



WAL THORNHILL

THE ELECTRIC UNIVERSE, THE SAFIRE PROJECT, & PLASMA



JOIN PLUS FOR FULL 2HR EPISODES:
THEHIGHERSIDECHATS.COM

1
00:00:04,630 --> 00:00:02,830

[Music]

2
00:00:06,869 --> 00:00:04,640
congratulations youtube

3
00:00:08,310 --> 00:00:06,879
you did it you wore me down and you

4
00:00:10,709 --> 00:00:08,320
sucked me back in

5
00:00:12,150 --> 00:00:10,719
i have too many subscribers here just to

6
00:00:14,230 --> 00:00:12,160
walk away entirely

7
00:00:15,430 --> 00:00:14,240
especially with no alternative that

8
00:00:17,510 --> 00:00:15,440
truly stacks up

9
00:00:19,590 --> 00:00:17,520
and so many copycat channels uploading

10
00:00:22,070 --> 00:00:19,600
my shows for me anyway

11
00:00:24,150 --> 00:00:22,080
but we can't forget the thc's account

12
00:00:25,910 --> 00:00:24,160
here is on thin ice

13
00:00:28,710 --> 00:00:25,920

and so the youtube version of the show

14

00:00:31,589 --> 00:00:28,720

has to be prefaced with this little psa

15

00:00:32,870 --> 00:00:31,599

only to say that episodes that contain

16

00:00:34,709 --> 00:00:32,880

the kinds of themes that have been

17

00:00:37,670 --> 00:00:34,719

regularly banned on youtube

18

00:00:38,389 --> 00:00:37,680

will not appear here and even with that

19

00:00:40,229 --> 00:00:38,399

precaution

20

00:00:42,310 --> 00:00:40,239

there's already enough in the archive to

21

00:00:44,549 --> 00:00:42,320

get us removed so remember that the

22

00:00:45,830 --> 00:00:44,559

higher side chats could be banned or put

23

00:00:48,229 --> 00:00:45,840

in time out again

24

00:00:49,430 --> 00:00:48,239

at any time and i won't be able to tell

25

00:00:51,510 --> 00:00:49,440

you guys about it

26

00:00:53,189 --> 00:00:51,520

so if you feel like it's been too long

27

00:00:55,350 --> 00:00:53,199

since you've heard from me here on this

28

00:00:57,350 --> 00:00:55,360

digital dystopian draconian

29

00:00:59,110 --> 00:00:57,360

data mining monster of a police state

30

00:01:00,990 --> 00:00:59,120

seeking platform

31

00:01:03,750 --> 00:01:01,000

your first step should be to check the

32

00:01:10,550 --> 00:01:03,760

hiresightchats.com for the latest shows

33

00:01:14,149 --> 00:01:12,469

embrace yourself because you're about to

34

00:01:15,990 --> 00:01:14,159

dive into another free first hour

35

00:01:17,270 --> 00:01:16,000

episode of the higher side chats

36

00:01:18,710 --> 00:01:17,280

and we just want to let you know that

37

00:01:20,390 --> 00:01:18,720

whether you're looking for a companion

38

00:01:21,670 --> 00:01:20,400

through your paranoid insomnia

39

00:01:23,429 --> 00:01:21,680

entertaining yourself through one of

40

00:01:24,950 --> 00:01:23,439

life's mundane activities

41

00:01:27,109 --> 00:01:24,960

or trying to ward off the internal

42

00:01:28,230 --> 00:01:27,119

screams of all those sad smothered souls

43

00:01:30,310 --> 00:01:28,240

around the office

44

00:01:31,990 --> 00:01:30,320

thc is here and you should know that

45

00:01:33,109 --> 00:01:32,000

every episode of the higher side chats

46

00:01:35,870 --> 00:01:33,119

has an entire second

47

00:01:37,190 --> 00:01:35,880

hour for plus members sign up at the

48

00:01:38,789 --> 00:01:37,200

highersidechats.com

49

00:01:41,109 --> 00:01:38,799

and you'll get years of plus show

50

00:01:42,710 --> 00:01:41,119

archives lifetime forum access

51
00:01:44,389 --> 00:01:42,720
a special invite to greg carlwood's

52
00:01:47,590 --> 00:01:44,399
monthly joint sessions

53
00:01:50,630 --> 00:01:47,600
mp3s of thc music bonus episodes

54
00:01:52,230 --> 00:01:50,640
tour videos and 10 off t-shirts

55
00:01:54,310 --> 00:01:52,240
grinders and whatever else ends up in

56
00:01:55,749 --> 00:01:54,320
the higher side store it's eight dollars

57
00:01:57,510 --> 00:01:55,759
a month that you won't miss

58
00:01:59,350 --> 00:01:57,520
so become a plus member and treat

59
00:02:01,590 --> 00:01:59,360
yourself in these troubled times

60
00:02:03,030 --> 00:02:01,600
always action-packed and commercial-free

61
00:02:12,710 --> 00:02:03,040
which means you'll unfortunately

62
00:02:17,190 --> 00:02:15,350
in the 1930s president franklin delano

63
00:02:19,030 --> 00:02:17,200

roosevelt addressed the nation through a

64

00:02:22,229 --> 00:02:19,040

series of radio broadcasts

65

00:02:23,990 --> 00:02:22,239

known as the fireside chats his aim was

66

00:02:25,910 --> 00:02:24,000

to reassure the common man that our

67

00:02:26,630 --> 00:02:25,920

society would recover from its troubled

68

00:02:29,270 --> 00:02:26,640

times

69

00:02:30,869 --> 00:02:29,280

well we're far from 1930 and i deal with

70

00:02:33,509 --> 00:02:30,879

a different kind of fire

71

00:02:36,390 --> 00:02:33,519

for a new era of worldly frustration we

72

00:02:37,509 --> 00:02:36,400

offer a fresh conversation i'm greg

73

00:02:41,350 --> 00:02:37,519

carlwood

74

00:02:43,030 --> 00:02:41,360

and these are the higher side chats

75

00:02:45,430 --> 00:02:43,040

all right higher side chatters from

76
00:02:46,790 --> 00:02:45,440
sunny san diego i'm greg carlwood and i

77
00:02:49,750 --> 00:02:46,800
don't know if ignorance

78
00:02:51,910 --> 00:02:49,760
arrogance or full-blown intentional is

79
00:02:53,589 --> 00:02:51,920
to blame but it's becoming more obvious

80
00:02:55,190 --> 00:02:53,599
that most areas of science are

81
00:02:56,790 --> 00:02:55,200
completely off the mark

82
00:02:58,869 --> 00:02:56,800
in the realm of health it seems that the

83
00:03:00,630 --> 00:02:58,879
bio-terrain model and holistic approach

84
00:03:02,550 --> 00:03:00,640
to wellness are having results that far

85
00:03:03,190 --> 00:03:02,560
exceed the best offerings of rockefeller

86
00:03:05,509 --> 00:03:03,200
medicine

87
00:03:07,110 --> 00:03:05,519
without the troubling side effects when

88
00:03:09,110 --> 00:03:07,120

it comes to fuel and energy it's pretty

89

00:03:11,030 --> 00:03:09,120

clear that the system has a very rigid

90

00:03:12,869 --> 00:03:11,040

line drawn in the sand despite many

91

00:03:14,550 --> 00:03:12,879

stories of promising results from those

92

00:03:16,550 --> 00:03:14,560

brave enough to cross it

93

00:03:18,550 --> 00:03:16,560

we have a long history of strange things

94

00:03:21,350 --> 00:03:18,560

seen flying or hovering in the sky that

95

00:03:23,190 --> 00:03:21,360

our best experts tell us cannot exist

96

00:03:25,190 --> 00:03:23,200

and fields like ether physics and

97

00:03:27,030 --> 00:03:25,200

alchemy were highly regarded by some of

98

00:03:27,830 --> 00:03:27,040

the most well respected intellectuals in

99

00:03:30,070 --> 00:03:27,840

history

100

00:03:31,030 --> 00:03:30,080

before we were told to just ignore that

101
00:03:33,110 --> 00:03:31,040
work

102
00:03:35,190 --> 00:03:33,120
knowing these things is it any surprise

103
00:03:36,229 --> 00:03:35,200
that perhaps the realms of astrophysics

104
00:03:38,229 --> 00:03:36,239
and cosmology

105
00:03:39,589 --> 00:03:38,239
are also committed to a fatally flawed

106
00:03:41,670 --> 00:03:39,599
model too

107
00:03:43,830 --> 00:03:41,680
really how much money has been spent on

108
00:03:46,070 --> 00:03:43,840
expensive salaries and so-called

109
00:03:47,750 --> 00:03:46,080
academic institutions just to tell us

110
00:03:49,750 --> 00:03:47,760
their best guess about the mystery of

111
00:03:51,670 --> 00:03:49,760
the universe is that everything exploded

112
00:03:53,190 --> 00:03:51,680
for no reason at a random date in the

113
00:03:55,190 --> 00:03:53,200

distant past

114

00:03:56,630 --> 00:03:55,200

they say it's the big bang theory but

115

00:03:58,710 --> 00:03:56,640

question it and you'll quickly find

116

00:04:00,789 --> 00:03:58,720

yourself outside of academic circles

117

00:04:01,350 --> 00:04:00,799

that won't adapt or adjust their strict

118

00:04:03,830 --> 00:04:01,360

models

119

00:04:05,750 --> 00:04:03,840

even in the slightest if you ask me

120

00:04:07,750 --> 00:04:05,760

rather than being married to complex

121

00:04:09,429 --> 00:04:07,760

mathematical equations that tell us our

122

00:04:11,350 --> 00:04:09,439

observations are wrong

123

00:04:13,509 --> 00:04:11,360

maybe these brightest minds should start

124

00:04:14,869 --> 00:04:13,519

trusting our observations

125

00:04:17,189 --> 00:04:14,879

well wouldn't you know it that is one of

126

00:04:19,430 --> 00:04:17,199

the guiding principles adhered to by the

127

00:04:21,270 --> 00:04:19,440

advocates of plasma cosmology and the

128

00:04:23,510 --> 00:04:21,280

electric universe model like today's

129

00:04:25,030 --> 00:04:23,520

returning guest wall thornhill

130

00:04:26,950 --> 00:04:25,040

we've talked about the electric universe

131

00:04:28,070 --> 00:04:26,960

many times before but its contention is

132

00:04:29,749 --> 00:04:28,080

that electricity

133

00:04:31,350 --> 00:04:29,759

rather than gravity is the primary

134

00:04:33,110 --> 00:04:31,360

operator in the cosmos and that

135

00:04:34,710 --> 00:04:33,120

everything in the universe is connected

136

00:04:36,070 --> 00:04:34,720

through this electricity

137

00:04:38,150 --> 00:04:36,080

the more you get into it the more

138

00:04:39,670 --> 00:04:38,160

simplified and elegant it seems with

139

00:04:42,150 --> 00:04:39,680

implications that are probably a lot

140

00:04:43,909 --> 00:04:42,160

more drastic than one would expect

141

00:04:45,590 --> 00:04:43,919

and probably the most well-known voice

142

00:04:47,510 --> 00:04:45,600

for the electric universe model is the

143

00:04:49,350 --> 00:04:47,520

thunderbolts project of which wal

144

00:04:51,189 --> 00:04:49,360

thornhill is the co-founding vice

145

00:04:52,469 --> 00:04:51,199

president as well as the chief science

146

00:04:54,230 --> 00:04:52,479

advisor

147

00:04:55,909 --> 00:04:54,240

wall got his degree in physics from

148

00:04:58,230 --> 00:04:55,919

melbourne university but it was

149

00:05:00,070 --> 00:04:58,240

inspiration from emmanuel velikovsky's

150

00:05:01,670 --> 00:05:00,080

book worlds and collision that pushed

151
00:05:03,590 --> 00:05:01,680
him to see past the conventional

152
00:05:04,710 --> 00:05:03,600
paradigm in a way many of his colleagues

153
00:05:06,550 --> 00:05:04,720
could not

154
00:05:08,469 --> 00:05:06,560
together with david talbot they formed

155
00:05:10,629 --> 00:05:08,479
the thunderbolts project and wrote two

156
00:05:12,469 --> 00:05:10,639
books entitled the electric universe and

157
00:05:14,710 --> 00:05:12,479
thunderbolts of the gods that are both

158
00:05:15,830 --> 00:05:14,720
still highly respected over a decade

159
00:05:17,830 --> 00:05:15,840
later

160
00:05:19,590 --> 00:05:17,840
after five years it's certainly great to

161
00:05:21,590 --> 00:05:19,600
talk to him again so let's get into it

162
00:05:23,590 --> 00:05:21,600
the great electric universe guru

163
00:05:25,749 --> 00:05:23,600

conventional cosmology critic and

164

00:05:26,710 --> 00:05:25,759

passionate advocate for a new paradigm

165

00:05:30,310 --> 00:05:26,720

wall thornhill

166

00:05:32,710 --> 00:05:30,320

welcome back thanks three minutes greg

167

00:05:34,390 --> 00:05:32,720

yes i am really looking forward to this

168

00:05:36,629 --> 00:05:34,400

you know i do a lot of interviews

169

00:05:38,070 --> 00:05:36,639

and i know you do as well and they have

170

00:05:40,790 --> 00:05:38,080

to all bleed together

171

00:05:42,390 --> 00:05:40,800

but when we spoke maybe five years ago

172

00:05:44,150 --> 00:05:42,400

it was more of an introduction to the

173

00:05:45,590 --> 00:05:44,160

electric universe model and now i think

174

00:05:47,590 --> 00:05:45,600

our audience is going to be

175

00:05:49,749 --> 00:05:47,600

a lot more comfortable with the basics

176
00:05:50,950 --> 00:05:49,759
which usually means we can dive deeper

177
00:05:54,710 --> 00:05:50,960
into the details

178
00:05:56,710 --> 00:05:54,720
and five years is a long time i find

179
00:05:58,790 --> 00:05:56,720
a lot more of my guests are working from

180
00:05:59,590 --> 00:05:58,800
the electric universe model more so than

181
00:06:01,590 --> 00:05:59,600
ever

182
00:06:03,749 --> 00:06:01,600
what would be your assessment of how the

183
00:06:05,909 --> 00:06:03,759
thunderbolts project and plasma

184
00:06:06,950 --> 00:06:05,919
cosmology and the electric universe have

185
00:06:10,309 --> 00:06:06,960
grown in that

186
00:06:13,189 --> 00:06:10,319
five-year time span well as you say

187
00:06:13,990 --> 00:06:13,199
quite a lot has happened in particular

188
00:06:17,749 --> 00:06:14,000

we had some

189

00:06:21,110 --> 00:06:17,759

very good meetings particularly 2017

190

00:06:24,230 --> 00:06:21,120

and then unfortunately my

191

00:06:26,230 --> 00:06:24,240

dear friend and colleague david talbot

192

00:06:27,270 --> 00:06:26,240

suffered a medical problem which meant

193

00:06:30,150 --> 00:06:27,280

that

194

00:06:30,550 --> 00:06:30,160

it sort of threw a spanner in the works

195

00:06:33,590 --> 00:06:30,560

for

196

00:06:34,950 --> 00:06:33,600

the following years but there's a strong

197

00:06:36,550 --> 00:06:34,960

group in britain

198

00:06:38,230 --> 00:06:36,560

following our work and have been for

199

00:06:40,230 --> 00:06:38,240

many years in fact i was

200

00:06:42,070 --> 00:06:40,240

on the committee of the society for

201
00:06:44,870 --> 00:06:42,080
interdisciplinary studies

202
00:06:46,390 --> 00:06:44,880
there for many years actually in the

203
00:06:47,830 --> 00:06:46,400
1980s

204
00:06:50,309 --> 00:06:47,840
when i was posted over there by the

205
00:06:53,749 --> 00:06:50,319
government and

206
00:06:59,189 --> 00:06:53,759
they organized two meetings in 2018

207
00:07:01,990 --> 00:06:59,199
2019 and the big feature of 2019

208
00:07:03,040 --> 00:07:02,000
was the completion of the sapphire

209
00:07:04,230 --> 00:07:03,050
project

210
00:07:07,189 --> 00:07:04,240
[Music]

