 02:28:27,760

here is

3557

02:28:33,750 --> 02:28:31,280

those chips may visually look like

3558

02:28:35,830 --> 02:28:33,760

something that we manufacture here on

3559

02:28:37,990 --> 02:28:35,840

earth or eventually did but they could

3560

02:28:40,790 --> 02:28:38,000

have a completely different

3561

02:28:42,790 --> 02:28:40,800

uh manufacturing process with a a

3562

02:28:44,550 --> 02:28:42,800

different

3563

02:28:47,349 --> 02:28:44,560

you know what i mean it could maybe even

3564

02:28:49,910 --> 02:28:47,359

be biological and and something that we

3565

02:28:51,429 --> 02:28:49,920

just completely don't understand

3566

02:28:54,469 --> 02:28:51,439

yeah you know we're on the verge of of

3567

02:28:57,990 --> 02:28:54,479

quantum computing there's also you know

3568

02:29:00,230 --> 02:28:58,000

biological synthetic so right

3569

02:29:02,150 --> 02:29:00,240

you know once and there are if you get

3570

02:29:04,550 --> 02:29:02,160

to quantum computing that's

3571

02:29:05,349 --> 02:29:04,560

qualitatively more than we have now

3572

02:29:08,070 --> 02:29:05,359

um

3573

02:29:09,670 --> 02:29:08,080

we how would we understand that and

3574

02:29:12,230 --> 02:29:09,680

so there's just

3575

02:29:14,309 --> 02:29:12,240

some non-trivial issues

3576

02:29:16,230 --> 02:29:14,319

with us being able to effectively

3577

02:29:17,750 --> 02:29:16,240

communicate with an alien civilization

3578

02:29:19,270 --> 02:29:17,760

whether it's just communication or we

3579

02:29:21,510 --> 02:29:19,280

get to the point where we're doing trade

3580

02:29:23,590 --> 02:29:21,520

or whatever i think there are some

3581

02:29:26,309 --> 02:29:23,600

things that we've discovered that are

3582

02:29:28,790 --> 02:29:26,319

mathematical based which are more likely

3583

02:29:31,349 --> 02:29:28,800

to be understood and or vaguely

3584

02:29:33,030 --> 02:29:31,359

compatible with how they communicate now

3585

02:29:35,590 --> 02:29:33,040

um and i love

3586

02:29:36,870 --> 02:29:35,600

when we get into the non-trivial

3587

02:29:39,510 --> 02:29:36,880

zone here

3588

02:29:42,710 --> 02:29:39,520

um and when we talk about something

3589

02:29:45,830 --> 02:29:42,720

ginormous like that

3590

02:29:47,910 --> 02:29:45,840

quantum computing and how qubits

3591

02:29:49,510 --> 02:29:47,920

actually work

3592

02:29:51,990 --> 02:29:49,520

and you know with

3593

02:29:54,550 --> 02:29:52,000

some type of entanglement where i don't

3594

02:29:57,510 --> 02:29:54,560

even think that in the world of physics

3595

02:29:59,590 --> 02:29:57,520

we fully understand it but clearly

3596

02:30:02,389 --> 02:29:59,600

qubits work

3597

02:30:04,550 --> 02:30:02,399

how they work i'm not even sure that we

3598

02:30:07,670 --> 02:30:04,560

we've measured that yet

3599

02:30:09,750 --> 02:30:07,680

in that in that form of physics

3600

02:30:13,590 --> 02:30:09,760

yeah you get to the it's all about like

3601  
02:30:15,190 --> 02:30:13,600  
probabilities right and observations um

3602  
02:30:16,710 --> 02:30:15,200  
and entanglement

3603  
02:30:18,950 --> 02:30:16,720  
um it just

3604  
02:30:21,349 --> 02:30:18,960  
that's as it's just mind-blowing it's

3605  
02:30:23,990 --> 02:30:21,359  
hard to understand

3606  
02:30:26,230 --> 02:30:24,000  
i mean i don't understand quantum stuff

3607  
02:30:27,990 --> 02:30:26,240  
i just know it's it's super complicated

3608  
02:30:29,990 --> 02:30:28,000  
that's that's it i just

3609  
02:30:32,710 --> 02:30:30,000  
i have a hard time grocking it

3610  
02:30:36,469 --> 02:30:32,720  
personally yeah

3611  
02:30:39,590 --> 02:30:36,479  
talk about non-trivial right and and

3612  
02:30:41,910 --> 02:30:39,600  
i'm not sure

3613  
02:30:43,670 --> 02:30:41,920

that even they fully understand that

3614

02:30:45,990 --> 02:30:43,680

they just know that they can make it

3615

02:30:48,710 --> 02:30:46,000

work right but if you're getting into

3616

02:30:50,870 --> 02:30:48,720

parallel worlds and entanglement and how

3617

02:30:51,750 --> 02:30:50,880

a cubit actually

3618

02:30:57,030 --> 02:30:51,760

is

3619

02:30:58,150 --> 02:30:57,040

the world of science fiction yeah and

3620

02:31:00,630 --> 02:30:58,160

that's sort of like you know the first

3621

02:31:03,990 --> 02:31:00,640

level of understanding is you're able to

3622

02:31:06,710 --> 02:31:04,000

make and that's what science tries to do

3623

02:31:08,870 --> 02:31:06,720

make some predictive capacity okay hey

3624

02:31:10,469 --> 02:31:08,880

we know the sun's going to be there but

3625

02:31:12,550 --> 02:31:10,479

we didn't know why at first we thought

3626

02:31:14,550 --> 02:31:12,560

of a geocentric point of view at first

3627

02:31:15,670 --> 02:31:14,560

we didn't know that the earth revolves

3628

02:31:18,469 --> 02:31:15,680

around the sun

3629

02:31:20,550 --> 02:31:18,479

as long as once you can make predictive

3630

02:31:21,830 --> 02:31:20,560

capacities that can help you understand

3631

02:31:25,110 --> 02:31:21,840

what's happening

3632

02:31:27,670 --> 02:31:25,120

that's helpful the next level of why

3633

02:31:28,870 --> 02:31:27,680

that's often far more difficult it's the

3634

02:31:30,790 --> 02:31:28,880

same thing with software i mean i've

3635

02:31:31,830 --> 02:31:30,800

been a software engineer i've designed

3636

02:31:33,590 --> 02:31:31,840

software

3637

02:31:34,790 --> 02:31:33,600

lots of times i can get it to do what i

3638

02:31:36,710 --> 02:31:34,800

wanted to do

3639

02:31:38,950 --> 02:31:36,720

but i can't always figure out why it's

3640

02:31:41,349 --> 02:31:38,960

doing it or why it's going wrong and

3641

02:31:43,670 --> 02:31:41,359

does that matter right

3642

02:31:45,590 --> 02:31:43,680

as long as it's reliable no then i don't

3643

02:31:47,110 --> 02:31:45,600

want to upset the apple cart

3644

02:31:49,190 --> 02:31:47,120

um and one one thing i've noticed with

3645

02:31:51,110 --> 02:31:49,200

software is that

3646

02:31:53,110 --> 02:31:51,120

and i've done like you know macros and

3647

02:31:55,349 --> 02:31:53,120

excel things i got vba not really

3648

02:31:57,190 --> 02:31:55,359

hardcore programming but i have a

3649

02:31:59,190 --> 02:31:57,200

program that does financial projections

3650

02:32:01,429 --> 02:31:59,200

for startups and

3651  
02:32:02,710 --> 02:32:01,439  
sometimes i look at that and i did it

3652  
02:32:04,309 --> 02:32:02,720  
all by myself

3653  
02:32:06,389 --> 02:32:04,319  
which sometimes people can say yeah i

3654  
02:32:09,190 --> 02:32:06,399  
can see you did it by yourself dummy but

3655  
02:32:10,630 --> 02:32:09,200  
i look at that and it sometimes it's

3656  
02:32:12,710 --> 02:32:10,640  
smarter than me

3657  
02:32:15,270 --> 02:32:12,720  
and here's why because

3658  
02:32:16,950 --> 02:32:15,280  
i didn't use my average self every day

3659  
02:32:19,349 --> 02:32:16,960  
for like one month i'd work on one

3660  
02:32:22,230 --> 02:32:19,359  
section of it and i'd only take the best

3661  
02:32:25,030 --> 02:32:22,240  
parts of me from that month so that

3662  
02:32:27,510 --> 02:32:25,040  
software represents a compilation of the

3663  
02:32:30,070 --> 02:32:27,520

best parts of me from each month which

3664

02:32:32,950 --> 02:32:30,080