211
00:07:08,629 --> 00:07:07,199
now for those who don't know about that

212
00:07:12,309 --> 00:07:08,639
the sapphire project

213
00:07:13,909 --> 00:07:12,319

was proposed initially by a canadian

214

00:07:17,270 --> 00:07:13,919

engineer

215

00:07:21,909 --> 00:07:17,280

monty montgomery childs i should say

216

00:07:24,550 --> 00:07:21,919

best known as monty and an outstanding

217

00:07:25,909 --> 00:07:24,560

professional engineer he turned out to

218

00:07:29,430 --> 00:07:25,919

be

219

00:07:32,550 --> 00:07:29,440

and eventually we managed to

220

00:07:33,909 --> 00:07:32,560

have financial backers to do the

221

00:07:37,270 --> 00:07:33,919

multi-million dollar

222

00:07:39,589 --> 00:07:37,280

experiment and this experiment was

223

00:07:40,950 --> 00:07:39,599

based on ralph jergens electric sun

224

00:07:43,350 --> 00:07:40,960

model

225

00:07:44,390 --> 00:07:43,360

with modifications by professor don

226

00:07:47,430 --> 00:07:44,400

scott

227

00:07:51,110 --> 00:07:47,440

and myself which as

228

00:07:53,749 --> 00:07:51,120

he explained after the event

229

00:07:54,150 --> 00:07:53,759

worked first go in all of the tests we

230

00:07:56,790 --> 00:07:54,160

ran

231

00:07:58,550 --> 00:07:56,800

and then in 2019 confirmed that we had

232

00:08:01,110 --> 00:07:58,560

actually produced

233

00:08:03,350 --> 00:08:01,120

an electric star in a bottle we'd

234

00:08:05,189 --> 00:08:03,360

reproduce the conditions

235

00:08:06,710 --> 00:08:05,199

witnessed in the plasma surrounding the

236

00:08:09,670 --> 00:08:06,720

sun

237

00:08:10,950 --> 00:08:09,680

and that has enormous implications of

238

00:08:14,150 --> 00:08:10,960

course

239

00:08:17,029 --> 00:08:14,160

and at present the experiment itself

240

00:08:18,390 --> 00:08:17,039

has been since the sapphire project has

241

00:08:21,430 --> 00:08:18,400

wound up

242

00:08:22,670 --> 00:08:21,440

has been transferred to a company oreon

243

00:08:25,110 --> 00:08:22,680

energy

244

00:08:26,390 --> 00:08:25,120

a-u-r-e-o-n if you have a look on the

245

00:08:29,430 --> 00:08:26,400

web

246

00:08:30,950 --> 00:08:29,440

and you will see the results of that and

247

00:08:33,990 --> 00:08:30,960

not only

248

00:08:37,110 --> 00:08:34,000

did we find that we could produce power

249

00:08:40,469 --> 00:08:37,120

like the sun we can also

250

00:08:42,949 --> 00:08:40,479

remediate nuclear waste which is

251
00:08:43,509 --> 00:08:42,959
a huge problem for the world right now

252
00:08:48,070 --> 00:08:43,519
with the

253
00:08:51,430 --> 00:08:48,080
radioactive nuclear plants that we have

254
00:08:55,190 --> 00:08:51,440
the sapphire project really proved my

255
00:08:58,230 --> 00:08:55,200
contention that

256
00:09:00,470 --> 00:08:58,240
nature never does things the hard way

257
00:09:02,550 --> 00:09:00,480
and this idea that you have to have

258
00:09:05,269 --> 00:09:02,560
incredible temperatures and pressures in

259
00:09:08,949 --> 00:09:05,279
the center of an object like a star

260
00:09:12,310 --> 00:09:08,959
to force nuclei of atoms

261
00:09:15,030 --> 00:09:12,320
to come together and fuse is

262
00:09:15,509 --> 00:09:15,040
completely mistaken when you think about

263
00:09:19,829 --> 00:09:15,519

it

264

00:09:21,590 --> 00:09:19,839

based more or less on the successive

265

00:09:24,870 --> 00:09:21,600

hydrogen bombs

266

00:09:27,590 --> 00:09:24,880

but when you look at the night sky as uh

267

00:09:30,310 --> 00:09:27,600

montgomery child said and i thought this

268

00:09:33,269 --> 00:09:30,320

was a very good engineering principle

269

00:09:36,230 --> 00:09:33,279

when you look at the night sky you don't

270

00:09:39,350 --> 00:09:36,240

see stars exploding or changing color or

271

00:09:39,750 --> 00:09:39,360

suddenly brightening and then fading he

272

00:09:43,190 --> 00:09:39,760

said

273

00:09:45,829 --> 00:09:43,200

whatever is going on in those stars is

274

00:09:49,030 --> 00:09:45,839

very well regulated

275

00:09:51,590 --> 00:09:49,040

and so the sapphire experiment was

276

00:09:53,670 --> 00:09:51,600

code named from stellar atmospheric

277

00:09:54,470 --> 00:09:53,680

function in regulation experiment it's a

278

00:09:58,389 --> 00:09:54,480

bit of a

279

00:10:01,350 --> 00:09:58,399

clumsy sentence but it tells you that

280

00:10:01,910 --> 00:10:01,360

we were looking at the regulatory effect

281

00:10:08,630 --> 00:10:01,920

of

282

00:10:10,630 --> 00:10:08,640

who pointed out that the bright

283

00:10:13,750 --> 00:10:10,640

photosphere of a star

284

00:10:17,430 --> 00:10:13,760

actually behaves like a pnp transistor

285

00:10:20,630 --> 00:10:17,440

so it resists changes in output

286

00:10:23,430 --> 00:10:20,640

when there is a change in the input

287

00:10:25,990 --> 00:10:23,440

it's like a regulated power supply which

288

00:10:29,430 --> 00:10:26,000

are in common use

289

00:10:31,990 --> 00:10:29,440

and this of course explains why the sun

290

00:10:34,630 --> 00:10:32,000

is a variable star in x-rays but it's

291

00:10:37,350 --> 00:10:34,640

very steady in its radiant output

292

00:10:38,790 --> 00:10:37,360

the light and heat that it puts out and

293

00:10:40,150 --> 00:10:38,800

of course this is critical if you're

294

00:10:42,230 --> 00:10:40,160

going to try and have

295

00:10:43,350 --> 00:10:42,240

life on planets around stars you don't

296

00:10:46,150 --> 00:10:43,360

want the

297

00:10:47,829 --> 00:10:46,160

output bearing wildly so that you've got

298

00:10:50,870 --> 00:10:47,839

an ice age one minute and then you're

299

00:10:54,630 --> 00:10:50,880

being roasted and burnt the next

300

00:10:56,630 --> 00:10:54,640

and so all the evidence pointed to the

301
00:10:58,949 --> 00:10:56,640
fact that jurgen's original model was

302
00:11:00,550 --> 00:10:58,959
correct because it satisfied

303
00:11:02,310 --> 00:11:00,560
all of the observations that we could

304
00:11:02,949 --> 00:11:02,320
see when you look at a star closely

305
00:11:05,910 --> 00:11:02,959
there are

306
00:11:07,269 --> 00:11:05,920
many many puzzles about what's going on

307
00:11:10,230 --> 00:11:07,279
one of the ones which

308
00:11:10,949 --> 00:11:10,240
the conventional scientists have

309
00:11:14,389 --> 00:11:10,959
problems with

310
00:11:16,630 --> 00:11:14,399
is why is the hottest part of the sun

311
00:11:17,509 --> 00:11:16,640
outside the sun now if you're just

312
00:11:19,509 --> 00:11:17,519
trying to shed

313
00:11:20,949 --> 00:11:19,519

energy from inside then the inside

314

00:11:21,990 --> 00:11:20,959

should be the hottest and the outside

315

00:11:23,750 --> 00:11:22,000

should be the coolest

316

00:11:25,590 --> 00:11:23,760

right it's pretty damned obvious

317

00:11:27,750 --> 00:11:25,600

everyone knows that you know

318

00:11:28,630 --> 00:11:27,760

the further you move away from a fire or

319

00:11:31,269 --> 00:11:28,640

a heater

320

00:11:32,550 --> 00:11:31,279

the colder you get but this is the

321

00:11:35,030 --> 00:11:32,560

reverse with the sun

322

00:11:36,389 --> 00:11:35,040

and of course it makes perfect sense if

323

00:11:40,389 --> 00:11:36,399

the energy is coming

324

00:11:41,990 --> 00:11:40,399

outside there are many other issues

325

00:11:45,269 --> 00:11:42,000

about that but

326

00:11:45,910 --> 00:11:45,279

basically what we've done is it should

327

00:11:47,829 --> 00:11:45,920

be

328

00:11:49,509 --> 00:11:47,839

front page news around the world if

329

00:11:50,470 --> 00:11:49,519

anyone was paying attention but of

330

00:11:53,430 --> 00:11:50,480

course

331

00:11:55,110 --> 00:11:53,440

what we are doing is impossible

332

00:11:58,230 --> 00:11:55,120

according to

333

00:12:00,150 --> 00:11:58,240

particle physics but of course particle

334

00:12:02,069 --> 00:12:00,160

physics is in

335

00:12:03,990 --> 00:12:02,079

we keep seeing headlines in science

336

00:12:07,110 --> 00:12:04,000

magazines and journals that

337

00:12:09,990 --> 00:12:07,120

quantum theory is in strife because

338

00:12:10,790 --> 00:12:10,000

they can't explain weird things that go

339

00:12:12,550 --> 00:12:10,800

on and

340

00:12:15,350 --> 00:12:12,560

of course they postulate the mini

341

00:12:17,430 --> 00:12:15,360

universe's idea and all sorts of

342

00:12:18,790 --> 00:12:17,440

intellectual nonsense to try and patch

343

00:12:22,069 --> 00:12:18,800

up a story which

344

00:12:23,910 --> 00:12:22,079

is failing well said

345

00:12:25,509 --> 00:12:23,920

and i'm glad you brought up the sapphire

346

00:12:27,910 --> 00:12:25,519

project because it was one of the

347

00:12:29,670 --> 00:12:27,920

primary things i wanted to ask you about

348

00:12:31,670 --> 00:12:29,680

i've read through a lot of the material

349

00:12:33,509 --> 00:12:31,680

and the results but a lot of what i read

350

00:12:35,990 --> 00:12:33,519

was a bit over my head

351
00:12:37,030 --> 00:12:36,000
i am curious though when you got this

352
00:12:39,269 --> 00:12:37,040
star in a jar

353
00:12:40,870 --> 00:12:39,279
working some of the questions i would

354
00:12:44,310 --> 00:12:40,880
have are

355
00:12:44,790 --> 00:12:44,320
how long did it burn for how stable was

356
00:12:46,550 --> 00:12:44,800
it

357
00:12:49,030 --> 00:12:46,560
i know you said the project wrapped up

358
00:12:51,670 --> 00:12:49,040
but could it keep on sustaining itself

359
00:12:53,670 --> 00:12:51,680
in perpetuity if that was the goal these

360
00:12:55,829 --> 00:12:53,680
sorts of things

361
00:12:57,590 --> 00:12:55,839
well these are all very good questions

362
00:13:00,949 --> 00:12:57,600
and of course

363
00:13:02,550 --> 00:13:00,959

the main thing to test was whether we

364

00:13:05,110 --> 00:13:02,560

could regulate the

365

00:13:06,389 --> 00:13:05,120

experiment we could set the knobs to a

366

00:13:08,470 --> 00:13:06,399

certain

367

00:13:10,550 --> 00:13:08,480

position and we would get exactly the

368

00:13:12,069 --> 00:13:10,560

same results each time

369

00:13:14,310 --> 00:13:12,079

and we showed that early on that we

370

00:13:16,710 --> 00:13:14,320

could do that

371

00:13:17,430 --> 00:13:16,720

my contribution was in the particle

372

00:13:20,389 --> 00:13:17,440

physics

373

00:13:20,870 --> 00:13:20,399

side of things and what actually creates

374

00:13:24,550 --> 00:13:20,880

the

375

00:13:26,870 --> 00:13:24,560

energy that we see from a bright star

376

00:13:28,150 --> 00:13:26,880

and it is nuclear energy but it's the

377

00:13:29,829 --> 00:13:28,160

kind that

378

00:13:33,269 --> 00:13:29,839

particle physicists don't like that's

379

00:13:36,069 --> 00:13:33,279

the low energy nuclear reactions

380

00:13:37,990 --> 00:13:36,079

anyway that was proven in 2019 and

381

00:13:41,269 --> 00:13:38,000

announced at

382

00:13:43,350 --> 00:13:41,279

bath university in england at our

383

00:13:45,110 --> 00:13:43,360

meeting there

384

00:13:46,870 --> 00:13:45,120

and that was done just a few weeks after

385

00:13:49,110 --> 00:13:46,880

we had confirmation

386

00:13:50,629 --> 00:13:49,120

from an independent laboratory that we

387

00:13:53,430 --> 00:13:50,639

had created a whole

388

00:13:55,590 --> 00:13:53,440

range of elements which weren't in the

389

00:13:57,509 --> 00:13:55,600

chamber before we do the before and

390

00:13:59,430 --> 00:13:57,519

after tests

391

00:14:02,470 --> 00:13:59,440

and also we have spectroscopes looking

392

00:14:05,269 --> 00:14:02,480

at what's going on in this bright plasma

393

00:14:06,230 --> 00:14:05,279

you know their shining star if you like

394

00:14:08,389 --> 00:14:06,240

and

395

00:14:10,389 --> 00:14:08,399

when we turned the power up to a certain

396

00:14:12,870 --> 00:14:10,399

level all of a sudden all of these new

397

00:14:14,790 --> 00:14:12,880

spectroscopic lines appeared

398

00:14:16,389 --> 00:14:14,800

which was indicative of the fact that we

399

00:14:18,710 --> 00:14:16,399

were actually converting

400

00:14:20,629 --> 00:14:18,720

one element into another and that's

401
00:14:22,389 --> 00:14:20,639
where the bulk of the energy from the

402
00:14:24,790 --> 00:14:22,399
sun comes from

403
00:14:26,949 --> 00:14:24,800
all stars and i mean this makes perfect

404
00:14:28,790 --> 00:14:26,959
sense all stars create the heavy

405
00:14:31,269 --> 00:14:28,800
elements required for life and

406
00:14:33,910 --> 00:14:31,279
everything we see

407
00:14:34,550 --> 00:14:33,920
it's not this crazy idea a supernova

408
00:14:37,829 --> 00:14:34,560
which

409
00:14:41,670 --> 00:14:37,839
according to standard theory is the only

410
00:14:43,030 --> 00:14:41,680
star event energetic enough to create

411
00:14:45,590 --> 00:14:43,040
the heavy elements

412
00:14:47,670 --> 00:14:45,600
it's just not so uh and then of course

413
00:14:49,350 --> 00:14:47,680

the supernova explodes and blows it all

414

00:14:49,829 --> 00:14:49,360

into deep space which is not where you

415

00:14:52,230 --> 00:14:49,839

want it

416

00:14:52,870 --> 00:14:52,240

if you wanted where the stars are and

417

00:14:56,870 --> 00:14:52,880

where life

418

00:14:59,590 --> 00:14:56,880

is right all right and that is crazy

419

00:15:01,430 --> 00:14:59,600