is far better than my average self so

3665

02:32:35,349 --> 02:32:32,960

something that i created by myself

3666

02:32:38,469 --> 02:32:35,359

is when i look at it on an average day

3667

02:32:40,469 --> 02:32:38,479

sometimes better than me of course then

3668

02:32:42,790 --> 02:32:40,479

five years later i've learned a lot more

3669

02:32:44,550 --> 02:32:42,800

and i say oh my gosh that junkie code

3670

02:32:46,309 --> 02:32:44,560

but it's an interesting emergent

3671

02:32:48,070 --> 02:32:46,319

property that something you create by

3672

02:32:50,830 --> 02:32:48,080

yourself can

3673

02:32:52,870 --> 02:32:50,840

seem to you to transcend your own

3674

02:32:54,790 --> 02:32:52,880

capabilities that's why it would take me

3675

02:32:57,990 --> 02:32:54,800

10 years to write a book

3676  
02:33:01,270 --> 02:32:58,000  
because i could only take the best stuff

3677  
02:33:04,870 --> 02:33:01,280  
one sentence at a time and compile it

3678  
02:33:06,550 --> 02:33:04,880  
jimmy that's a great book not really

3679  
02:33:08,389 --> 02:33:06,560  
let's take our break right here this is

3680  
02:33:09,990 --> 02:33:08,399  
fade to black our guest tonight paul

3681  
02:33:12,150 --> 02:33:10,000  
heineck we're going to go into overtime

3682  
02:33:15,349 --> 02:33:12,160  
and continue this conversation

3683  
02:33:17,910 --> 02:33:15,359  
bitcoin and ufos this is fade to black

3684  
02:33:19,910 --> 02:33:17,920  
on the game changer and on x networks

3685  
02:33:22,870 --> 02:33:19,920  
and uh tomorrow night isaac arthur

3686  
02:33:25,190 --> 02:33:22,880  
physicist is going to be here exoplanets

3687  
02:33:28,030 --> 02:33:25,200  
and e.t i'm your host jimmy church we'll

3688  
02:33:51,510 --> 02:33:28,040

be right back stay with us

3689

02:33:55,190 --> 02:33:53,670

you're listening to jimmy church and

3690

02:34:00,150 --> 02:33:55,200

fade to black

3691

02:34:05,590 --> 02:34:02,710

hey what up girlfriend fox here and you

3692

02:34:09,670 --> 02:34:05,600

are listening to my boy jimmy church on

3693

02:34:18,900 --> 02:34:12,230

despite popular opinion

3694

02:34:22,309 --> 02:34:20,150

[Applause]

3695

02:34:24,550 --> 02:34:22,319

this is billy carson founder and ceo of

3696

02:34:26,309 --> 02:34:24,560

forbidden knowledge dot tv forbidden

3697

02:34:28,070 --> 02:34:26,319

knowledge dot tv is the fastest growing

3698

02:34:29,910 --> 02:34:28,080

and one of the most watched networks in

3699

02:34:31,510 --> 02:34:29,920

the world i would like to personally

3700

02:34:34,389 --> 02:34:31,520

invite you to check out our expanding

3701  
02:34:36,469 --> 02:34:34,399  
library of tv film lectures and special

3702  
02:34:38,469 --> 02:34:36,479  
presentations forbidden knowledge dot tv

3703  
02:34:41,750 --> 02:34:38,479  
has over 6 000 videos covering lost

3704  
02:34:43,750 --> 02:34:41,760  
history health ufos spirituality and our

3705  
02:34:46,150 --> 02:34:43,760  
future we are committed to our community

3706  
02:34:48,230 --> 02:34:46,160  
and with my personal invitation you can

3707  
02:34:50,550 --> 02:34:48,240  
right now get your free 30-day

3708  
02:34:52,550 --> 02:34:50,560  
membership at forbidden knowledge dot tv

3709  
02:34:56,710 --> 02:34:52,560  
your own library of information starts

3710  
02:34:58,469 --> 02:34:56,720  
today at forbidden knowledge dot tv

3711  
02:35:01,270 --> 02:34:58,479  
this is jimmy church of fade to black

3712  
02:35:04,790 --> 02:35:01,280  
and i take life change t supplements

3713  
02:35:08,469 --> 02:35:04,800

every single day it's what i do click on

3714

02:35:10,150 --> 02:35:08,479

their banner at jimmychurchradio.com

3715

02:35:12,790 --> 02:35:10,160

are you ready to read about true

3716

02:35:15,590 --> 02:35:12,800

paranormal events onex media publishes

3717

02:35:17,990 --> 02:35:15,600

non-fiction books about ufos ghosts and

3718

02:35:21,270 --> 02:35:18,000

haunted places time anomalies cryptid

3719

02:35:23,429 --> 02:35:21,280

creatures and more just like kunx db

3720

02:35:27,510 --> 02:35:23,439

radio it's all about unexplained

3721

02:35:29,510 --> 02:35:27,520

phenomena visit wwe

3722

02:35:31,750 --> 02:35:29,520

to see our list of great book titles by

3723

02:35:34,230 --> 02:35:31,760

debbie zieglemeier gene walker devin

3724

02:35:36,469 --> 02:35:34,240

listrom wayne lawrence bill spicer and

3725

02:35:40,870 --> 02:35:36,479

yours truly margie k that's on

3726  
02:35:45,590 --> 02:35:43,030  
when you take the beans from central

3727  
02:35:48,070 --> 02:35:45,600  
america with dashes of indonesian and

3728  
02:35:51,190 --> 02:35:48,080  
african mixed in and then roasted to the

3729  
02:35:53,750 --> 02:35:51,200  
dark side of fade to black you create

3730  
02:35:56,710 --> 02:35:53,760  
the ultimate brew of fringe

3731  
02:35:59,910 --> 02:35:56,720  
introducing the fade to black blend from

3732  
02:36:02,790 --> 02:35:59,920  
river moon coffee yes river moon's

3733  
02:36:05,590 --> 02:36:02,800  
darkest customized roast was created for

3734  
02:36:08,150 --> 02:36:05,600  
the love of fade to black

3735  
02:36:10,710 --> 02:36:08,160  
the alchemy of masterful roasting and

3736  
02:36:14,309 --> 02:36:10,720  
smoking the beans is in every sip of

3737  
02:36:15,750 --> 02:36:14,319  
this full-bodied dark java i need my

3738  
02:36:18,309 --> 02:36:15,760

coffee doc

3739

02:36:21,349 --> 02:36:18,319

deep with distinct bittersweet chocolate

3740

02:36:23,750 --> 02:36:21,359

highlights just like the bunker leaning

3741

02:36:26,469 --> 02:36:23,760

further into the darkness of the roast

3742

02:36:29,070 --> 02:36:26,479

is fade to black blend from river moon

3743

02:36:31,110 --> 02:36:29,080

coffee just click on the banner at

3744

02:36:34,870 --> 02:36:31,120

jimmychurchradio.com and use the promo

3745

02:36:37,830 --> 02:36:34,880

code f2b blend for 15 off of your order

3746

02:36:39,670 --> 02:36:37,840

today

3747

02:36:43,030 --> 02:36:39,680

this is billy carson with forbidden

3748

02:36:44,950 --> 02:36:43,040

knowledge dot tv forbidden knowledge tv

3749

02:36:48,150 --> 02:36:44,960

has just reached its one year

3750

02:36:50,389 --> 02:36:48,160

anniversary that's right one year and as

3751  
02:36:53,270 --> 02:36:50,399  
a show of appreciation we are giving all

3752  
02:36:56,309 --> 02:36:53,280  
new subscribers a free 30-day trial of

3753  
02:36:59,429 --> 02:36:56,319  
forbidden knowledge dot tv that's 30

3754  
02:37:01,990 --> 02:36:59,439  
days to binge watch thousands of movies

3755  
02:37:04,950 --> 02:37:02,000  
documentaries conferences workshops

3756  
02:37:07,590 --> 02:37:04,960  
lectures yoga classes meditation courses

3757  
02:37:09,910 --> 02:37:07,600  
and so much more so log on to forbidden

3758  
02:37:12,070 --> 02:37:09,920  
knowledge dot tv from your computer or

3759  
02:37:16,710 --> 02:37:12,080  
mobile device or get the forbidden

3760  
02:37:19,750 --> 02:37:16,720  
knowledge tv app on apple tv roku amazon

3761  
02:37:23,349 --> 02:37:19,760  
itunes or google play today and use

3762  
02:37:25,830 --> 02:37:23,359  
coupon code 30 days free that's coupon

3763  
02:37:29,100 --> 02:37:25,840

code 30 days free on forbidden knowledge

3764

02:37:32,150 --> 02:37:29,110

dot tv today

3765

02:37:34,389 --> 02:37:32,160

[Music]

3766

02:37:37,190 --> 02:37:34,399

are you intrigued by paranormal talk

3767

02:37:39,910 --> 02:37:37,200

radio you love the new paranormal radio

3768

02:37:41,670 --> 02:37:39,920

app from talk stream live

3769

02:37:44,469 --> 02:37:41,680

you'll find a great selection of talk

3770

02:37:47,110 --> 02:37:44,479

shows covering ufos ghosts strange

3771

02:37:49,429 --> 02:37:47,120

phenomena and much more download the

3772

02:37:51,429 --> 02:37:49,439

paranormal radio app now and start

3773

02:37:53,670 --> 02:37:51,439

listening to the very best in paranormal

3774

02:37:55,429 --> 02:37:53,680

talk entertainment including the network

3775

02:37:58,630 --> 02:37:55,439

you're listening to right now the

3776

02:38:09,270 --> 02:37:58,640

paranormal radio app free in google play

3777

02:38:16,070 --> 02:38:12,389

it's not a lifestyle we chose we were

3778

02:38:19,910 --> 02:38:16,080

born this way this is kjcr

3779

02:38:33,429 --> 02:38:30,150

[Music]

3780

02:38:37,429 --> 02:38:35,270

welcome back fade to black i'm your host

3781

02:38:40,309 --> 02:38:37,439

jimmy church tonight paul heineck

3782

02:38:42,469 --> 02:38:40,319

and uh bitcoin in ufos and we're into

3783

02:38:44,950 --> 02:38:42,479

overtime and

3784

02:38:46,790 --> 02:38:44,960

apollo i usually like to loosen up a

3785

02:38:49,590 --> 02:38:46,800

little bit but we're always loose uh

3786

02:38:51,510 --> 02:38:49,600

when we get into overtime i wanted to

3787

02:38:53,830 --> 02:38:51,520

mention this to you i'm reading a book

3788

02:38:56,389 --> 02:38:53,840

it was published back in 2018. i don't

3789

02:38:59,110 --> 02:38:56,399

have the direct title in front of me but

3790

02:39:01,590 --> 02:38:59,120

it's called aliens with the subtitle

3791

02:39:03,349 --> 02:39:01,600

and it's different physicists scientists

3792

02:39:05,590 --> 02:39:03,359

and intellectuals outside of our

3793

02:39:06,550 --> 02:39:05,600

community uh around the world

3794

02:39:09,990 --> 02:39:06,560

uh

3795

02:39:11,190 --> 02:39:10,000

it's like 30 chapters and different

3796

02:39:13,990 --> 02:39:11,200

essays

3797

02:39:16,070 --> 02:39:14,000

and in one of the chapters

3798

02:39:17,030 --> 02:39:16,080

it's it's about your dad

3799

02:39:25,349 --> 02:39:17,040

and

3800

02:39:28,389 --> 02:39:25,359

kind

3801  
02:39:31,110 --> 02:39:28,399  
and and their breakdown of it and it was

3802  
02:39:31,990 --> 02:39:31,120  
it's it's a very interesting read

3803  
02:39:36,070 --> 02:39:32,000  
to

3804  
02:39:38,790 --> 02:39:36,080  
because i think that we all have our

3805  
02:39:40,790 --> 02:39:38,800  
our own uh emotional

3806  
02:39:43,429 --> 02:39:40,800  
uh connections to it and what it means

3807  
02:39:46,150 --> 02:39:43,439  
to us but but to have the intellectuals

3808  
02:39:49,670 --> 02:39:46,160  
comment on it was very interesting

3809  
02:39:50,870 --> 02:39:49,680  
and there was another uh part to this in

3810  
02:39:53,429 --> 02:39:50,880  
this book

3811  
02:39:55,429 --> 02:39:53,439  
um before i

3812  
02:39:56,710 --> 02:39:55,439  
read the book i have commented over the

3813  
02:39:57,910 --> 02:39:56,720

years and this is where i want your

3814

02:39:59,670 --> 02:39:57,920

opinion

3815

02:40:01,750 --> 02:39:59,680

is that e.t

3816

02:40:04,630 --> 02:40:01,760

no matter how advanced

3817

02:40:08,550 --> 02:40:04,640

would have to have gone through

3818

02:40:09,990 --> 02:40:08,560

the same evolutionary processes that we

3819

02:40:13,269 --> 02:40:10,000

have gone through

3820

02:40:14,389 --> 02:40:13,279

right amoebas to whatever

3821

02:40:16,950 --> 02:40:14,399

and

3822

02:40:18,830 --> 02:40:16,960

does would that mean

3823

02:40:21,030 --> 02:40:18,840

that they went

3824

02:40:22,469 --> 02:40:21,040

through comedy

3825

02:40:25,990 --> 02:40:22,479

theater

3826

02:40:30,550 --> 02:40:26,000

music sculpture the arts

3827

02:40:35,670 --> 02:40:32,630

they would have does that mean that e.t

3828

02:40:38,150 --> 02:40:35,680

would have a sense of humor

3829

02:40:40,309 --> 02:40:38,160

what a great question you know that gets

3830

02:40:42,389 --> 02:40:40,319

back to the gets back to the idea of

3831

02:40:44,870 --> 02:40:42,399

convergent evolution right from richard

3832

02:40:47,110 --> 02:40:44,880

darwin from um um

3833

02:40:49,910 --> 02:40:47,120

richard dawkins so

3834

02:40:53,269 --> 02:40:49,920

for us as primates

3835

02:40:54,469 --> 02:40:53,279

these notions of humor and reciprocity

3836

02:40:56,150 --> 02:40:54,479

and art

3837

02:40:58,309 --> 02:40:56,160

have an evolutionary advantage because

3838

02:41:01,110 --> 02:40:58,319

we're social creatures right we're not

3839

02:41:02,870 --> 02:41:01,120

just living by ourselves and these ways

3840

02:41:04,230 --> 02:41:02,880

to tie us into

3841

02:41:07,030 --> 02:41:04,240

the community

3842

02:41:10,790 --> 02:41:07,040

have proven from a merciless

3843

02:41:12,389 --> 02:41:10,800

evolutionary point of view to have value

3844

02:41:13,750 --> 02:41:12,399

i could see

3845

02:41:17,030 --> 02:41:13,760

another

3846

02:41:19,349 --> 02:41:17,040

civilization in roughly similar

3847

02:41:21,269 --> 02:41:19,359

environmental situations

3848

02:41:24,309 --> 02:41:21,279

developing along a different path that

3849

02:41:27,030 --> 02:41:24,319

wasn't as socially focused and may not

3850

02:41:30,469 --> 02:41:27,040

place weight on things like that or have

3851  
02:41:32,630 --> 02:41:30,479  
an evolutionary luxury like humor

3852  
02:41:34,870 --> 02:41:32,640  
you know it's a good question is humor

3853  
02:41:36,950 --> 02:41:34,880  
the way we think of it

3854  
02:41:39,030 --> 02:41:36,960  
universal and one of the reasons i think

3855  
02:41:41,190 --> 02:41:39,040  
it might be is that

3856  
02:41:42,230 --> 02:41:41,200  
a really good definition of humor to me

3857  
02:41:44,950 --> 02:41:42,240  
is

3858  
02:41:47,349 --> 02:41:44,960  
an unexpected connection so like a joke

3859  
02:41:49,670 --> 02:41:47,359  
for example like puns are plays on words

3860  
02:41:51,269 --> 02:41:49,680  
right and they they make you groan

3861  
02:41:53,910 --> 02:41:51,279  
a joke

3862  
02:41:55,910 --> 02:41:53,920  
is where you tell a story

3863  
02:41:57,830 --> 02:41:55,920

and then you change the story or the

3864

02:42:00,230 --> 02:41:57,840

explanation so one example very short

3865

02:42:03,349 --> 02:42:00,240

joke is oh i'm really depressed you know

3866

02:42:05,269 --> 02:42:03,359

my wife ran off with my best friend

3867

02:42:06,150 --> 02:42:05,279

and i really miss him

3868

02:42:08,469 --> 02:42:06,160

right

3869

02:42:10,550 --> 02:42:08,479

so the the humor there is not word play

3870

02:42:12,950 --> 02:42:10,560

but you start a story

3871

02:42:15,030 --> 02:42:12,960

and then you finish it with a logically

3872

02:42:16,150 --> 02:42:15,040

consistent ending

3873

02:42:18,710 --> 02:42:16,160

and that

3874

02:42:20,469 --> 02:42:18,720

twist for some reason we interpret as

3875

02:42:23,349 --> 02:42:20,479

humor because there's that connection

3876

02:42:25,510 --> 02:42:23,359

made so with that it seems like it's a