transmutation right under our nose huh

420

00:15:02,389 --> 00:15:01,440

transmutation right under our nose the

421

00:15:04,470 --> 00:15:02,399

old alchemist

422

00:15:06,230 --> 00:15:04,480

we're on to something we're only just

423

00:15:08,389 --> 00:15:06,240

beginning to discover

424

00:15:09,430 --> 00:15:08,399

wow that is amazing and you mentioned

425

00:15:12,230 --> 00:15:09,440

this

426
00:15:13,430 --> 00:15:12,240
energy company i was going to ask about

427
00:15:15,590 --> 00:15:13,440
that it seems like once you've

428
00:15:18,710 --> 00:15:15,600
established that this is kind of how

429
00:15:20,230 --> 00:15:18,720
stars are created or birthed then it

430
00:15:21,750 --> 00:15:20,240
seems like there would be a lot of

431
00:15:23,030 --> 00:15:21,760
energy implications there because it

432
00:15:26,389 --> 00:15:23,040
seems like a lot of power

433
00:15:29,910 --> 00:15:26,399
no oh yes yes and it's non-radioactive

434
00:15:32,949 --> 00:15:29,920
because nature when it produces

435
00:15:36,389 --> 00:15:32,959
new elements does so in a way which

436
00:15:38,150 --> 00:15:36,399
is unknown to quantum theory because

437
00:15:39,990 --> 00:15:38,160
quantum theory is not actually physics

438
00:15:42,069 --> 00:15:40,000

it's a mathematical

439

00:15:45,189 --> 00:15:42,079

description of what happens without any

440

00:15:47,269 --> 00:15:45,199

real understanding of what's going on

441

00:15:49,350 --> 00:15:47,279

this is one of the characteristics of

442

00:15:51,829 --> 00:15:49,360

modern science unfortunately the basics

443

00:15:54,870 --> 00:15:51,839

are missing

444

00:15:55,590 --> 00:15:54,880

and it's all down to what happened at

445

00:16:00,150 --> 00:15:55,600

the

446

00:16:02,790 --> 00:16:00,160

sort of harks back to

447

00:16:03,670 --> 00:16:02,800

what you've been talking about about the

448

00:16:10,629 --> 00:16:03,680

crisis

449

00:16:14,790 --> 00:16:10,639

which we go through repeatedly

450

00:16:17,910 --> 00:16:14,800

in our societies

451
00:16:20,310 --> 00:16:17,920
and that's obvious it is and

452
00:16:22,230 --> 00:16:20,320
one of my favorite ways to try to break

453
00:16:23,509 --> 00:16:22,240
through to people who might have a hard

454
00:16:25,749 --> 00:16:23,519
time with the idea that

455
00:16:27,430 --> 00:16:25,759
entire fields like conventional

456
00:16:29,990 --> 00:16:27,440
cosmology or

457
00:16:31,829 --> 00:16:30,000
physics could be wrong is to point out

458
00:16:33,670 --> 00:16:31,839
the history and i know that you're big

459
00:16:36,389 --> 00:16:33,680
on this too because i've heard you say

460
00:16:36,949 --> 00:16:36,399
in the 19th century the brightest minds

461
00:16:39,110 --> 00:16:36,959
were

462
00:16:40,790 --> 00:16:39,120
all about holistic models and had a real

463
00:16:41,910 --> 00:16:40,800

hunch about the important role of

464

00:16:44,389 --> 00:16:41,920

electricity

465

00:16:46,069 --> 00:16:44,399

but obviously something changed right

466

00:16:48,710 --> 00:16:46,079

what was that

467

00:16:49,350 --> 00:16:48,720

well at the beginning of the 20th

468

00:16:52,629 --> 00:16:49,360

century

469

00:16:56,069 --> 00:16:52,639

and the outbreak of insanity in the two

470

00:17:02,949 --> 00:16:59,910

the kind of experimental independent

471

00:17:05,110 --> 00:17:02,959

scientists that govern progress in the

472

00:17:06,069 --> 00:17:05,120

19th century disappeared and what we had

473

00:17:09,429 --> 00:17:06,079

was

474

00:17:10,789 --> 00:17:09,439

whole teams of budding scientists were

475

00:17:13,429 --> 00:17:10,799

recruited to

476
00:17:13,990 --> 00:17:13,439
shut up and calculate you know in other

477
00:17:15,590 --> 00:17:14,000
words

478
00:17:18,549 --> 00:17:15,600
don't worry about the physics as long as

479
00:17:21,750 --> 00:17:18,559
the mathematics allows us to build these

480
00:17:23,990 --> 00:17:21,760
weapons of war and other things just go

481
00:17:27,029 --> 00:17:24,000
ahead and do it

482
00:17:29,190 --> 00:17:27,039
then the second world war more money was

483
00:17:31,190 --> 00:17:29,200
funneled from government into research

484
00:17:33,909 --> 00:17:31,200
and we set up institutions

485
00:17:35,029 --> 00:17:33,919
and effectively what we were doing was

486
00:17:38,390 --> 00:17:35,039
industrializing

487
00:17:39,510 --> 00:17:38,400
science but industry can work with

488
00:17:40,950 --> 00:17:39,520

whatever they discover

489

00:17:43,029 --> 00:17:40,960

works in a laboratory without

490

00:17:45,990 --> 00:17:43,039

necessarily understanding it

491

00:17:46,310 --> 00:17:46,000

and in particular in not understanding

492

00:17:53,510 --> 00:17:46,320

the

493

00:17:54,470 --> 00:17:53,520

and this has had all sorts of ill

494

00:17:57,830 --> 00:17:54,480

effects for

495

00:18:00,789 --> 00:17:57,840

humanity in the 20th century and it's

496

00:18:04,070 --> 00:18:00,799

got worse than the 21st century

497

00:18:06,950 --> 00:18:04,080

and of course after the second world war

498

00:18:07,669 --> 00:18:06,960

and the introduction of computers the

499

00:18:12,870 --> 00:18:07,679

divorce

500

00:18:14,710 --> 00:18:12,880

of science from the experimental

501
00:18:16,230 --> 00:18:14,720
scientists a lot of the experimental

502
00:18:18,630 --> 00:18:16,240
scientists in the 19th century's

503
00:18:19,990 --> 00:18:18,640
were excellent engineers too they built

504
00:18:23,830 --> 00:18:20,000
exquisite

505
00:18:26,390 --> 00:18:23,840
instruments and so on to measure things

506
00:18:28,070 --> 00:18:26,400
of course technology has improved the

507
00:18:31,430 --> 00:18:28,080
instrumentation but the

508
00:18:34,549 --> 00:18:31,440
science behind it is just lacking

509
00:18:35,270 --> 00:18:34,559
so we spend millions and billions of

510
00:18:38,870 --> 00:18:35,280
dollars

511
00:18:40,549 --> 00:18:38,880
on gigantic experiments which can't be

512
00:18:42,789 --> 00:18:40,559
repeated by anyone else because no one

513
00:18:45,669 --> 00:18:42,799

else can afford to do it

514

00:18:46,390 --> 00:18:45,679

therefore the things that come out of it

515

00:18:48,390 --> 00:18:46,400

generally

516

00:18:50,870 --> 00:18:48,400

what's expected because you've spent so

517

00:18:53,990 --> 00:18:50,880

much money you've got to have a result

518

00:18:56,789 --> 00:18:54,000

and so there's kind of self-fulfilling

519

00:18:58,230 --> 00:18:56,799

so we've got gravity wave telescopes and

520

00:19:01,350 --> 00:18:58,240

gravity wave

521

00:19:03,029 --> 00:19:01,360

measurements and yet no one in physics

522

00:19:05,590 --> 00:19:03,039

understands gravity

523

00:19:06,950 --> 00:19:05,600

we've got equations you know newton had

524

00:19:07,590 --> 00:19:06,960

the sense to say that he didn't

525

00:19:09,190 --> 00:19:07,600

understand

526

00:19:11,909 --> 00:19:09,200

gravity but here's an equation that

527

00:19:13,430 --> 00:19:11,919

works in the solar system

528

00:19:14,870 --> 00:19:13,440

and the fact that it didn't work once

529

00:19:15,990 --> 00:19:14,880

they applied it to galaxy should have

530

00:19:18,390 --> 00:19:16,000

been a signal that

531

00:19:21,110 --> 00:19:18,400

there was more to learn but instead of

532

00:19:24,230 --> 00:19:21,120

that they invented dark matter and

533

00:19:26,070 --> 00:19:24,240

all this dark stuff which you know

534

00:19:27,830 --> 00:19:26,080

they're spending now

535

00:19:29,270 --> 00:19:27,840

millions and billions of dollars trying

536

00:19:31,110 --> 00:19:29,280

to just uh

537

00:19:33,669 --> 00:19:31,120

find this dark matter that's needed to

538

00:19:35,990 --> 00:19:33,679

save their gravitational theories

539

00:19:38,470 --> 00:19:36,000

instead of considering the fact that

540

00:19:42,390 --> 00:19:38,480

first you need to understand gravity

541

00:19:44,630 --> 00:19:42,400

and then then you can talk about

542

00:19:46,950 --> 00:19:44,640

getting money for these kinds of

543

00:19:50,070 --> 00:19:46,960

experiments

544

00:19:51,510 --> 00:19:50,080

so fortunately i was inoculated against

545

00:19:54,549 --> 00:19:51,520

all of this stuff

546

00:19:57,669 --> 00:19:54,559

very early in my schooling

547

00:19:59,029 --> 00:19:57,679

and i kept asking awkward questions

548

00:20:01,029 --> 00:19:59,039

which meant that i was not fit for

549

00:20:04,149 --> 00:20:01,039

academia they don't like people who

550

00:20:06,710 --> 00:20:04,159

ask awkward questions but

551
00:20:08,310 --> 00:20:06,720
all the same the thing that i found most

552
00:20:11,270 --> 00:20:08,320
difficult in all this

553
00:20:11,669 --> 00:20:11,280
over the decades that i've been doing it

554
00:20:14,789 --> 00:20:11,679
is

555
00:20:16,390 --> 00:20:14,799
to drop old certainties things that

556
00:20:18,149 --> 00:20:16,400
you've been taught that everyone else

557
00:20:21,430 --> 00:20:18,159
believes

558
00:20:25,350 --> 00:20:21,440
and that you find problems with and then

559
00:20:27,990 --> 00:20:25,360
finally have to make the decision okay

560
00:20:28,950 --> 00:20:28,000
i just have to give up on this i have to

561
00:20:32,310 --> 00:20:28,960
follow

562
00:20:34,070 --> 00:20:32,320
where the evidence is leading me and

563
00:20:36,390 --> 00:20:34,080

i've got better at that i think over the

564

00:20:38,549 --> 00:20:36,400

years to the point now where

565

00:20:40,549 --> 00:20:38,559

i believe that my model of gravity

566

00:20:41,990 --> 00:20:40,559

satisfies all of the tests that i can

567

00:20:44,549 --> 00:20:42,000

think of

568

00:20:47,029 --> 00:20:44,559

and that it explains all sorts of things

569

00:20:48,950 --> 00:20:47,039

which are mysteries at present

570

00:20:51,510 --> 00:20:48,960

yes that's one of my favorite things

571

00:20:54,390 --> 00:20:51,520

about your work is just all the

572

00:20:55,270 --> 00:20:54,400

little details that can be explained and

573

00:20:56,789 --> 00:20:55,280

sometimes are

574

00:20:58,149 --> 00:20:56,799

like things you never thought of before

575

00:20:59,510 --> 00:20:58,159

or couldn't work out and then you're

576

00:21:01,830 --> 00:20:59,520

like wow that's actually quite

577

00:21:03,590 --> 00:21:01,840

simple and pretty elegant yeah and

578

00:21:07,510 --> 00:21:03,600

another thing i've heard you say

579

00:21:09,990 --> 00:21:07,520

that i liked was that classical physics

580

00:21:11,750 --> 00:21:10,000

wants to simplify stuff because when

581

00:21:13,909 --> 00:21:11,760

it's made overly complex

582

00:21:16,230 --> 00:21:13,919

that is what pretty much establishes a

583

00:21:18,230 --> 00:21:16,240

scientific priesthood over the field

584

00:21:20,230 --> 00:21:18,240

and that sounds uh like a pretty

585

00:21:22,789 --> 00:21:20,240

familiar paradigm today

586

00:21:24,630 --> 00:21:22,799

yes that's right you've set up this help

587

00:21:28,549 --> 00:21:24,640

knapp who was a leading astronomer

588

00:21:31,750 --> 00:21:28,559

said that the science today has

589

00:21:33,990 --> 00:21:31,760

the hallmarks of a religion and none of

590

00:21:37,909 --> 00:21:34,000

its benefits

591

00:21:39,029 --> 00:21:37,919

absolutely so on your linkedin profile

592

00:21:41,190 --> 00:21:39,039

you say

593

00:21:43,110 --> 00:21:41,200

why have these discoveries been ignored

594

00:21:45,750 --> 00:21:43,120

the answer may be found in

595

00:21:48,310 --> 00:21:45,760

the inertia of prior beliefs and the

596

00:21:51,190 --> 00:21:48,320

failure of our educational institutions

597

00:21:53,350 --> 00:21:51,200

and that certainly seems like part of it

598

00:21:55,350 --> 00:21:53,360

maybe i give academia too much credit

599

00:21:55,669 --> 00:21:55,360

but i find it hard to believe that it's

600

00:21:58,390 --> 00:21:55,679

all

601
00:21:59,029 --> 00:21:58,400
ego and stubbornness and left brain

602
00:22:01,750 --> 00:21:59,039
thinking

603
00:22:03,430 --> 00:22:01,760
it seems like there is some intentional

604
00:22:04,710 --> 00:22:03,440
misdirection there

605
00:22:06,390 --> 00:22:04,720
i mean don't step out of this

606
00:22:06,870 --> 00:22:06,400
conventional box or your career is

607
00:22:09,590 --> 00:22:06,880
ruined

608
00:22:10,230 --> 00:22:09,600
as you know are these people really just

609
00:22:13,510 --> 00:22:10,240
that close

610
00:22:15,190 --> 00:22:13,520
minded or did our conventional sciences

611
00:22:17,350 --> 00:22:15,200
get where they are because there's

612
00:22:19,669 --> 00:22:17,360
something they don't want us to stumble

613
00:22:21,110 --> 00:22:19,679

upon whether it's energy implications or

614

00:22:23,669 --> 00:22:21,120

the story of our past

615

00:22:25,350 --> 00:22:23,679

i get the vibe there's some kind of

616

00:22:27,430 --> 00:22:25,360

secret that they don't want to get

617

00:22:30,470 --> 00:22:27,440

mainstreamed maybe several of them

618

00:22:32,549 --> 00:22:30,480

am i being paranoid what do you think i

619

00:22:36,390 --> 00:22:32,559

don't think it's intentional

620

00:22:39,990 --> 00:22:36,400

our education system actually trains

621

00:22:43,190 --> 00:22:40,000

students to be blind to alternatives

622

00:22:46,390 --> 00:22:43,200

this was shown by that fellow in

623