3877

02:42:27,670 --> 02:42:25,520

fairly universal construct

3878

02:42:30,790 --> 02:42:27,680

now they may have a more body sense of

3879

02:42:32,790 --> 02:42:30,800

humor than us or i don't know but i i

3880

02:42:35,990 --> 02:42:32,800

wouldn't be surprised if some form of

3881

02:42:38,150 --> 02:42:36,000

humor even in a civilization that didn't

3882

02:42:41,110 --> 02:42:38,160

have that didn't weigh

3883

02:42:43,510 --> 02:42:41,120

um social connections as much probably

3884

02:42:46,389 --> 02:42:43,520

would exist be kind of a boring place

3885

02:42:48,710 --> 02:42:46,399

without it i i asked bashar once you

3886

02:42:49,910 --> 02:42:48,720

know darylanka you know bashar i asked

3887

02:42:52,309 --> 02:42:49,920

bashar said

3888

02:42:55,510 --> 02:42:52,319

does it have a sense of humor

3889

02:42:58,389 --> 02:42:55,520

and uh he goes we're laughing at you

3890

02:43:05,030 --> 02:42:59,750

and

3891

02:43:06,230 --> 02:43:05,040

the other thing i i love overtime

3892

02:43:09,030 --> 02:43:06,240

because

3893

02:43:11,349 --> 02:43:09,040

of of these types of questions but

3894

02:43:13,349 --> 02:43:11,359

if you are spanning space

3895

02:43:16,150 --> 02:43:13,359

you are interstellar

3896

02:43:18,389 --> 02:43:16,160

and you may be traveling at faster than

3897

02:43:19,190 --> 02:43:18,399

the speed of light but you're still

3898

02:43:21,190 --> 02:43:19,200

uh

3899

02:43:23,030 --> 02:43:21,200

if you're not bending space right if you

3900

02:43:25,910 --> 02:43:23,040

are just in a linear

3901  
02:43:27,349 --> 02:43:25,920  
uh you're in a nuts and bolts craft and

3902  
02:43:29,110 --> 02:43:27,359  
and hauling

3903  
02:43:30,710 --> 02:43:29,120  
uh hauling

3904  
02:43:31,750 --> 02:43:30,720  
you know the word i want to use between

3905  
02:43:33,590 --> 02:43:31,760  
stars

3906  
02:43:35,429 --> 02:43:33,600  
you're still there for thousands of

3907  
02:43:37,750 --> 02:43:35,439  
years

3908  
02:43:40,710 --> 02:43:37,760  
are you doing that in silence

3909  
02:43:42,870 --> 02:43:40,720  
or are you piping in music right

3910  
02:43:46,389 --> 02:43:42,880  
i mean or are you in this cold like you

3911  
02:43:48,870 --> 02:43:46,399  
said body right this cold environment

3912  
02:43:52,389 --> 02:43:48,880  
without visual stimulation on the walls

3913  
02:43:54,790 --> 02:43:52,399

and artwork and and music coming in or

3914

02:43:57,269 --> 02:43:54,800

are you in this sterile craft with

3915

02:43:58,150 --> 02:43:57,279

nothing happening with no emotion

3916

02:43:58,870 --> 02:43:58,160

or

3917

02:44:00,309 --> 02:43:58,880

so

3918

02:44:02,550 --> 02:44:00,319

you know we all know the drake equation

3919

02:44:05,830 --> 02:44:02,560

which is a equation to come up with a

3920

02:44:09,190 --> 02:44:05,840

theoretical result for the number of

3921

02:44:10,309 --> 02:44:09,200

civilizations in our solar system in the

3922

02:44:12,550 --> 02:44:10,319

galaxy

3923

02:44:13,830 --> 02:44:12,560

that we think may have detectable

3924

02:44:15,269 --> 02:44:13,840

civilizations

3925

02:44:17,269 --> 02:44:15,279

so that's like millions and millions and

3926

02:44:20,309 --> 02:44:17,279

millions then you have the fermi paradox

3927

02:44:22,469 --> 02:44:20,319

that says well why haven't we seen

3928

02:44:23,830 --> 02:44:22,479

more conclusive proof of them or

3929

02:44:26,309 --> 02:44:23,840

detected that

3930

02:44:27,750 --> 02:44:26,319

then you have the transcension

3931

02:44:29,190 --> 02:44:27,760

hypothesis

3932

02:44:29,990 --> 02:44:29,200

and this gets to your point about what's

3933

02:44:35,349 --> 02:44:30,000

that

3934

02:44:37,190 --> 02:44:35,359

well the transcension hypothesis says

3935

02:44:39,269 --> 02:44:37,200

that they've gotten to a point in their

3936

02:44:41,910 --> 02:44:39,279

technological evolution

3937

02:44:45,429 --> 02:44:41,920

where they can sort of go inwards kind

3938

02:44:48,710 --> 02:44:45,439

of like a metaverse a vr world

3939

02:44:51,190 --> 02:44:48,720

far beyond clunky headsets and all that

3940

02:44:53,990 --> 02:44:51,200

where they can go inside there

3941

02:44:56,230 --> 02:44:54,000

and have any experience that they want

3942

02:44:58,309 --> 02:44:56,240

such that they don't need to go johnning

3943

02:45:01,429 --> 02:44:58,319

around the universe to get our gold or

3944

02:45:03,429 --> 02:45:01,439

our water or look for

3945

02:45:06,469 --> 02:45:03,439

you know movies or anything that they

3946

02:45:07,830 --> 02:45:06,479

have the richness of an interior

3947

02:45:10,550 --> 02:45:07,840

universe

3948

02:45:12,790 --> 02:45:10,560

inside wherever they are so maybe that's

3949

02:45:13,670 --> 02:45:12,800

where they're going to concerts

3950

02:45:16,870 --> 02:45:13,680

uh

3951

02:45:18,230 --> 02:45:16,880

an mp3 player with everything

3952

02:45:19,910 --> 02:45:18,240

yeah right

3953

02:45:21,750 --> 02:45:19,920

everything any kind of experience that

3954

02:45:22,790 --> 02:45:21,760

you can imagine you know for us as

3955

02:45:24,389 --> 02:45:22,800

humans

3956

02:45:27,030 --> 02:45:24,399

the brain doesn't know that a dream

3957

02:45:30,150 --> 02:45:27,040

isn't real it's just electrical signals

3958

02:45:31,590 --> 02:45:30,160

so you can have a

3959

02:45:33,910 --> 02:45:31,600

super rich

3960

02:45:36,230 --> 02:45:33,920

virtual reality environment in which

3961

02:45:38,230 --> 02:45:36,240

your brain doesn't know it's not real

3962

02:45:39,510 --> 02:45:38,240

you know virtual reality i i like the

3963

02:45:41,910 --> 02:45:39,520

the sort of quick

3964

02:45:44,389 --> 02:45:41,920

difference between augmented reality is

3965

02:45:47,190 --> 02:45:44,399

virtual reality is we as the analog

3966

02:45:48,710 --> 02:45:47,200

creatures go into a digital realm and

3967

02:45:50,150 --> 02:45:48,720

right now it's just kind of

3968

02:45:50,950 --> 02:45:50,160

uncomfortable to stay there for a long

3969

02:45:53,269 --> 02:45:50,960

time

3970

02:45:56,150 --> 02:45:53,279

augmented reality is where we have

3971

02:45:58,389 --> 02:45:56,160

digital elements overlaid in our analog

3972

02:46:01,510 --> 02:45:58,399

world at some point those will converge

3973

02:46:04,150 --> 02:46:01,520

people call it mixed you know mixed our

3974

02:46:05,030 --> 02:46:04,160

xr for example and it's going to be so

3975

02:46:07,030 --> 02:46:05,040

rich

3976

02:46:09,030 --> 02:46:07,040

that well beyond haptics and other

3977

02:46:12,550 --> 02:46:09,040

technologies that you won't know that

3978

02:46:13,590 --> 02:46:12,560

it's not real do you uh do you have a vr

3979

02:46:15,190 --> 02:46:13,600

headset

3980

02:46:16,469 --> 02:46:15,200

i do you do

3981

02:46:19,190 --> 02:46:16,479

um

3982

02:46:21,990 --> 02:46:19,200

when was the last time you put it on

3983

02:46:22,790 --> 02:46:22,000

it's been it's been a while now um

3984

02:46:25,269 --> 02:46:22,800

and

3985

02:46:26,389 --> 02:46:25,279

you know i'll tell you i've got a very

3986

02:46:28,230 --> 02:46:26,399

complicated but an interesting

3987

02:46:30,070 --> 02:46:28,240

relationship with the vr you know i i