00:22:49,590 --> 00:22:46,400

england dr ian mcgillcrest

624

00:22:52,710 --> 00:22:49,600

that has the celtic spelling i-a-i-n

625

00:22:53,190 --> 00:22:52,720

for ian but he's a bit of a celebrity in

626

00:22:56,230 --> 00:22:53,200

a way

627

00:22:58,950 --> 00:22:56,240

because he did a meta analysis of all

628

00:23:02,230 --> 00:22:58,960

the studies on how the brain functions

629

00:23:04,470 --> 00:23:02,240

and came to the conclusion that the two

630

00:23:06,230 --> 00:23:04,480

hemispheres are there

631

00:23:07,830 --> 00:23:06,240

you know the brain is divided for a

632

00:23:08,549 --> 00:23:07,840

reason he said nature never does

633

00:23:11,669 --> 00:23:08,559

anything for

634

00:23:13,590 --> 00:23:11,679

no reason and he said the two halves of

635

00:23:15,909 --> 00:23:13,600

the brain are connected by the corpus

636

00:23:18,630 --> 00:23:15,919

callosum as it's called

637

00:23:19,990 --> 00:23:18,640

and it appears that the corpus callosum

638

00:23:23,430 --> 00:23:20,000

operates to

639

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

suppress one or the other hemisphere

640

00:23:27,510 --> 00:23:25,840

you know one hemisphere dominates in

641

00:23:29,590 --> 00:23:27,520

certain tasks and the other hemisphere

642

00:23:31,110 --> 00:23:29,600

dominates in others

643

00:23:32,710 --> 00:23:31,120

and he pointed out that the left

644

00:23:36,070 --> 00:23:32,720

hemisphere in

645

00:23:38,870 --> 00:23:36,080

animals and in humans it appears

646

00:23:40,149 --> 00:23:38,880

is focused on survival so the things you

647

00:23:43,430 --> 00:23:40,159

need to do to survive

648

00:23:46,470 --> 00:23:43,440

like where to find food and how to

649

00:23:47,510 --> 00:23:46,480

how to eat it you know just basic things

650

00:23:49,590 --> 00:23:47,520

like that

651
00:23:50,710 --> 00:23:49,600
the right hemisphere is the hemisphere

652
00:23:52,870 --> 00:23:50,720
which has a more

653
00:23:53,909 --> 00:23:52,880
global perspective and is on the lookout

654
00:23:57,110 --> 00:23:53,919
for

655
00:23:58,710 --> 00:23:57,120
danger you know you may be

656
00:24:01,269 --> 00:23:58,720
busily eating lunch but you don't want

657
00:24:03,590 --> 00:24:01,279
to be someone else's lunch

658
00:24:05,350 --> 00:24:03,600
that was the way he put it but he points

659
00:24:08,149 --> 00:24:05,360
out that our education systems

660
00:24:10,070 --> 00:24:08,159
feed the left hemisphere which is the

661
00:24:11,669 --> 00:24:10,080
automatic one

662
00:24:13,590 --> 00:24:11,679
whereas it's the right hemisphere that

663
00:24:17,430 --> 00:24:13,600

has the more global view

664

00:24:19,669 --> 00:24:17,440

so this our training as you know is to

665

00:24:21,190 --> 00:24:19,679

produce people who are specialized in

666

00:24:23,029 --> 00:24:21,200

different fields and this idea of

667

00:24:26,149 --> 00:24:23,039

specialism

668

00:24:28,549 --> 00:24:26,159

is the thing that fails us

669

00:24:30,230 --> 00:24:28,559

when it comes to doing science because

670

00:24:31,590 --> 00:24:30,240

the scientists of old were trained

671

00:24:33,909 --> 00:24:31,600

classically they knew

672

00:24:35,430 --> 00:24:33,919

ancient history they knew languages they

673

00:24:36,549 --> 00:24:35,440

knew all sorts of stuff

674

00:24:39,430 --> 00:24:36,559

because that was the way they were

675

00:24:41,430 --> 00:24:39,440

trained and so when they

676
00:24:43,190 --> 00:24:41,440
were dealing with a physics question

677
00:24:45,590 --> 00:24:43,200
like newton he was also

678
00:24:46,870 --> 00:24:45,600
considering what are the implications

679
00:24:49,350 --> 00:24:46,880
for

680
00:24:50,950 --> 00:24:49,360
biblical narrative and stuff like that

681
00:24:52,549 --> 00:24:50,960
and this is where velikovsky came from

682
00:24:54,789 --> 00:24:52,559
because he was looking at

683
00:24:55,990 --> 00:24:54,799
the narratives of the creation stories

684
00:24:57,990 --> 00:24:56,000
from around the world

685
00:24:59,590 --> 00:24:58,000
didn't matter whether it's primitive

686
00:25:03,590 --> 00:24:59,600
creation stories or

687
00:25:06,470 --> 00:25:03,600
those in the various major religions

688
00:25:08,149 --> 00:25:06,480

and he said there are characteristic

689

00:25:09,750 --> 00:25:08,159

features in them which

690

00:25:11,430 --> 00:25:09,760

you can see are identical and this is

691

00:25:14,230 --> 00:25:11,440

what dave talbot used

692

00:25:16,230 --> 00:25:14,240

as the basis of his research and the

693

00:25:18,630 --> 00:25:16,240

surprising thing is that

694

00:25:20,470 --> 00:25:18,640

when you've accepted that as your

695

00:25:22,950 --> 00:25:20,480

working premise

696

00:25:24,470 --> 00:25:22,960

you are able to understand that the

697

00:25:27,029 --> 00:25:24,480

planets had

698

00:25:28,149 --> 00:25:27,039

characteristics which were associated

699

00:25:29,830 --> 00:25:28,159

with them

700

00:25:31,909 --> 00:25:29,840

that were identical didn't matter what

701

00:25:34,789 --> 00:25:31,919

creation story whether it was from

702

00:25:35,269 --> 00:25:34,799

you know islanders in the south pacific

703

00:25:39,190 --> 00:25:35,279

or

704

00:25:40,870 --> 00:25:39,200

africa

705

00:25:42,710 --> 00:25:40,880

they all had the same characteristics

706

00:25:45,990 --> 00:25:42,720

you know mars was always the hero

707

00:25:49,510 --> 00:25:46,000

he was red he was had a sword

708

00:25:51,269 --> 00:25:49,520

and then you had venus who was always

709

00:25:54,870 --> 00:25:51,279

female the goddess

710

00:25:57,029 --> 00:25:54,880

long flowing hair and also was the

711

00:25:59,669 --> 00:25:57,039

archetype of the medusa and the gorgon

712

00:26:03,510 --> 00:25:59,679

you know the head of snakes

713

00:26:05,269 --> 00:26:03,520

what was it about these planets then

714

00:26:06,789 --> 00:26:05,279

that was frightening the daylights out

715

00:26:10,230 --> 00:26:06,799

of our

716

00:26:11,909 --> 00:26:10,240

forgotten ancestors and he was able to

717

00:26:15,029 --> 00:26:11,919

identify the fact that venus

718

00:26:16,390 --> 00:26:15,039

was the archetypal comet it must have

719

00:26:18,870 --> 00:26:16,400

been the most spectacular thing

720

00:26:21,350 --> 00:26:18,880

imaginable in the sky

721

00:26:23,350 --> 00:26:21,360

if you can imagine a comet with the head

722

00:26:26,390 --> 00:26:23,360

the size of a planet

723

00:26:29,590 --> 00:26:26,400

and it was seen in relative close-up and

724

00:26:30,950 --> 00:26:29,600

it was a danger at various times in past

725

00:26:33,350 --> 00:26:30,960

history

726

00:26:34,710 --> 00:26:33,360

which of course flew in the face of the

727

00:26:38,549 --> 00:26:34,720

belief in the

728

00:26:40,710 --> 00:26:38,559

newtonian clockwork solar system

729

00:26:42,870 --> 00:26:40,720

and this path of venus the state that

730

00:26:44,630 --> 00:26:42,880

venus was in i've heard you say this is

731

00:26:46,789 --> 00:26:44,640

what you think is responsible for the

732

00:26:49,029 --> 00:26:46,799

oroboros symbolism

733

00:26:51,110 --> 00:26:49,039

yes that's right the birth of venus was

734

00:26:53,909 --> 00:26:51,120

witnessed it seems by the ancients and

735

00:26:55,510 --> 00:26:53,919

they described it and it makes sense

736

00:26:57,029 --> 00:26:55,520

once you understand the electrical

737

00:26:59,590 --> 00:26:57,039

nature of stars

738

00:27:01,430 --> 00:26:59,600

and the birth of planets and stars which

739

00:27:02,950 --> 00:27:01,440

is an electromagnetic phenomenon that's

740

00:27:06,070 --> 00:27:02,960

not gravitational

741

00:27:09,430 --> 00:27:06,080

all of these things make sense once you

742

00:27:12,630 --> 00:27:09,440

actually pay attention to the history

743

00:27:13,510 --> 00:27:12,640

and in 2000 we had an amazing meeting in

744

00:27:16,549 --> 00:27:13,520

portland

745

00:27:18,710 --> 00:27:16,559

oregon following our conference

746

00:27:21,669 --> 00:27:18,720

where we had halton art the astronomer

747

00:27:25,190 --> 00:27:21,679

we had tom van flanden the

748

00:27:28,950 --> 00:27:25,200

astronomical guy as well who was

749

00:27:32,389 --> 00:27:28,960

looking at solar system dynamics

750

00:27:35,029 --> 00:27:32,399

and we had anthony perratt

751
00:27:36,389 --> 00:27:35,039
from los alamos labs who was involved in

752
00:27:37,590 --> 00:27:36,399
the highest energy electrical

753
00:27:41,430 --> 00:27:37,600
experiments

754
00:27:45,110 --> 00:27:41,440
on earth at the z pinch facility

755
00:27:46,950 --> 00:27:45,120
and at the end of it we had a meeting

756
00:27:47,990 --> 00:27:46,960
just with all of the presenters and the

757
00:27:50,950 --> 00:27:48,000
people who organized

758
00:27:52,070 --> 00:27:50,960
the conference dave talbot myself dwari

759
00:27:55,350 --> 00:27:52,080
cardona the other

760
00:27:58,389 --> 00:27:55,360
mytho historian f cochran and

761
00:27:59,430 --> 00:27:58,399
he's another one of the group and you

762
00:28:02,870 --> 00:27:59,440
can see that it's an

763
00:28:06,630 --> 00:28:02,880

entirely multi-disciplinary group we had

764

00:28:09,029 --> 00:28:06,640

engineers we had ancient scholars

765

00:28:10,230 --> 00:28:09,039

a language specialist ancient language

766

00:28:13,750 --> 00:28:10,240

specialist

767

00:28:17,190 --> 00:28:13,760

and so on in that group and

768

00:28:19,909 --> 00:28:17,200

tony peratt said that he

769

00:28:22,389 --> 00:28:19,919

never imagined that when he went hunting

770

00:28:23,029 --> 00:28:22,399

in the desert near los alamos and he saw

771

00:28:26,470 --> 00:28:23,039

the

772

00:28:27,190 --> 00:28:26,480

indian petroglyphs that what he was

773

00:28:29,430 --> 00:28:27,200

looking at

774

00:28:30,870 --> 00:28:29,440

was mimicking the things he was seeing

775

00:28:32,230 --> 00:28:30,880

in these high energy electrical

776

00:28:34,389 --> 00:28:32,240

experiments

777

00:28:35,909 --> 00:28:34,399

where they funnel more energy than all

778

00:28:39,110 --> 00:28:35,919

the power stations on earth into

779

00:28:41,269 --> 00:28:39,120

something the size of a baked bean tin

780

00:28:43,110 --> 00:28:41,279

and it cost them about 100 000 us to

781

00:28:46,710 --> 00:28:43,120

rebuild the facility when they

782

00:28:48,310 --> 00:28:46,720

do the next experiment wow so this was a

783

00:28:51,909 --> 00:28:48,320

convergence of the best

784

00:28:54,710 --> 00:28:51,919

of modern science with the studies

785

00:28:57,350 --> 00:28:54,720

of the most ancient records known to man

786

00:29:00,710 --> 00:28:57,360

of what they saw in the sky

787

00:29:03,510 --> 00:29:00,720

and tony actually went and said you know

788

00:29:04,310 --> 00:29:03,520

this changes everything and so he

789

00:29:06,549 --> 00:29:04,320

organized

790

00:29:07,990 --> 00:29:06,559

people around the world to photograph

791

00:29:09,669 --> 00:29:08,000

the petroglyphs because they are

792

00:29:12,470 --> 00:29:09,679

worldwide

793

00:29:14,149 --> 00:29:12,480

and to also register their position with

794

00:29:17,350 --> 00:29:14,159

the gps

795

00:29:19,830 --> 00:29:17,360

and to their

796

00:29:20,789 --> 00:29:19,840

relationship where the south pole the

797

00:29:23,830 --> 00:29:20,799

north pole

798

00:29:25,909 --> 00:29:23,840

was in relation to these petroglyphs

799

00:29:27,190 --> 00:29:25,919

and he was able to show that it was a

800

00:29:30,310 --> 00:29:27,200

polar

801
00:29:32,549 --> 00:29:30,320
phenomenon that they were looking at

802
00:29:34,389 --> 00:29:32,559
and that it followed the natural

803
00:29:36,549 --> 00:29:34,399
progression of what's called

804
00:29:38,310 --> 00:29:36,559
plasma instabilities because plasma's

805
00:29:40,230 --> 00:29:38,320
high-energy plasmas

806
00:29:42,149 --> 00:29:40,240
take on all sorts of interesting shapes

807
00:29:43,590 --> 00:29:42,159
and they're quite characteristic

808
00:29:44,950 --> 00:29:43,600
and he was able to show there's a

809
00:29:46,470 --> 00:29:44,960
progression of shapes in these

810
00:29:46,789 --> 00:29:46,480
petroglyphs so these things that look

811
00:29:49,110 --> 00:29:46,799
like

812
00:29:50,230 --> 00:29:49,120
weird stick figures with duct heads and

813
00:29:52,630 --> 00:29:50,240

whatnot

814

00:29:53,669 --> 00:29:52,640

that appear to be just doodles on the

815

00:29:57,269 --> 00:29:53,679

rocks

816

00:30:00,230 --> 00:29:57,279

were actually very hard work to

817

00:30:01,830 --> 00:30:00,240

do because tony actually attempted to do

818

00:30:04,470 --> 00:30:01,840

one himself on one of the rocks and he

819

00:30:06,149 --> 00:30:04,480

said boy you wouldn't do this for fun

820

00:30:08,630 --> 00:30:06,159

so what they were doing they felt was

821

00:30:11,909 --> 00:30:08,640

critical to pass on

822

00:30:13,510 --> 00:30:11,919

to future generations as a warning

823

00:30:15,269 --> 00:30:13,520

and here they are dotted all around the

824

00:30:17,350 --> 00:30:15,279

world chiseled in rocks

825

00:30:19,430 --> 00:30:17,360

the australians aborigines who have a

826

00:30:21,909 --> 00:30:19,440

very ancient history

827

00:30:22,950 --> 00:30:21,919

have their lightning brothers in their