3988

02:46:32,389 --> 02:46:30,080

mentioned i worked on avatar and we used

3989

02:46:34,150 --> 02:46:32,399

vr in the making of avatar there's a

3990

02:46:35,910 --> 02:46:34,160

virtual production pipeline so for like

3991

02:46:37,349 --> 02:46:35,920

lord of the rings planet of the apes

3992

02:46:39,990 --> 02:46:37,359

avatar

3993

02:46:42,230 --> 02:46:40,000

we made those movies using vr in the

3994

02:46:45,429 --> 02:46:42,240

production of that so i sort of

3995

02:46:47,269 --> 02:46:45,439

developed this sense of that 3d volume

3996

02:46:49,510 --> 02:46:47,279

even though the movies weren't shown in

3997

02:46:53,110 --> 02:46:49,520

vr so then i started working a lot more

3998

02:46:55,510 --> 02:46:53,120

in vr and ar and i really gravitated

3999

02:46:57,429 --> 02:46:55,520

vr for me for entertainment is okay

4000

02:46:59,830 --> 02:46:57,439

but i'm really much more interested in

4001  
02:47:01,349 --> 02:46:59,840  
medical uses and i helped

4002  
02:47:03,830 --> 02:47:01,359  
usc

4003  
02:47:06,070 --> 02:47:03,840  
use vr in their stroke recovery

4004  
02:47:07,429 --> 02:47:06,080  
technology and that was fascinating

4005  
02:47:10,150 --> 02:47:07,439  
because you have somebody who's let's

4006  
02:47:12,150 --> 02:47:10,160  
say their left arm is paralyzed and in

4007  
02:47:14,469 --> 02:47:12,160  
some cases and i don't know that much

4008  
02:47:17,590 --> 02:47:14,479  
about strokes but in some cases it's an

4009  
02:47:20,389 --> 02:47:17,600  
electrical circuit it's a short circuit

4010  
02:47:21,830 --> 02:47:20,399  
the muscular system is is fine so the

4011  
02:47:24,309 --> 02:47:21,840  
patient comes in

4012  
02:47:26,469 --> 02:47:24,319  
puts on the vr headset there's an ekg

4013  
02:47:29,030 --> 02:47:26,479

and an emg on their arm

4014

02:47:30,950 --> 02:47:29,040

and what's happened is the motor cortex

4015

02:47:32,950 --> 02:47:30,960

in the brain

4016

02:47:35,429 --> 02:47:32,960

is not sending signals to the arm

4017

02:47:37,670 --> 02:47:35,439

because the sensory nerve impulses are

4018

02:47:38,469 --> 02:47:37,680

not coming back so the brain doesn't

4019

02:47:40,710 --> 02:47:38,479

know

4020

02:47:42,950 --> 02:47:40,720

where the arm is where it's going if

4021

02:47:45,269 --> 02:47:42,960

it's in pain or hot or cold so it says

4022

02:47:47,110 --> 02:47:45,279

i'm not sending instructions because i

4023

02:47:49,910 --> 02:47:47,120

don't know what's going on but then you

4024

02:47:52,870 --> 02:47:49,920

do the vr you put on the goggles and you

4025

02:47:53,670 --> 02:47:52,880

see a virtual representation of your arm

4026

02:47:58,790 --> 02:47:53,680

and

4027

02:48:01,110 --> 02:47:58,800

symbols it gives instructions to the

4028

02:48:03,429 --> 02:48:01,120

virtual arm to move to where it wants to

4029

02:48:06,469 --> 02:48:03,439

go and then we made sort of

4030

02:48:09,670 --> 02:48:06,479

a auditory vocabulary to indicate that

4031

02:48:14,870 --> 02:48:12,550

and so now the brain is showing it's

4032

02:48:16,870 --> 02:48:14,880

getting feedback and it's moving the

4033

02:48:18,309 --> 02:48:16,880

virtual representation of the arm to

4034

02:48:20,230 --> 02:48:18,319

where it wants to go

4035

02:48:22,870 --> 02:48:20,240

and what happens is

4036

02:48:25,269 --> 02:48:22,880

the motor cortex says that's interesting

4037

02:48:26,710 --> 02:48:25,279

i'm getting some kind of weird feedback

4038

02:48:28,710 --> 02:48:26,720

here from the arm

4039

02:48:30,630 --> 02:48:28,720

i'm going to lean into this a little bit

4040

02:48:32,950 --> 02:48:30,640

and start sending out

4041

02:48:34,550 --> 02:48:32,960

motor nerve impulses that are stronger

4042

02:48:36,790 --> 02:48:34,560

and you do that over and over and over

4043

02:48:40,309 --> 02:48:36,800

that feedback loop and eventually what

4044

02:48:43,670 --> 02:48:40,319

happens is it can restart the dormant

4045

02:48:45,670 --> 02:48:43,680

sensory nerves and they start flowing

4046

02:48:48,469 --> 02:48:45,680

and the overall functionality is

4047

02:48:50,110 --> 02:48:48,479

restored with no scalpels and no drugs

4048

02:48:52,309 --> 02:48:50,120

just using the inherent

4049

02:48:55,510 --> 02:48:52,319

neuroplasticity of the brain to

4050

02:48:56,830 --> 02:48:55,520

regenerate itself i um

4051  
02:48:58,230 --> 02:48:56,840  
i can't say

4052  
02:49:01,910 --> 02:48:58,240  
who uh

4053  
02:49:04,550 --> 02:49:01,920  
i i believed i signed uh i signed an nda

4054  
02:49:08,309 --> 02:49:04,560  
sorry what does it rhyme with i can't

4055  
02:49:09,830 --> 02:49:08,319  
say who but i a few months ago

4056  
02:49:12,630 --> 02:49:09,840  
i was

4057  
02:49:14,070 --> 02:49:12,640  
given a demonstration of some new

4058  
02:49:17,670 --> 02:49:14,080  
technology

4059  
02:49:20,150 --> 02:49:17,680  
and so i i got i

4060  
02:49:21,190 --> 02:49:20,160  
got the basic setup on

4061  
02:49:25,349 --> 02:49:21,200  
uh

4062  
02:49:27,110 --> 02:49:25,359  
the headset but hand controls and and

4063  
02:49:29,910 --> 02:49:27,120

some other stuff

4064

02:49:31,990 --> 02:49:29,920

and went into a few different worlds

4065

02:49:34,230 --> 02:49:32,000

they let me check out a few different

4066

02:49:36,550 --> 02:49:34,240

examples of this uh that they wanted to

4067

02:49:38,830 --> 02:49:36,560

show me the the demonstrations of

4068

02:49:42,710 --> 02:49:38,840

and here's the thing

4069

02:49:45,830 --> 02:49:42,720

um there was uh uh

4070

02:49:47,670 --> 02:49:45,840

a specific art that you could create now

4071

02:49:49,990 --> 02:49:47,680

you had to be there right it's like

4072

02:49:51,990 --> 02:49:50,000

really trippy stuff but things that are

4073

02:49:54,389 --> 02:49:52,000

dripping and you're you're interacting

4074

02:49:55,990 --> 02:49:54,399

with it and and moving it around there

4075

02:49:57,830 --> 02:49:56,000

was that that was

4076

02:50:01,269 --> 02:49:57,840

pretty freaking incredible

4077

02:50:04,070 --> 02:50:01,279

and as real as

4078

02:50:06,550 --> 02:50:04,080

anything it was pretty strange and

4079

02:50:08,710 --> 02:50:06,560

and because i could walk and move into

4080

02:50:10,309 --> 02:50:08,720

these environments then there was

4081

02:50:11,190 --> 02:50:10,319

another uh

4082

02:50:14,550 --> 02:50:11,200

uh

4083

02:50:17,990 --> 02:50:14,560

this artistic

4084

02:50:19,590 --> 02:50:18,000

uh thing it's it's it's hard to explain

4085

02:50:22,870 --> 02:50:19,600

animation

4086

02:50:24,550 --> 02:50:22,880

then there was this actual

4087

02:50:26,070 --> 02:50:24,560

3d

4088

02:50:28,230 --> 02:50:26,080

house

4089

02:50:30,870 --> 02:50:28,240

right and you could look outside of the

4090

02:50:32,230 --> 02:50:30,880

windows and you could walk around

4091

02:50:35,990 --> 02:50:32,240

but the

4092

02:50:37,429 --> 02:50:36,000

this wasn't computer generated generated

4093

02:50:39,030 --> 02:50:37,439

furniture

4094

02:50:40,790 --> 02:50:39,040

it was

4095

02:50:43,269 --> 02:50:40,800

videoed right you understand what i'm

4096

02:50:46,710 --> 02:50:43,279

saying in high def so everything is in

4097

02:50:48,150 --> 02:50:46,720

3d and it is it's not like oh okay it's

4098

02:50:50,469 --> 02:50:48,160

not like a

4099

02:50:54,230 --> 02:50:50,479

a video game

4100

02:50:55,990 --> 02:50:54,240

you're going through an actual

4101

02:50:58,150 --> 02:50:56,000

real environment

4102

02:51:01,030 --> 02:50:58,160

it it doesn't look visually different

4103

02:51:03,349 --> 02:51:01,040

than when like me sitting in here right

4104

02:51:06,150 --> 02:51:03,359

and and walking that

4105

02:51:07,429 --> 02:51:06,160

it was one of the trippiest things and

4106

02:51:09,670 --> 02:51:07,439

now here's

4107

02:51:12,550 --> 02:51:09,680

here's the funny part

4108

02:51:15,110 --> 02:51:12,560

they were videotaping me

4109

02:51:15,910 --> 02:51:15,120

going through this experience

4110

02:51:18,950 --> 02:51:15,920

so

4111

02:51:20,710 --> 02:51:18,960

after i'm done then i get to see

4112

02:51:23,349 --> 02:51:20,720

what i was doing

4113

02:51:24,950 --> 02:51:23,359

right with this gear on going through

4114

02:51:25,830 --> 02:51:24,960

these environments and doing these

4115

02:51:28,710 --> 02:51:25,840

things

4116

02:51:31,110 --> 02:51:28,720

and that was very strange because i know

4117

02:51:33,510 --> 02:51:31,120

that inside my head

4118

02:51:36,070 --> 02:51:33,520

i was actually there i really was there

4119

02:51:38,469 --> 02:51:36,080

wasn't any difference

4120

02:51:41,750 --> 02:51:38,479

to and when they say augmented reality

4121

02:51:45,110 --> 02:51:41,760

man it 100 was paul it was a

4122

02:51:47,349 --> 02:51:45,120

mind-blowing thing and to watch myself

4123

02:51:49,510 --> 02:51:47,359

in the video after that it was very

4124

02:51:51,110 --> 02:51:49,520

uncomfortable because i know what was

4125

02:51:53,990 --> 02:51:51,120

going on inside of my head i was

4126  
02:51:54,790 --> 02:51:54,000  
actually there it doesn't take a lot you

4127  
02:51:56,309 --> 02:51:54,800  
know

4128  
02:51:57,910 --> 02:51:56,319  
i've showed

4129  
02:51:59,910 --> 02:51:57,920  
thousands of people vr for the first

4130  
02:52:01,110 --> 02:51:59,920  
time on a phone and it's not high

4131  
02:52:03,510 --> 02:52:01,120  
resolution

4132  
02:52:05,990 --> 02:52:03,520  
but it doesn't take a lot

4133  
02:52:07,269 --> 02:52:06,000  
for people to feel in some way

4134  
02:52:08,550 --> 02:52:07,279  
transformed

4135  
02:52:10,150 --> 02:52:08,560  
in in a way

4136  
02:52:13,190 --> 02:52:10,160  
like one of my favorite things was to

4137  
02:52:16,150 --> 02:52:13,200  
show like palestinian refugee camps

4138  
02:52:18,070 --> 02:52:16,160

new york times had compiled a large

4139

02:52:21,349 --> 02:52:18,080

library of images of this

4140

02:52:23,110 --> 02:52:21,359

and people see this right away and they

4141

02:52:24,950 --> 02:52:23,120

your brain knows i'm looking at fairly

4142

02:52:26,950 --> 02:52:24,960

grainy stuff on your phone

4143

02:52:29,110 --> 02:52:26,960

but it was enough

4144

02:52:32,150 --> 02:52:29,120

to transport people to feel like they're

4145

02:52:34,309 --> 02:52:32,160

there and it's a sort of empathy engine

4146

02:52:37,110 --> 02:52:34,319

that instead of looking at traditional

4147

02:52:38,790 --> 02:52:37,120

framed media seeing it in this sort of

4148

02:52:41,910 --> 02:52:38,800

way that sort of takes over

4149

02:52:45,510 --> 02:52:41,920

all of your eyes it got people to relate

4150

02:52:47,190 --> 02:52:45,520

to people in a much more fundamental way

4151  
02:52:48,870 --> 02:52:47,200  
and it's fascinating because it's just

4152  
02:52:52,870 --> 02:52:48,880  
electrical signals but

4153  
02:52:55,349 --> 02:52:52,880  
vr has that capacity to i think sort of

4154  
02:52:57,990 --> 02:52:55,359  
get past your your barriers to make you

4155  
02:53:00,389 --> 02:52:58,000  
not think of yourself as so different

4156  
02:53:01,830 --> 02:53:00,399  
from somebody because now you feel kind

4157  
02:53:03,830 --> 02:53:01,840  
of in their shoes and it's really

4158  
02:53:05,429 --> 02:53:03,840  
powerful sensation well what's the

4159  
02:53:06,550 --> 02:53:05,439  
difference

4160  
02:53:07,830 --> 02:53:06,560  
between

4161  
02:53:09,910 --> 02:53:07,840  
ar

4162  
02:53:13,030 --> 02:53:09,920  
or you know virtual you know vr it

4163  
02:53:16,230 --> 02:53:13,040

doesn't matter and and our eyeballs

4164

02:53:19,190 --> 02:53:16,240

it's still electrical impulses that are

4165

02:53:21,590 --> 02:53:19,200

being interpreted by our brain yeah it

4166

02:53:22,950 --> 02:53:21,600

comes down to the visual cortex which

4167

02:53:24,950 --> 02:53:22,960

doesn't have

4168

02:53:26,950 --> 02:53:24,960

a lot of distinction between what it is

4169

02:53:28,550 --> 02:53:26,960

it's a it's a signal that goes there

4170

02:53:31,190 --> 02:53:28,560

right and the brain is recreating i

4171

02:53:33,030 --> 02:53:31,200

think like upside down in the back so

4172

02:53:34,630 --> 02:53:33,040

like a lucid dream right you've got this

4173

02:53:36,630 --> 02:53:34,640

sort of shut off valve in your brain

4174

02:53:37,349 --> 02:53:36,640

that says hey this is not real

4175

02:53:39,830 --> 02:53:37,359

now

4176

02:53:41,990 --> 02:53:39,840

the other sort of

4177

02:53:44,790 --> 02:53:42,000

aspect of this is psychedelic

4178

02:53:47,269 --> 02:53:44,800

experiences right which are

4179

02:53:49,990 --> 02:53:47,279

different types of input to the brain

4180

02:53:53,429 --> 02:53:50,000

and as you know i'm a big fan of

4181

02:53:54,309 --> 02:53:53,439

psychedelics and entheogenics like dmt

4182

02:53:55,750 --> 02:53:54,319

and

4183

02:53:57,990 --> 02:53:55,760

the question there is is that

4184

02:53:59,190 --> 02:53:58,000

objectively real what certainly feels

4185

02:54:01,510 --> 02:53:59,200

real to me

4186

02:54:02,950 --> 02:54:01,520

and even perhaps before we can determine

4187

02:54:04,630 --> 02:54:02,960

that which is another interest of mine

4188

02:54:07,750 --> 02:54:04,640

to actually determine that that's

4189

02:54:10,389 --> 02:54:07,760

objectively real is it's valid you know

4190

02:54:11,910 --> 02:54:10,399

psychedelics sort of got

4191

02:54:14,150 --> 02:54:11,920

made illegal but they're really coming

4192

02:54:16,150 --> 02:54:14,160

back in terms of clinical prestige in

4193

02:54:17,910 --> 02:54:16,160

terms of the real value that people can

4194

02:54:20,550 --> 02:54:17,920

have from these experiences whether

4195

02:54:21,830 --> 02:54:20,560

they're objectively real or not the

4196

02:54:23,830 --> 02:54:21,840

types of

4197

02:54:26,550 --> 02:54:23,840

feeling of connectedness

4198

02:54:27,910 --> 02:54:26,560

and of peace and of feeling that you see

4199

02:54:31,110 --> 02:54:27,920

the universe

4200

02:54:33,510 --> 02:54:31,120

are so powerful and these are again just

4201  
02:54:36,150 --> 02:54:33,520  
reduced to electrical signals in your

4202  
02:54:37,750 --> 02:54:36,160  
brain but you know they're there for

4203  
02:54:41,030 --> 02:54:37,760  
many people including myself just

4204  
02:54:43,990 --> 02:54:41,040  
transcendent experiences i

4205  
02:54:47,349 --> 02:54:44,000  
i have a mutual friend

4206  