828

00:30:24,950 --> 00:30:22,960

rock art

829

00:30:27,350 --> 00:30:24,960

and up in the kimberleys they have these

830

00:30:29,190 --> 00:30:27,360

wanjina figures they're called

831

00:30:30,710 --> 00:30:29,200

and they describe them and they say the

832

00:30:33,909 --> 00:30:30,720

headdress is lightning

833

00:30:36,389 --> 00:30:33,919

it radiates all around the head and the

834

00:30:38,549 --> 00:30:36,399

nose is not a nose

835

00:30:39,990 --> 00:30:38,559

it is the power flowing down and when

836

00:30:42,310 --> 00:30:40,000

you look at it sometimes it's

837

00:30:44,789 --> 00:30:42,320

shown as a hollow column and that's a

838

00:30:48,230 --> 00:30:44,799

plasma formation

839

00:30:50,310 --> 00:30:48,240

so tony actually is then able to go on

840

00:30:54,230 --> 00:30:50,320

and show that one of the patterns

841

00:30:56,310 --> 00:30:54,240

is one of 56 dots in a circle

842

00:30:57,350 --> 00:30:56,320

around a radiating pattern and he found

843

00:30:59,430 --> 00:30:57,360

them in

844

00:31:01,029 --> 00:30:59,440

the north american indians had them and

845

00:31:04,389 --> 00:31:01,039

there was an example in

846

00:31:07,029 --> 00:31:04,399

australia from the australian aborigines

847

00:31:07,669 --> 00:31:07,039

exactly the same pattern and he overlaid

848

00:31:09,350 --> 00:31:07,679

the two

849

00:31:11,029 --> 00:31:09,360

and he said when you rotate them to

850

00:31:14,310 --> 00:31:11,039

account for their difference in latitude

851

00:31:19,509 --> 00:31:17,350

so evidence like this shows that the

852

00:31:20,950 --> 00:31:19,519

story of the earth and humanity is far

853

00:31:22,630 --> 00:31:20,960

different to anything we've been taught

854

00:31:23,110 --> 00:31:22,640

it is far more dramatic it would make

855

00:31:26,149 --> 00:31:23,120

the most

856

00:31:27,509 --> 00:31:26,159

incredible imax movie you could ever

857

00:31:29,669 --> 00:31:27,519

imagine

858

00:31:31,590 --> 00:31:29,679

and you know the possibility is there to

859

00:31:35,190 --> 00:31:31,600

actually do it now because the

860

00:31:38,389 --> 00:31:35,200

specificity of the reconstruction by

861

00:31:41,590 --> 00:31:38,399

david tellwork and dwary cardona

862

00:31:44,470 --> 00:31:41,600

is sufficient to be able to do that yes

863

00:31:47,029 --> 00:31:44,480

man so many questions and i'm very

864

00:31:49,430 --> 00:31:47,039

familiar with what the electric universe

865

00:31:50,230 --> 00:31:49,440

model says about our solar system's

866

00:31:52,470 --> 00:31:50,240

history

867

00:31:53,350 --> 00:31:52,480

and how everything got to where it is

868

00:31:55,110 --> 00:31:53,360

now but

869

00:31:57,029 --> 00:31:55,120

you mentioned that when you look at

870

00:31:58,870 --> 00:31:57,039

these petroglyphs and their orientation

871

00:32:00,549 --> 00:31:58,880

it seems like we're dealing with a polar

872

00:32:02,149 --> 00:32:00,559

phenomenon and

873

00:32:03,990 --> 00:32:02,159

something that i've been reading about

874

00:32:06,950 --> 00:32:04,000

lately is this idea

875

00:32:07,669 --> 00:32:06,960

of what they call an electromagnetic

876

00:32:10,470 --> 00:32:07,679

plasma

877

00:32:12,230 --> 00:32:10,480

changeover event oftentimes it's tied up

878

00:32:14,710 --> 00:32:12,240

with the idea of a pole shift

879

00:32:16,870 --> 00:32:14,720

but it can get a lot stranger with talk

880

00:32:19,110 --> 00:32:16,880

about a plasma vortex

881

00:32:21,350 --> 00:32:19,120

opening up over the north pole that this

882

00:32:22,470 --> 00:32:21,360

is what ascension and heaven stories are

883

00:32:25,029 --> 00:32:22,480

really alluding to

884

00:32:26,870 --> 00:32:25,039

so they say if government scientists

885

00:32:29,350 --> 00:32:26,880

discovered this type of event

886

00:32:30,870 --> 00:32:29,360

was possible or that it was cyclical i

887

00:32:32,230 --> 00:32:30,880

could see why they'd suppress anything

888

00:32:35,310 --> 00:32:32,240

that relates to it but

889

00:32:36,470 --> 00:32:35,320

what are your thoughts on the idea of an

890

00:32:38,950 --> 00:32:36,480

electromagnetic

891

00:32:39,830 --> 00:32:38,960

plasma changeover event is that a term

892

00:32:42,149 --> 00:32:39,840

you've heard

893

00:32:42,950 --> 00:32:42,159

is there some kind of global catastrophe

894

00:32:45,509 --> 00:32:42,960

that could be

895

00:32:46,870 --> 00:32:45,519

possible with this plasma cosmology

896

00:32:47,509 --> 00:32:46,880

understanding that would never be

897

00:32:49,190 --> 00:32:47,519

entertained

898

00:32:50,630 --> 00:32:49,200

in a conventional model that kind of

899

00:32:53,509 --> 00:32:50,640

stuff oh yes

900

00:32:55,590 --> 00:32:53,519

yes absolutely in fact the magnetic

901
00:32:58,389 --> 00:32:55,600
field of stars and planets is not

902
00:32:59,830 --> 00:32:58,399
explained at all it's pushed off to some

903
00:33:03,029 --> 00:32:59,840
hypothetical activity

904
00:33:04,950 --> 00:33:03,039
inside the body we can't actually see it

905
00:33:07,190 --> 00:33:04,960
and this is typical of a lot of the

906
00:33:08,070 --> 00:33:07,200
theories like for instance the nuclear

907
00:33:09,750 --> 00:33:08,080
power of the sun

908
00:33:11,110 --> 00:33:09,760
well it's hidden from view if it's in

909
00:33:12,630 --> 00:33:11,120
the center of the sun

910
00:33:14,389 --> 00:33:12,640
we're saying no it's right in front of

911
00:33:18,070 --> 00:33:14,399
your eyes if you've got the sense

912
00:33:21,590 --> 00:33:18,080
to see it and with the

913
00:33:23,750 --> 00:33:21,600

magnetic field of bodies if you've been

914

00:33:26,230 --> 00:33:23,760

keeping up with my presentations on

915

00:33:29,269 --> 00:33:26,240

gravity all know that

916

00:33:32,470 --> 00:33:29,279

the magnetic and gravitational force

917

00:33:35,509 --> 00:33:32,480

both electric forces

918

00:33:37,350 --> 00:33:35,519

dipole forces and therefore it changes

919

00:33:37,590 --> 00:33:37,360

everything about the internal structure

920

00:33:41,269 --> 00:33:37,600

of

921

00:33:44,549 --> 00:33:41,279

a body and it also means that

922

00:33:47,750 --> 00:33:44,559

each planetary body appears

923

00:33:48,389 --> 00:33:47,760

as a spherical electr as it's called an

924

00:33:51,669 --> 00:33:48,399

electrode

925

00:33:53,509 --> 00:33:51,679

is an object which maintains a static

926
00:34:00,950 --> 00:33:53,519
charge

927
00:34:03,190 --> 00:34:00,960
and you get a magnetic field a dipole

928
00:34:06,710 --> 00:34:03,200
field

929
00:34:10,710 --> 00:34:06,720
now of course this did occur to

930
00:34:12,310 --> 00:34:10,720
geophysicists many years ago

931
00:34:14,149 --> 00:34:12,320
and there was some discussion about it

932
00:34:15,589 --> 00:34:14,159
but they calculated that the voltage on

933
00:34:17,750 --> 00:34:15,599
the earth required to produce the

934
00:34:19,669 --> 00:34:17,760
earth's magnetic field would be

935
00:34:21,669 --> 00:34:19,679
millions of volts and therefore it

936
00:34:23,589 --> 00:34:21,679
wouldn't work but

937
00:34:25,349 --> 00:34:23,599
they were suffering the same problem as

938
00:34:28,470 --> 00:34:25,359

the astrophysicists

939

00:34:31,190 --> 00:34:28,480

in treating things electrostatically

940

00:34:33,349 --> 00:34:31,200

but we live in a plasma universe in a

941

00:34:36,710 --> 00:34:33,359

plasma universe

942

00:34:38,550 --> 00:34:36,720

the plasma isolates charged bodies

943

00:34:40,869 --> 00:34:38,560

electrically by forming double layers

944

00:34:44,310 --> 00:34:40,879

around it or plasma sheaths

945

00:34:46,629 --> 00:34:44,320

as they're called and this sort of

946

00:34:48,149 --> 00:34:46,639

idea is not entertained at all in

947

00:34:49,349 --> 00:34:48,159

astrophysics they don't talk about

948

00:34:53,829 --> 00:34:49,359

electricity in

949

00:34:56,389 --> 00:34:53,839

space and yet the electric universe says

950

00:34:57,910 --> 00:34:56,399

you're missing the most important aspect

951
00:35:00,790 --> 00:34:57,920
both of space

952
00:35:01,750 --> 00:35:00,800
and for particle physicists it's also

953
00:35:04,950 --> 00:35:01,760
the most important

954
00:35:06,950 --> 00:35:04,960
aspect of mata but

955
00:35:10,150 --> 00:35:06,960
it's not actually used in a way that

956
00:35:13,910 --> 00:35:10,160
makes any sense by either of them

957
00:35:17,270 --> 00:35:13,920
anyway yes i can explain switching the

958
00:35:20,470 --> 00:35:17,280
magnetic orientation of the earth

959
00:35:23,510 --> 00:35:20,480
its magnetic field at the same time

960
00:35:24,230 --> 00:35:23,520
don scott's model professor don scott

961
00:35:26,310 --> 00:35:24,240
who

962
00:35:27,430 --> 00:35:26,320
produced the transistor model of the

963
00:35:29,510 --> 00:35:27,440

photosphere

964

00:35:31,270 --> 00:35:29,520

also pointed out that the switching

965

00:35:34,310 --> 00:35:31,280

magnetic field of the sun

966

00:35:36,470 --> 00:35:34,320

is easily explained using electrical

967

00:35:38,710 --> 00:35:36,480

engineering principles

968

00:35:40,310 --> 00:35:38,720

in my opinion i've stated this several

969

00:35:42,230 --> 00:35:40,320

times over the years

970

00:35:44,150 --> 00:35:42,240

electrical engineers should take over

971

00:35:45,349 --> 00:35:44,160

cosmology because it is an electric

972

00:35:47,910 --> 00:35:45,359

universe

973

00:35:49,510 --> 00:35:47,920

and electrical engineers know that

974

00:35:51,430 --> 00:35:49,520

whenever they propose something they

975

00:35:52,630 --> 00:35:51,440

have to figure out how is it going to

976
00:35:54,870 --> 00:35:52,640
work

977
00:35:55,670 --> 00:35:54,880
whereas physicists seem to be quite

978
00:35:59,589 --> 00:35:55,680
happy to

979
00:36:01,670 --> 00:35:59,599
just propose randomly particles and

980
00:36:02,710 --> 00:36:01,680
new particles and new energies and all

981
00:36:04,310 --> 00:36:02,720
sort of thing

982
00:36:06,310 --> 00:36:04,320
on the basis that maybe they'll get a

983
00:36:08,710 --> 00:36:06,320
nobel prize for it

984
00:36:09,750 --> 00:36:08,720
right and we did talk about the

985
00:36:12,390 --> 00:36:09,760
composition

986
00:36:13,510 --> 00:36:12,400
of bodies a little bit last time and you

987
00:36:16,550 --> 00:36:13,520
did mention the

988
00:36:18,630 --> 00:36:16,560

dipole nature of them and

989

00:36:20,630 --> 00:36:18,640

i am curious because that's another

990

00:36:22,870 --> 00:36:20,640

weird thing i've always heard

991

00:36:24,630 --> 00:36:22,880

stories of that i've always liked jules

992

00:36:25,270 --> 00:36:24,640

verne and all kinds of strange things

993

00:36:27,750 --> 00:36:25,280

about

994

00:36:29,270 --> 00:36:27,760

the hollow earth and really what's crazy

995

00:36:31,270 --> 00:36:29,280

because it's not that crazy that there's

996

00:36:32,630 --> 00:36:31,280

cavities inside the earth to me i mean

997

00:36:35,030 --> 00:36:32,640

it's a huge place

998

00:36:36,710 --> 00:36:35,040

but this idea of an inner sun it's like

999

00:36:37,990 --> 00:36:36,720

where would someone even get that

1000

00:36:40,230 --> 00:36:38,000

concept from

1001
00:36:42,710 --> 00:36:40,240
but this dipole nature do you think that

1002
00:36:45,030 --> 00:36:42,720
that could be something that we have

1003
00:36:46,390 --> 00:36:45,040
echoes of like an understanding of or

1004
00:36:47,589 --> 00:36:46,400
that's what they might be trying to

1005
00:36:50,550 --> 00:36:47,599
express in in

1006
00:36:51,990 --> 00:36:50,560
cases like that it is an interesting

1007
00:36:54,910 --> 00:36:52,000
proposition that

1008
00:36:57,109 --> 00:36:54,920
moore was known or we've forgotten

1009
00:37:00,150 --> 00:36:57,119
[Laughter]

1010
00:37:03,430 --> 00:37:00,160
things in the past which we're only

1011
00:37:04,950 --> 00:37:03,440
gradually rediscovering now and this

1012
00:37:06,870 --> 00:37:04,960
makes sense if you look at

1013
00:37:10,069 --> 00:37:06,880

velikovsky's contention that we are

1014

00:37:12,069 --> 00:37:10,079

survivors of survivors of survivors

1015

00:37:14,390 --> 00:37:12,079

of catastrophic events that the earth

1016

00:37:16,470 --> 00:37:14,400

went through in the past

1017

00:37:18,069 --> 00:37:16,480

and i can understand that from the

1018

00:37:20,310 --> 00:37:18,079

reconstruction that we've done

1019

00:37:22,470 --> 00:37:20,320

of the earth's recent history which is

1020

00:37:24,069 --> 00:37:22,480

quite amazing

1021

00:37:26,230 --> 00:37:24,079

it would have science fiction any

1022

00:37:26,550 --> 00:37:26,240

science fiction story and yet we know

1023

00:37:29,750 --> 00:37:26,560

that

1024

00:37:31,510 --> 00:37:29,760

say well

1025

00:37:33,750 --> 00:37:31,520

we can explain the composition of

1026

00:37:36,710 --> 00:37:33,760

atmospheres of stars and moons

1027

00:37:38,550 --> 00:37:36,720

and planets and also look at objects in

1028

00:37:40,950 --> 00:37:38,560

the solar system and give you a

1029

00:37:42,630 --> 00:37:40,960

much clearer idea of how they got the

1030

00:37:43,550 --> 00:37:42,640

way they are and where where they happen

1031

00:37:44,790 --> 00:37:43,560

to be right now

1032

00:37:48,630 --> 00:37:44,800

[Music]

1033

00:37:53,109 --> 00:37:48,640

just based on being able to see things

1034

00:37:55,190 --> 00:37:53,119

from this broader perspective

1035

00:37:56,630 --> 00:37:55,200

and it's this broad perspective you need

1036

00:38:00,790 --> 00:37:56,640

now

1037

00:38:04,870 --> 00:38:00,800

when it comes to hollow planets

1038

00:38:07,750 --> 00:38:04,880

that is the most likely

1039

00:38:09,109 --> 00:38:07,760

outcome of having a dipole force of

1040

00:38:12,390 --> 00:38:09,119

gravity

1041

00:38:15,190 --> 00:38:12,400

you can imagine you've got two magnets

1042

00:38:17,190 --> 00:38:15,200

two strong magnets and you try and force

1043

00:38:19,190 --> 00:38:17,200

the same poles together and what happens

1044

00:38:20,470 --> 00:38:19,200

they push each other apart you can feel

1045

00:38:23,589 --> 00:38:20,480

that force

1046

00:38:27,190 --> 00:38:23,599

pushing them apart so

1047

00:38:29,030 --> 00:38:27,200

if you have a spherical magnet

1048

00:38:31,190 --> 00:38:29,040

with one pole facing outwards and the

1049

00:38:34,950 --> 00:38:31,200

other pole facing inwards

1050

00:38:37,829 --> 00:38:34,960

then you have the internal

1051

00:38:38,950 --> 00:38:37,839

region of the planet can be hollow

1052

00:38:41,430 --> 00:38:38,960

because the force

1053

00:38:42,069 --> 00:38:41,440

acting there is to push any matter from

1054

00:38:49,589 --> 00:38:42,079

the center

1055

00:38:52,630 --> 00:38:49,599

of course we do find hollow objects

1056

00:38:55,430 --> 00:38:52,640

on the earth are called geodes yeah

1057

00:38:57,430 --> 00:38:55,440

also in the laboratory when we were

1058

00:39:00,390 --> 00:38:57,440

replicating the formation of those

1059

00:39:03,750 --> 00:39:00,400

so-called martian blueberries we found

1060

00:39:05,910 --> 00:39:03,760

that we're producing holospheres as well

1061

00:39:07,510 --> 00:39:05,920

and also on beaches and so on around the

1062

00:39:09,270 --> 00:39:07,520

world you'll find these things called

1063

00:39:11,990 --> 00:39:09,280

mocky balls

1064

00:39:13,589 --> 00:39:12,000

which are hollow and the question is how

1065

00:39:16,230 --> 00:39:13,599

do you form these hollow objects

1066

00:39:19,190 --> 00:39:16,240

and then we look at comets and the comet

1067

00:39:20,870 --> 00:39:19,200

nuclei which are rocky

1068

00:39:22,230 --> 00:39:20,880

and sometimes they're fused into a

1069

00:39:24,470 --> 00:39:22,240

dumbbell shape

1070

00:39:26,390 --> 00:39:24,480

these are characteristic formations we

1071

00:39:29,349 --> 00:39:26,400

saw when we were producing

1072

00:39:31,510 --> 00:39:29,359

these martian blueberries we would find

1073

00:39:34,870 --> 00:39:31,520

two of them fused together

1074

00:39:37,349 --> 00:39:34,880

to form a dumbbell shape

1075

00:39:39,990 --> 00:39:37,359

also it you can begin to understand why

1076

00:39:42,710 --> 00:39:40,000

there are so many binary stars

1077

00:39:44,310 --> 00:39:42,720

there's pairs of stars outnumber single

1078

00:39:47,910 --> 00:39:44,320

stars

1079

00:39:49,270 --> 00:39:47,920

in the local galaxy and the question is

1080

00:39:50,790 --> 00:39:49,280

why is that so

1081

00:39:52,550 --> 00:39:50,800

well the answer is simple when you

1082

00:39:53,109 --> 00:39:52,560

understand the electrical formation of

1083

00:39:56,150 --> 00:39:53,119

stars

1084

00:39:58,550 --> 00:39:56,160

and of planets and of comets and of

1085

00:40:01,270 --> 00:39:58,560

asteroids and so on

1086

00:40:02,550 --> 00:40:01,280

very interesting and i wanted to ask you

1087

00:40:05,589 --> 00:40:02,560

kind of a weird one

1088

00:40:08,150 --> 00:40:05,599

about plasma but this comes from the

1089

00:40:08,870 --> 00:40:08,160

sapphire project website and it says

1090

00:40:11,670 --> 00:40:08,880

irving

1091

00:40:12,390 --> 00:40:11,680

langmuir coined the word plasma to

1092

00:40:15,750 --> 00:40:12,400

describe

1093

00:40:17,670 --> 00:40:15,760

ionized gas the lifelike behavior of

1094

00:40:20,790 --> 00:40:17,680

charged particles reminded him

1095

00:40:22,950 --> 00:40:20,800

of the qualities of blood plasma okay

1096

00:40:23,990 --> 00:40:22,960

well this is interesting because i've

1097

00:40:26,550 --> 00:40:24,000

had guests who have done

1098

00:40:27,270 --> 00:40:26,560

experiments with plasmas say something

1099

00:40:30,390 --> 00:40:27,280

similar

1100

00:40:32,470 --> 00:40:30,400

that it seemed lifelike and

1101
00:40:34,069 --> 00:40:32,480
conscious almost intelligent almost eric

1102
00:40:34,950 --> 00:40:34,079
dollard apparently did an experiment

1103
00:40:37,270 --> 00:40:34,960
with plasma

1104
00:40:38,069 --> 00:40:37,280
and took a photo of what looks like a

1105
00:40:40,230 --> 00:40:38,079
little

1106
00:40:41,430 --> 00:40:40,240
spirit in the air next to it that he

1107
00:40:43,109 --> 00:40:41,440
couldn't explain

1108
00:40:45,270 --> 00:40:43,119
i don't know what to make of that either

1109
00:40:47,349 --> 00:40:45,280
but i'm curious if you have any thoughts

1110
00:40:51,589 --> 00:40:47,359
on this quality of plasma

1111
00:40:54,710 --> 00:40:51,599
being lifelike and what that could imply

1112
00:40:55,750 --> 00:40:54,720
yes i mean people have generally

1113
00:40:57,990 --> 00:40:55,760

experienced

1114

00:40:59,030 --> 00:40:58,000

those plasma balls the novelty plasma

1115

00:41:00,309 --> 00:40:59,040

balls

1116

00:41:03,510 --> 00:41:00,319

and you'll notice the electrical

1117

00:41:06,069 --> 00:41:03,520

discharges in them are filamentary

1118

00:41:07,670 --> 00:41:06,079

and they snake about and of course you

1119

00:41:10,390 --> 00:41:07,680

put a finger on the

1120

00:41:11,829 --> 00:41:10,400

glass envelope and they'll head to your

1121

00:41:14,230 --> 00:41:11,839

finger

1122

00:41:16,950 --> 00:41:14,240

so they do have this sort of life-like

1123

00:41:18,790 --> 00:41:16,960

appearance or quality

1124

00:41:20,309 --> 00:41:18,800

and of course the ancients who witnessed

1125

00:41:23,430 --> 00:41:20,319

the plasma phenomena

1126

00:41:26,470 --> 00:41:23,440

quite startling and frightening

1127

00:41:27,510 --> 00:41:26,480

times and majestic at others plasma

1128

00:41:30,790 --> 00:41:27,520

phenomena

1129

00:41:34,230 --> 00:41:30,800

in the skies towards the poles

1130

00:41:37,430 --> 00:41:34,240

rather like an amazing auroral display

1131

00:41:38,150 --> 00:41:37,440

but when it's in space the plasma will

1132

00:41:41,430 --> 00:41:38,160

take on

1133

00:41:43,270 --> 00:41:41,440

various forms and one of them is the

1134

00:41:47,190 --> 00:41:43,280

squatter man one

1135

00:41:49,589 --> 00:41:47,200

which is detailed in tony pratt's work

1136

00:41:51,750 --> 00:41:49,599

and he points out that the squatter man

1137

00:41:55,430 --> 00:41:51,760

is actually a plasma formation

1138

00:41:58,790 --> 00:41:55,440

where you have two sort of disc

1139

00:42:02,069 --> 00:41:58,800

shaped forms of the plasma

1140

00:42:06,230 --> 00:42:02,079

centered on a glowing column

1141

00:42:09,270 --> 00:42:06,240

and the edges of the disks

1142

00:42:11,510 --> 00:42:09,280

turn upwards now because the plasma is

1143

00:42:13,750 --> 00:42:11,520

you can see through it partially because

1144

00:42:17,349 --> 00:42:13,760

it's a glow discharge

1145

00:42:20,390 --> 00:42:17,359

it looks like a figure

1146

00:42:24,069 --> 00:42:20,400

with a head and up raised arms

1147

00:42:26,470 --> 00:42:24,079

and outstretched legs so you've got the

1148

00:42:28,069 --> 00:42:26,480

arms up at right angles to the body and

1149

00:42:29,109 --> 00:42:28,079

the legs are stretched at right angles

1150

00:42:31,510 --> 00:42:29,119

to the body

1151
00:42:33,430 --> 00:42:31,520
and they call it the squatter man and

1152
00:42:36,150 --> 00:42:33,440
that's worldwide

1153
00:42:36,790 --> 00:42:36,160
and it's a very well-known form of a

1154
00:42:40,150 --> 00:42:36,800
plasma

1155
00:42:42,470 --> 00:42:40,160
instability but it also has other forms

1156
00:42:45,430 --> 00:42:42,480
and it progresses through them

1157
00:42:46,630 --> 00:42:45,440
and all of these are represented in

1158
00:42:49,670 --> 00:42:46,640
ancient art and

1159
00:42:52,470 --> 00:42:49,680
particularly in the most ancient

1160
00:42:53,430 --> 00:42:52,480
civilizations like the egyptians with

1161
00:42:56,230 --> 00:42:53,440
their

1162
00:42:58,069 --> 00:42:56,240
kind of backbone letter to heaven the

1163
00:43:00,870 --> 00:42:58,079

letter to heaven came from this

1164

00:43:02,550 --> 00:43:00,880

picture of a plasma discharge stretching

1165

00:43:06,069 --> 00:43:02,560

up into the sky

1166

00:43:07,910 --> 00:43:06,079

away from the earth so the life-like

1167

00:43:10,950 --> 00:43:07,920

characteristics were transferred

1168

00:43:14,630 --> 00:43:10,960

to were anthropomorphized

1169

00:43:16,710 --> 00:43:14,640

in other words so man was made in the

1170

00:43:17,190 --> 00:43:16,720

image of god well the god was a plasma

1171

00:43:19,829 --> 00:43:17,200

god

1172

00:43:21,510 --> 00:43:19,839

and of course it looked like a man with

1173

00:43:23,430 --> 00:43:21,520

his arms and legs

1174

00:43:25,990 --> 00:43:23,440

outstretched over the earth and

1175

00:43:27,829 --> 00:43:26,000

stretching up into the heavens

1176

00:43:29,270 --> 00:43:27,839

and so you begin to understand what they

1177

00:43:31,030 --> 00:43:29,280

were trying to talk about when they talk

1178

00:43:31,829 --> 00:43:31,040

about the kingdom of heaven and whatnot

1179

00:43:35,109 --> 00:43:31,839

it was

1180

00:43:38,150 --> 00:43:35,119

they witnessed things being constructed

1181

00:43:40,470 --> 00:43:38,160

in the plasma formations in the sky the

1182

00:43:43,109 --> 00:43:40,480

pyramids were built to echo the

1183

00:43:44,470 --> 00:43:43,119

effect of a column which is lit on one

1184

00:43:47,109 --> 00:43:44,480

side and dark on the other

1185

00:43:48,069 --> 00:43:47,119

and stretching up into the sky like a

1186

00:43:52,230 --> 00:43:48,079

triangular

1187

00:43:56,069 --> 00:43:52,240