02:54:49,190 --> 02:54:47,359  
of the two of us uh who i have a huge an

4207  
02:54:50,870 --> 02:54:49,200  
intellectual i have a huge amount of

4208  
02:54:51,990 --> 02:54:50,880  
respect for i can't say any more than

4209  
02:54:53,590 --> 02:54:52,000  
that

4210  
02:54:55,590 --> 02:54:53,600  
called me up

4211  
02:54:58,550 --> 02:54:55,600  
uh last year

4212  
02:55:02,070 --> 02:54:58,560  
and says jimmy

4213  
02:55:05,269 --> 02:55:02,080

last night i smoked dmt

4214

02:55:06,870 --> 02:55:05,279

i talked to two aliens

4215

02:55:07,830 --> 02:55:06,880

i said what

4216

02:55:10,630 --> 02:55:07,840

right

4217

02:55:13,429 --> 02:55:10,640

i said you did what

4218

02:55:16,950 --> 02:55:13,439

i said would you he goes it's real

4219

02:55:17,910 --> 02:55:16,960

i go what do you mean the et's yeah were

4220

02:55:19,830 --> 02:55:17,920

real

4221

02:55:22,469 --> 02:55:19,840

i got no what are you saying you were

4222

02:55:26,150 --> 02:55:22,479

just no no jimmy

4223

02:55:27,510 --> 02:55:26,160

i'm telling you yeah right i went and

4224

02:55:29,190 --> 02:55:27,520

spoke

4225

02:55:31,110 --> 02:55:29,200

and sat down

4226  
02:55:33,429 --> 02:55:31,120  
with two et's what did they look like he

4227  
02:55:37,190 --> 02:55:33,439  
said they were white uh

4228  
02:55:39,269 --> 02:55:37,200  
uh uh uh how do bubbly robots

4229  
02:55:41,269 --> 02:55:39,279  
that's how he described it so i don't

4230  
02:55:42,870 --> 02:55:41,279  
know what that would mean

4231  
02:55:46,790 --> 02:55:42,880  
but he said that he sat and had this

4232  
02:55:48,710 --> 02:55:46,800  
conversation and he said when

4233  
02:55:51,269 --> 02:55:48,720  
he came out of it

4234  
02:55:52,790 --> 02:55:51,279  
and had to think about and he remembered

4235  
02:55:55,110 --> 02:55:52,800  
everything i'm telling you something

4236  
02:55:58,309 --> 02:55:55,120  
that you already know of course but

4237  
02:56:01,670 --> 02:55:58,319  
he said it scared the crap out of him

4238  
02:56:04,630 --> 02:56:01,680

because it was as real as anything he

4239

02:56:06,710 --> 02:56:04,640

knows in in this reality of ours

4240

02:56:09,349 --> 02:56:06,720

yeah for me is the opposite

4241

02:56:11,750 --> 02:56:09,359

not feeling trapped there but of asking

4242

02:56:13,590 --> 02:56:11,760

if i could stay there forever it felt so

4243

02:56:16,630 --> 02:56:13,600

good he said he wouldn't do it again he

4244

02:56:18,309 --> 02:56:16,640

said he said no no no it's scary it's

4245

02:56:19,590 --> 02:56:18,319

different for different people i i saw a

4246

02:56:20,550 --> 02:56:19,600

comment in here

4247

02:56:21,910 --> 02:56:20,560

um

4248

02:56:23,670 --> 02:56:21,920

somebody mentioned

4249

02:56:25,429 --> 02:56:23,680

the movie the robin williams a guy named

4250

02:56:28,150 --> 02:56:25,439

zero cool or a woman named zero cool

4251

02:56:30,550 --> 02:56:28,160

mentioned the robin williams movie

4252

02:56:31,990 --> 02:56:30,560

and um where he walked through the

4253

02:56:34,870 --> 02:56:32,000

painted world

4254

02:56:37,349 --> 02:56:34,880

and that's a beautiful movie it's called

4255

02:56:39,349 --> 02:56:37,359

um what dreams may come yeah thank you

4256

02:56:41,830 --> 02:56:39,359

what dreams i blanked on it my brother

4257

02:56:45,030 --> 02:56:41,840

joel won an oscar

4258

02:56:48,230 --> 02:56:45,040

for visual effects for that movie

4259

02:56:51,110 --> 02:56:48,240

and it's this beautiful representation

4260

02:56:53,110 --> 02:56:51,120

of being in a painted world

4261

02:56:55,110 --> 02:56:53,120

and you can easily imagine that was

4262

02:56:57,030 --> 02:56:55,120

psychedelics but

4263

02:56:59,990 --> 02:56:57,040

it's probably not long before you could

4264

02:57:02,550 --> 02:57:00,000

have an equivalent experience like that

4265

02:57:03,750 --> 02:57:02,560

in some type of vr

4266

02:57:06,550 --> 02:57:03,760

environment

4267

02:57:12,389 --> 02:57:06,560

is dmt

4268

02:57:16,389 --> 02:57:12,399

setting

4269

02:57:18,870 --> 02:57:16,399

could help answer to physicist

4270

02:57:21,349 --> 02:57:18,880

access to a parallel world that that

4271

02:57:23,670 --> 02:57:21,359

does truly indeed exist

4272

02:57:25,429 --> 02:57:23,680

that's my hope so i mentioned i'd like

4273

02:57:27,670 --> 02:57:25,439

to do a classification system for

4274

02:57:30,070 --> 02:57:27,680

communications right but i'm also

4275

02:57:32,389 --> 02:57:30,080

working on developing a methodology for

4276

02:57:34,230 --> 02:57:32,399

experiencers whether it's dmt or lucid

4277

02:57:36,389 --> 02:57:34,240

dreams or ghosts or

4278

02:57:37,750 --> 02:57:36,399

ets or whatever it is because i think

4279

02:57:39,990 --> 02:57:37,760

they may all be connected so i don't

4280

02:57:42,230 --> 02:57:40,000

like to call them different things

4281

02:57:44,389 --> 02:57:42,240

but so that if you want because a lot of

4282

02:57:45,670 --> 02:57:44,399

experiences don't care what science has

4283

02:57:48,150 --> 02:57:45,680

to say about them but for some

4284

02:57:49,990 --> 02:57:48,160

experiencers they would like

4285

02:57:51,590 --> 02:57:50,000

somebody to say yes that's objectively

4286

02:57:55,190 --> 02:57:51,600

real right so i'm working on a

4287

02:57:58,150 --> 02:57:55,200

communications methodology to inculcate

4288

02:58:00,230 --> 02:57:58,160

into the experience or community such

4289

02:58:02,710 --> 02:58:00,240

that if they're going to have repeated

4290

02:58:05,510 --> 02:58:02,720

experiences with these super intelligent

4291

02:58:06,950 --> 02:58:05,520

entities they can go there with a

4292

02:58:09,830 --> 02:58:06,960

bespoke

4293

02:58:12,150 --> 02:58:09,840

curated science-friendly question like

4294

02:58:14,150 --> 02:58:12,160

factor this large prime number

4295

02:58:15,269 --> 02:58:14,160

and come back with an answer now it's

4296

02:58:17,590 --> 02:58:15,279

difficult because you don't always

4297

02:58:18,389 --> 02:58:17,600

control those situations i know right

4298

02:58:23,830 --> 02:58:18,399

but

4299

02:58:27,030 --> 02:58:23,840

father as a scientist i'm interested in

4300

02:58:28,070 --> 02:58:27,040

bringing science and these experiences

4301

02:58:30,710 --> 02:58:28,080

together

4302

02:58:33,429 --> 02:58:30,720

and i know scientists and i'd like to

4303

02:58:34,710 --> 02:58:33,439

say hey because if we take you know

4304

02:58:37,750 --> 02:58:34,720

random

4305

02:58:40,389 --> 02:58:37,760

materials to them or messages of warning

4306

02:58:41,990 --> 02:58:40,399

or your aunt ginny has the gout that

4307

02:58:44,710 --> 02:58:42,000

doesn't do anything for science but if

4308

02:58:47,670 --> 02:58:44,720

we have scientifically mathematically

4309

02:58:50,150 --> 02:58:47,680

unambiguous difficult questions that are

4310

02:58:52,070 --> 02:58:50,160

answered that will make science lean in

4311

02:58:54,630 --> 02:58:52,080

a bit we do a little bit more they lean

4312

02:58:56,550 --> 02:58:54,640

in more we get funding and that is a

4313

02:58:57,830 --> 02:58:56,560

potential way

4314

02:59:00,230 --> 02:58:57,840

to

4315

02:59:02,309 --> 02:59:00,240