shape with the pinnacle pointing towards

1188

00:43:59,109 --> 00:43:56,079

planet mars and us at the base

1189

00:44:00,630 --> 00:43:59,119
and you get the idea of the world

1190

00:44:03,829 --> 00:44:00,640
mountain

1191

00:44:06,870 --> 00:44:03,839
the navel of the world the navel of

1192

00:44:09,190 --> 00:44:06,880
the whole idea of the world tree this

1193

00:44:10,870 --> 00:44:09,200
tree that's stretched into heaven right

1194

00:44:14,069 --> 00:44:10,880
so all of these

1195

00:44:16,390 --> 00:44:14,079
sort of biological overtones to the

1196

00:44:18,950 --> 00:44:16,400
description of plasma

1197

00:44:20,710 --> 00:44:18,960
things in the sky had a reason and that

1198

00:44:24,150 --> 00:44:20,720
is the lifelike

1199

00:44:25,990 --> 00:44:24,160
behavior of plasma interesting

1200

00:44:28,069 --> 00:44:26,000
i was going to take that a different

1201

00:44:29,270 --> 00:44:28,079

direction just because i hear so many

1202

00:44:32,550 --> 00:44:29,280

researchers

1203

00:44:34,950 --> 00:44:32,560

sort of use the terms electricity and

1204

00:44:37,030 --> 00:44:34,960

even ether and consciousness in

1205

00:44:38,710 --> 00:44:37,040

different contexts that all sort of

1206

00:44:41,510 --> 00:44:38,720

circle around what sounds like

1207

00:44:42,150 --> 00:44:41,520

there's oftentimes saying the same thing

1208

00:44:44,150 --> 00:44:42,160

some people

1209

00:44:45,589 --> 00:44:44,160

use those terms almost interchangeably

1210

00:44:48,309 --> 00:44:45,599

to a degree well

1211

00:44:50,150 --> 00:44:48,319

my thought was if irving coined the term

1212

00:44:53,349 --> 00:44:50,160

plasmid described ionized

1213

00:44:55,430 --> 00:44:53,359

gas electrically charged gas i guess is

1214

00:44:57,349 --> 00:44:55,440

what we could say and found it to seem

1215

00:44:59,750 --> 00:44:57,359

lifelike it does make me wonder if

1216

00:45:01,829 --> 00:44:59,760

consciousness and electricity

1217

00:45:04,309 --> 00:45:01,839

might be the same thing or at least

1218

00:45:07,109 --> 00:45:04,319

entangled that maybe charging a gas

1219

00:45:08,309 --> 00:45:07,119

might even cause consciousness to emerge

1220

00:45:11,510 --> 00:45:08,319

within it

1221

00:45:15,910 --> 00:45:14,150

well in the electric universe i'm keen

1222

00:45:19,030 --> 00:45:15,920

to define

1223

00:45:21,510 --> 00:45:19,040

my terms terms that are not defined in

1224

00:45:25,109 --> 00:45:21,520

modern physics

1225

00:45:28,470 --> 00:45:25,119

and one of the things about the ether

1226

00:45:32,150 --> 00:45:28,480

is that it is an absolute necessity

1227

00:45:35,109 --> 00:45:32,160

you cannot have electromagnetic waves

1228

00:45:37,430 --> 00:45:35,119

traveling through a pure vacuum in other

1229

00:45:40,630 --> 00:45:37,440

words there's nothing there

1230

00:45:42,950 --> 00:45:40,640

and it seems crazy to me that we even

1231

00:45:46,230 --> 00:45:42,960

contemplate such a thing when it's known

1232

00:45:46,550 --> 00:45:46,240

that the vacuum has the characteristics

1233

00:45:51,109 --> 00:45:46,560

of

1234

00:45:54,230 --> 00:45:51,119

a dielectric material it is material

1235

00:45:56,150 --> 00:45:54,240

now at the time when i was

1236

00:45:57,349 --> 00:45:56,160

getting involved with velikovsky there

1237

00:46:00,470 --> 00:45:57,359

was a

1238

00:46:02,710 --> 00:46:00,480

small monograph put out by a

1239

00:46:03,910 --> 00:46:02,720

dr horace dudley who was a radiation

1240

00:46:07,030 --> 00:46:03,920

physicist

1241

00:46:10,470 --> 00:46:07,040

and he proposed the idea that the

1242

00:46:13,510 --> 00:46:10,480

ether as it's called is a material

1243

00:46:17,510 --> 00:46:13,520

medium and it's made up of neutrinos

1244

00:46:21,270 --> 00:46:17,520

now that made sense to me simply because

1245

00:46:23,270 --> 00:46:21,280

neutrinos must if they exist and they've

1246

00:46:26,950 --> 00:46:23,280

been shown to exist

1247

00:46:30,150 --> 00:46:26,960

experimentally they must

1248

00:46:31,190 --> 00:46:30,160

be composed of normal matter just like

1249

00:46:33,349 --> 00:46:31,200

everything else

1250

00:46:36,230 --> 00:46:33,359

but in a state where it has very low

1251

00:46:39,109 --> 00:46:36,240

energy very low mass

1252

00:46:41,510 --> 00:46:39,119

and once i accepted that idea this was

1253

00:46:44,470 --> 00:46:41,520

horace dudley's proposal that

1254

00:46:45,510 --> 00:46:44,480

we live in a you know the universe is

1255

00:46:48,230 --> 00:46:45,520

not empty it's full

1256

00:46:48,710 --> 00:46:48,240

it's full of this neutrino sea if you

1257

00:46:52,870 --> 00:46:48,720

like an

1258

00:46:56,550 --> 00:46:52,880

ocean of neutrinos and

1259

00:46:59,990 --> 00:46:56,560

once you had that idea in your mind

1260

00:47:01,589 --> 00:47:00,000

you could understand then how

1261

00:47:03,190 --> 00:47:01,599

a particle and its so-called

1262

00:47:05,109 --> 00:47:03,200

anti-particle which is a complete

1263

00:47:07,670 --> 00:47:05,119

misnomer

1264

00:47:09,510 --> 00:47:07,680

can suddenly pop into existence they

1265

00:47:11,430 --> 00:47:09,520

don't pop into existence

1266

00:47:13,430 --> 00:47:11,440

they are the result of a neutrino

1267

00:47:14,230 --> 00:47:13,440

accepting energy and then splitting in

1268

00:47:16,710 --> 00:47:14,240

two

1269

00:47:18,230 --> 00:47:16,720

into a positive and negative particle

1270

00:47:21,510 --> 00:47:18,240

with identical

1271

00:47:23,670 --> 00:47:21,520

characteristics the artberry idea of an

1272

00:47:25,030 --> 00:47:23,680

antiparticle is nonsense because one of

1273

00:47:28,230 --> 00:47:25,040

the principles of physics

1274

00:47:28,870 --> 00:47:28,240

says you cannot magically create or

1275

00:47:32,630 --> 00:47:28,880

destroy

1276

00:47:34,390 --> 00:47:32,640

matter and if you give up that principle

1277

00:47:36,230 --> 00:47:34,400

then you're not doing physics

1278

00:47:38,710 --> 00:47:36,240

so that's been the case for the last

1279

00:47:40,870 --> 00:47:38,720

century or more

1280

00:47:43,990 --> 00:47:40,880

so the ether is necessary if it is a

1281

00:47:46,069 --> 00:47:44,000

material medium and it's made up of

1282

00:47:48,470 --> 00:47:46,079

positive and negative charge smaller

1283

00:47:49,190 --> 00:47:48,480

ones not the electron and proton we're

1284

00:47:52,069 --> 00:47:49,200

talking about

1285

00:47:54,390 --> 00:47:52,079

another level down if you like it's a

1286

00:47:55,910 --> 00:47:54,400

repeated pattern and this is typical of

1287

00:47:58,390 --> 00:47:55,920

how the universe operates it has

1288

00:47:59,670 --> 00:47:58,400

repeated patterns a successful pattern

1289

00:48:02,950 --> 00:47:59,680

in one

1290

00:48:03,510 --> 00:48:02,960

dimension one level of existence can be

1291

00:48:06,790 --> 00:48:03,520

seen

1292

00:48:10,710 --> 00:48:06,800

in the lower and possibly an upper

1293

00:48:15,430 --> 00:48:13,910

anyway having sorted that out i then

1294

00:48:18,790 --> 00:48:15,440

realized that

1295

00:48:20,950 --> 00:48:18,800

mata because it is a resonant system of

1296

00:48:22,230 --> 00:48:20,960

charged particles if it wasn't resonant

1297

00:48:24,309 --> 00:48:22,240

they would just fly apart and it

1298

00:48:26,150 --> 00:48:24,319

wouldn't exist

1299

00:48:28,230 --> 00:48:26,160

that means all the particles exchange

1300

00:48:31,190 --> 00:48:28,240

energy between themselves

1301

00:48:33,030 --> 00:48:31,200

in an orbit like in an atom and the

1302

00:48:35,990 --> 00:48:33,040

reason the electrons don't just

1303

00:48:37,750 --> 00:48:36,000

dissipate energy and fall into the

1304

00:48:40,950 --> 00:48:37,760

nucleus

1305

00:48:43,270 --> 00:48:40,960

because

1306

00:48:45,589 --> 00:48:43,280

they exchange energy in real time which

1307

00:48:46,790 --> 00:48:45,599

means the electric force must operate in

1308

00:48:50,470 --> 00:48:46,800

real time

1309

00:48:53,990 --> 00:48:50,480

no speed of light delay instantaneous

1310

00:48:55,829 --> 00:48:54,000

this means that gravity for instance is

1311

00:48:58,150 --> 00:48:55,839

an electric force because it operates in

1312

00:49:01,589 --> 00:48:58,160

real time newton's law doesn't include

1313

00:49:04,150 --> 00:49:01,599

time or t in the equation

1314

00:49:04,870 --> 00:49:04,160

all of these things give you some

1315

00:49:08,230 --> 00:49:04,880

impression

1316

00:49:09,910 --> 00:49:08,240

that all the things that are considered

1317

00:49:13,270 --> 00:49:09,920

to be

1318

00:49:15,750 --> 00:49:13,280

science like esp

1319

00:49:17,829 --> 00:49:15,760

remote viewing and so on can be

1320

00:49:19,349 --> 00:49:17,839

understood in terms of the same kind of

1321

00:49:22,309 --> 00:49:19,359

signaling that keep the

1322

00:49:25,270 --> 00:49:22,319

planets in their orbits about the sun

1323

00:49:27,990 --> 00:49:25,280

only this time at a biological level

1324

00:49:29,990 --> 00:49:28,000

and this kind of signaling is necessary

1325

00:49:32,549 --> 00:49:30,000

instantaneous signaling between all

1326

00:49:34,790 --> 00:49:32,559

similar molecules in the body

1327

00:49:38,710 --> 00:49:34,800

instantaneously to maintain control

1328

00:49:41,910 --> 00:49:38,720

of an incredibly complex series of

1329

00:49:44,230 --> 00:49:41,920

chemical reactions that are taking place

1330

00:49:45,829 --> 00:49:44,240

all the time in your body there's

1331

00:49:48,390 --> 00:49:45,839

trillions of things going on

1332

00:49:49,750 --> 00:49:48,400

at any instant and to maintain coherence

1333

00:49:52,790 --> 00:49:49,760

and therefore

1334

00:49:55,430 --> 00:49:52,800

remain alive requires that they all

1335

00:49:57,829 --> 00:49:55,440

know what's going on throughout the body

1336

00:50:01,109 --> 00:49:57,839

so you get this mind

1337

00:50:03,430 --> 00:50:01,119

connection is instantaneous and bruce

1338

00:50:04,230 --> 00:50:03,440

lipton the cellular biologist has shown

1339

00:50:08,470 --> 00:50:04,240

that

1340

00:50:11,510 --> 00:50:08,480

the cell walls have receptors

1341