demonstrate the objective reality of

4316

02:59:04,550 --> 02:59:02,319

these experiences which many of us feel

4317

02:59:07,030 --> 02:59:04,560

are real the first two

4318

02:59:08,230 --> 02:59:07,040

people that you've got to get to smoke

4319

02:59:10,389 --> 02:59:08,240

dmt

4320

02:59:12,790 --> 02:59:10,399

would be richard dawkins

4321

02:59:16,070 --> 02:59:12,800

and neil degrasse tyson

4322

02:59:18,550 --> 02:59:16,080

would it be enough for them to go all

4323

02:59:20,469 --> 02:59:18,560

right there's something else here

4324

02:59:22,469 --> 02:59:20,479

yeah and you know michael shermer and

4325

02:59:24,469 --> 02:59:22,479

seth shostak are also

4326

02:59:26,550 --> 02:59:24,479

open-minded scientists that have no

4327

02:59:28,950 --> 02:59:26,560

horse in the race that if they see

4328

02:59:30,790 --> 02:59:28,960

compelling evidence they'll say yes okay

4329

02:59:32,070 --> 02:59:30,800

i find that convincing

4330

02:59:33,429 --> 02:59:32,080

i was on a cruise ship with neil

4331

02:59:36,070 --> 02:59:33,439

degrasse tyson when i was a kid with

4332

02:59:37,990 --> 02:59:36,080

neil armstrong so maybe i can convince

4333

02:59:39,670 --> 02:59:38,000

him he knows my brother but those are

4334

02:59:41,030 --> 02:59:39,680

the types of people that if we go to

4335

02:59:43,110 --> 02:59:41,040

them and say

4336

02:59:46,150 --> 02:59:43,120

we want to do something in a scientific

4337

02:59:47,990 --> 02:59:46,160

fashion will you help me sort of design

4338

02:59:49,990 --> 02:59:48,000

what that is without lending your name

4339

02:59:51,990 --> 02:59:50,000

to it then if i get some hits some

4340

02:59:53,990 --> 02:59:52,000

interesting results will you lean in a

4341

02:59:56,870 --> 02:59:54,000

bit more and those are the type of

4342

02:59:59,429 --> 02:59:56,880

people who are skeptics but open-minded

4343

03:00:01,349 --> 02:59:59,439

and if you get them to say yes that's

4344

03:00:04,230 --> 03:00:01,359

interesting now you start getting

4345

03:00:07,269 --> 03:00:04,240

attention in a way very different from

4346

03:00:09,830 --> 03:00:07,279

the validity to somebody subjectively

4347

03:00:13,670 --> 03:00:09,840

and an overall scientific objective

4348

03:00:15,429 --> 03:00:13,680

sense yeah what uh we've got 45 seconds

4349

03:00:18,950 --> 03:00:15,439

on a scale of one to ten what are the

4350

03:00:21,510 --> 03:00:18,960

odds of pulling that off with with the

4351  
03:00:23,349 --> 03:00:21,520  
the skeptical side of the fence i mean

4352  
03:00:25,910 --> 03:00:23,359  
actually getting

4353  
03:00:28,309 --> 03:00:25,920  
you know even if it is baby steps to

4354  
03:00:29,910 --> 03:00:28,319  
pull that off neil degrasse tyson is

4355  
03:00:32,309 --> 03:00:29,920  
that a one or a 10.

4356  
03:00:35,349 --> 03:00:32,319  
the odds are greater than of me ever

4357  
03:00:37,590 --> 03:00:35,359  
selling any of my ufo bitcoin would you

4358  
03:00:40,070 --> 03:00:37,600  
well so you wouldn't give up bitcoin to

4359  
03:00:41,110 --> 03:00:40,080  
be abducted really

4360  
03:00:42,070 --> 03:00:41,120  
correct

4361  
03:00:44,469 --> 03:00:42,080  
really

4362  
03:00:46,710 --> 03:00:44,479  
yeah e.t lantern says you can come with

4363  
03:00:48,389 --> 03:00:46,720

us but i need two bitcoin you're you're

4364

03:00:49,990 --> 03:00:48,399

not taking the trip clearly i would

4365

03:00:52,630 --> 03:00:50,000

because i would just buy the bitcoin

4366

03:00:53,910 --> 03:00:52,640

back right afterwards but in general

4367

03:00:55,990 --> 03:00:53,920

you're not going to pry the bitcoin on

4368

03:00:58,070 --> 03:00:56,000

my hands the odds i know we got maybe 10

4369

03:00:59,670 --> 03:00:58,080

seconds the odds of actually proving

4370

03:01:02,150 --> 03:00:59,680

this i don't know

4371

03:01:04,070 --> 03:01:02,160

but i also want to sort of permeate in

4372

03:01:06,950 --> 03:01:04,080

the experience your community this

4373

03:01:09,030 --> 03:01:06,960

notion of hey here's a way that we can

4374

03:01:11,990 --> 03:01:09,040

bring science into this and that may

4375

03:01:15,110 --> 03:01:12,000

germinate over time you're the best paul

4376  
03:01:17,030 --> 03:01:15,120  
heineck what just what a great show and

4377  
03:01:19,190 --> 03:01:17,040  
uh i've got to get you out to the house

4378  
03:01:21,830 --> 03:01:19,200  
and we got to hang out all right

4379  
03:01:24,230 --> 03:01:21,840  
okay all right is that a deal i'm free

4380  
03:01:25,670 --> 03:01:24,240  
that night i'll talk to you paul heineck

4381  
03:01:27,110 --> 03:01:25,680  
thank you so much paul and you're going

4382  
03:01:29,349 --> 03:01:27,120  
to be speaking

4383  
03:01:31,510 --> 03:01:29,359  
uh that's a bob brown event right ufo

4384  
03:01:32,309 --> 03:01:31,520  
mega account up in uh utah

4385  
03:01:35,750 --> 03:01:32,319  
it's the ufo disclosures

4386  
03:01:41,429 --> 03:01:39,670  
in vernal utah may 27th through 29th

4387  
03:01:44,150 --> 03:01:41,439  
yeah i think that's a bob brown event

4388  
03:01:46,070 --> 03:01:44,160

and uh that looks amazing

4389

03:01:49,269 --> 03:01:46,080

and i'll get the links up to the event

4390

03:01:50,870 --> 03:01:49,279

in social media for everybody paul enjoy

4391

03:01:52,150 --> 03:01:50,880

the rest of your night my friend thank

4392

03:01:54,710 --> 03:01:52,160

you so much

4393

03:01:57,030 --> 03:01:54,720

pleasure jimmy anytime

4394

03:01:58,469 --> 03:01:57,040

paul heineck and i've got the links up

4395

03:02:01,830 --> 03:01:58,479

to uh

4396

03:02:03,990 --> 03:02:01,840

his dad's ufo report it's right there

4397

03:02:05,910 --> 03:02:04,000

and you can get it on amazon fade to

4398

03:02:07,990 --> 03:02:05,920

black is produced by hill j palm rene

4399

03:02:09,830 --> 03:02:08,000

dennis and kevin announcers are steve

4400

03:02:11,670 --> 03:02:09,840

harter jean vitello mark d kovar

4401  
03:02:13,910 --> 03:02:11,680  
webmaster is drew the geek

4402  
03:02:16,150 --> 03:02:13,920  
music doug aldrich intro spaceboy

4403  
03:02:18,070 --> 03:02:16,160  
spaceboymusic.com

4404  
03:02:19,269 --> 03:02:18,080  
fade to black is produced by kjcr for

4405  
03:02:21,670 --> 03:02:19,279  
the game changer network in this

4406  
03:02:23,030 --> 03:02:21,680  
broadcast owned a copyrighted 2022 by

4407  
03:02:25,349 --> 03:02:23,040  
fade to black and the game changer

4408  
03:02:26,950 --> 03:02:25,359  
network inc it cannot be re-broadcast

4409  
03:02:28,710 --> 03:02:26,960  
downloaded copied or used anywhere in

4410  
03:02:30,070 --> 03:02:28,720  
the known universe without written

4411  
03:02:32,150 --> 03:02:30,080  
permission from fade to black of the

4412  
03:02:34,389 --> 03:02:32,160  
game changer network i'm your jimmy

4413  
03:02:35,429 --> 03:02:34,399

church tomorrow night physicist isaac

4414

03:02:38,630 --> 03:02:35,439

arthur

4415

03:02:41,590 --> 03:02:38,640

is right here exoplanets and e.t

4416

03:02:45,500 --> 03:02:41,600

until then i want everybody to be safe

4417

03:03:07,730 --> 03:02:45,510

it's time to fade to black

4418

03:03:07,740 --> 03:03:16,309

[Music]

4419

03:03:16,319 --> 03:03:26,870

so