00:50:13,430 --> 00:50:11,520

now some of those receptors operate on

1342

00:50:15,670 --> 00:50:13,440

the basis of signals in the blood

1343

00:50:16,870 --> 00:50:15,680

you know hormones and other triggers

1344

00:50:19,990 --> 00:50:16,880

which then

1345

00:50:21,750 --> 00:50:20,000

determine what the cell should do

1346

00:50:24,069 --> 00:50:21,760

but he said there are receptors that

1347

00:50:26,390 --> 00:50:24,079

don't seem to

1348

00:50:27,589 --> 00:50:26,400

be associated with anything in the body

1349

00:50:29,589 --> 00:50:27,599

inside the body but

1350

00:50:31,430 --> 00:50:29,599

i seem to receive signals from outside

1351

00:50:33,990 --> 00:50:31,440

and this comes down then to

1352

00:50:35,829 --> 00:50:34,000

rupert sheldrake the outstanding

1353

00:50:38,710 --> 00:50:35,839

biologist who has looked at what's

1354

00:50:40,710 --> 00:50:38,720

called the morphogenetic field

1355

00:50:42,069 --> 00:50:40,720

and then you begin to understand that a

1356

00:50:45,349 --> 00:50:42,079

living system

1357

00:50:48,069 --> 00:50:45,359

is there's more than meets the eye to

1358

00:50:50,150 --> 00:50:48,079

a living creature and that is that it

1359

00:50:50,710 --> 00:50:50,160

has a morphogenetic field it has a

1360

00:50:54,470 --> 00:50:50,720

pattern

1361

00:50:56,150 --> 00:50:54,480

which it is built to it's constructed

1362

00:50:57,990 --> 00:50:56,160

based on a pattern that pre-exists in

1363

00:51:00,790 --> 00:50:58,000

the ether if you like

1364

00:51:01,910 --> 00:51:00,800

so life and consciousness and memory

1365

00:51:04,069 --> 00:51:01,920

according to

1366

00:51:05,349 --> 00:51:04,079

people like bruce lipton and rupert

1367

00:51:08,790 --> 00:51:05,359

sheldrak

1368

00:51:12,150 --> 00:51:08,800

has this other

1369

00:51:13,589 --> 00:51:12,160

existence at a more

1370

00:51:15,190 --> 00:51:13,599

what would you call more fundamental

1371

00:51:17,190 --> 00:51:15,200

level

1372

00:51:18,870 --> 00:51:17,200

you get a completely different idea of

1373

00:51:22,630 --> 00:51:18,880

life and death

1374

00:51:25,190 --> 00:51:22,640

episode in the

1375

00:51:25,829 --> 00:51:25,200

life if you like at a more fundamental

1376

00:51:28,470 --> 00:51:25,839

level

1377

00:51:29,990 --> 00:51:28,480

and i think people have always had this

1378

00:51:30,950 --> 00:51:30,000

impression that there is more to life

1379

00:51:33,430 --> 00:51:30,960

than meets the eye

1380

00:51:34,069 --> 00:51:33,440

you know there is a higher self a soul

1381

00:51:36,790 --> 00:51:34,079

or

1382

00:51:38,069 --> 00:51:36,800

that kind of thing and if this were

1383

00:51:41,510 --> 00:51:38,079

actually believed

1384

00:51:43,190 --> 00:51:41,520

and utilized by science we would have a

1385

00:51:44,950 --> 00:51:43,200

much better health system

1386

00:51:46,950 --> 00:51:44,960

it would not be an illness system it

1387

00:51:49,190 --> 00:51:46,960

would be a health system and also

1388

00:51:49,990 --> 00:51:49,200

people would not have this existential

1389

00:51:53,270 --> 00:51:50,000

fear of

1390

00:51:56,470 --> 00:51:53,280

death you know

1391

00:51:57,750 --> 00:51:56,480

death is a part of life but it's not the

1392

00:52:01,670 --> 00:51:57,760

end of anything

1393

00:52:05,109 --> 00:52:01,680

and i think if people felt that and also

1394

00:52:08,549 --> 00:52:05,119

the universe in my opinion appears to

1395

00:52:09,430 --> 00:52:08,559

need purpose in other words you were

1396

00:52:12,790 --> 00:52:09,440

born

1397

00:52:15,349 --> 00:52:12,800

with a purpose but of course our

1398

00:52:17,109 --> 00:52:15,359

society our cultures and our education

1399

00:52:19,030 --> 00:52:17,119

knock that out of us

1400

00:52:21,109 --> 00:52:19,040

it's only those who are lucky enough to

1401

00:52:23,190 --> 00:52:21,119

stumble on what their purpose is

1402

00:52:25,829 --> 00:52:23,200

or it's so strongly in them when they're

1403

00:52:29,109 --> 00:52:25,839

born that they become a mozart or

1404

00:52:32,549 --> 00:52:29,119

you know some other amazing genius

1405

00:52:34,950 --> 00:52:32,559

you know it's inexplicable otherwise yes

1406

00:52:36,630 --> 00:52:34,960

yes and i've heard about some people

1407

00:52:39,750 --> 00:52:36,640

instituting new

1408

00:52:41,109 --> 00:52:39,760

educational models where they say if you

1409

00:52:44,549 --> 00:52:41,119

pay attention to

1410

00:52:46,950 --> 00:52:44,559

small children they will express some

1411

00:52:48,870 --> 00:52:46,960

sort of talent that that's the adult's

1412

00:52:49,430 --> 00:52:48,880

job to notice is like hey you're really

1413

00:52:51,430 --> 00:52:49,440

good at x

1414

00:52:52,710 --> 00:52:51,440

y or z but instead they put us in a

1415

00:52:54,150 --> 00:52:52,720

school system where

1416

00:52:56,230 --> 00:52:54,160

they teach to the least common

1417

00:52:56,870 --> 00:52:56,240

denominator and everybody must spread

1418

00:53:00,230 --> 00:52:56,880

their

1419

00:53:02,230 --> 00:53:00,240

bandwidth

1420

00:53:03,349 --> 00:53:02,240

across all these subjects that they

1421

00:53:05,990 --> 00:53:03,359

don't care about

1422

00:53:07,990 --> 00:53:06,000

when really if they focused on the one

1423

00:53:08,870 --> 00:53:08,000

thing that seems to be trying to pour

1424

00:53:10,870 --> 00:53:08,880

out of them

1425

00:53:13,270 --> 00:53:10,880

they could be that mozart or something

1426

00:53:16,390 --> 00:53:13,280

oh yes yes yes we're all

1427

00:53:18,549 --> 00:53:16,400

amazing individuals and we come with a

1428

00:53:22,069 --> 00:53:18,559

purpose to learn something

1429

00:53:22,870 --> 00:53:22,079

generally and it's interesting for me

1430

00:53:25,190 --> 00:53:22,880

because

1431

00:53:26,870 --> 00:53:25,200

these ideas have dawned on me slowly

1432

00:53:30,069 --> 00:53:26,880

over the years but the more

1433

00:53:30,950 --> 00:53:30,079

the older i get the more i realize that

1434

00:53:33,190 --> 00:53:30,960

i'm where i am

1435

00:53:34,470 --> 00:53:33,200

only because i followed my intuition and

1436

00:53:37,990 --> 00:53:34,480

the intuition

1437

00:53:41,750 --> 00:53:38,000

your feelings are the guide

1438

00:53:43,670 --> 00:53:41,760

and i've always paid attention to my

1439

00:53:46,870 --> 00:53:43,680

children and grandchildren to see what

1440

00:53:49,190 --> 00:53:46,880

it is that excites them what is it that

1441

00:53:50,710 --> 00:53:49,200

they feel they want to get involved in

1442

00:53:52,309 --> 00:53:50,720

or to do

1443

00:53:54,230 --> 00:53:52,319

so if they show an interest you know

1444

00:53:56,630 --> 00:53:54,240

i've seen a grandchild

1445

00:53:58,150 --> 00:53:56,640

who knew they wanted to play the violin

1446

00:54:01,510 --> 00:53:58,160

at a very early age and

1447

00:54:04,230 --> 00:54:01,520

insisted and so her mother

1448

00:54:05,349 --> 00:54:04,240

took her along and sure enough she was

1449

00:54:07,670 --> 00:54:05,359

very good

1450

00:54:09,510 --> 00:54:07,680

at the violin that doesn't mean that

1451
00:54:10,870 --> 00:54:09,520
that's what she will continue to do but

1452
00:54:13,990 --> 00:54:10,880
if you follow these

1453
00:54:16,630 --> 00:54:14,000
clues from the child listen to them

1454
00:54:18,390 --> 00:54:16,640
and not try and force your ideas on them

1455
00:54:19,510 --> 00:54:18,400
that person has a better chance of

1456
00:54:22,870 --> 00:54:19,520
fulfilling

1457
00:54:25,910 --> 00:54:22,880
their lives and that is the thing

1458
00:54:28,390 --> 00:54:25,920
which will make people happy

1459
00:54:30,870 --> 00:54:28,400
not the industrialized education system

1460
00:54:34,790 --> 00:54:30,880
which has resulted in an industrialized

1461
00:54:36,470 --> 00:54:34,800
science and that industrialized science

1462
00:54:39,990 --> 00:54:36,480
is so

1463
00:54:42,870 --> 00:54:40,000

naive that it's actually dangerous

1464

00:54:43,750 --> 00:54:42,880

we can see that and by not understanding

1465

00:54:46,470 --> 00:54:43,760

ourselves

1466

00:54:47,990 --> 00:54:46,480

we continue to behave as velikovsky

1467

00:54:50,470 --> 00:54:48,000

pointed out

1468

00:54:52,710 --> 00:54:50,480

irrationally he said all of humanity

1469

00:54:54,950 --> 00:54:52,720

behaves irrationally

1470

00:54:57,829 --> 00:54:54,960

and the danger that he saw was that this

1471

00:55:00,150 --> 00:54:57,839

irrationality could drive us to

1472

00:55:01,910 --> 00:55:00,160

our own destruction we are our own worst

1473

00:55:03,109 --> 00:55:01,920

enemy and that's something that was also

1474

00:55:05,910 --> 00:55:03,119

echoed by

1475

00:55:07,430 --> 00:55:05,920

the famous psychologist and psychiatrist

1476

00:55:09,910 --> 00:55:07,440

carl jung

1477

00:55:11,910 --> 00:55:09,920

who identified these things that haunt

1478

00:55:15,109 --> 00:55:11,920

us from the past

1479

00:55:17,190 --> 00:55:15,119

and one of the major ones is this sort

1480

00:55:17,910 --> 00:55:17,200

of post-traumatic stress disorder of

1481

00:55:21,349 --> 00:55:17,920

having

1482

00:55:21,910 --> 00:55:21,359

lived through doomsday and i look back

1483

00:55:24,630 --> 00:55:21,920

over

1484

00:55:26,309 --> 00:55:24,640

my life and i can see that ever since i

1485

00:55:29,750 --> 00:55:26,319

was very young there was always

1486

00:55:30,470 --> 00:55:29,760

a doomsday story we had to be afraid of

1487

00:55:32,309 --> 00:55:30,480

this or

1488

00:55:33,670 --> 00:55:32,319

that or the other we seem to be in a

1489

00:55:35,510 --> 00:55:33,680

couple of those right now

1490

00:55:38,150 --> 00:55:35,520

oh yeah we've got one right now and so

1491

00:55:40,069 --> 00:55:38,160

we've got a mass psychosis

1492

00:55:42,150 --> 00:55:40,079

the things that we're being told by the

1493

00:55:45,109 --> 00:55:42,160

media and that and the politicians

1494

00:55:47,109 --> 00:55:45,119

it's got nothing to do with science it's

1495

00:55:48,710 --> 00:55:47,119

a psychosis

1496

00:55:50,230 --> 00:55:48,720

and it was the same thing of course that

1497

00:55:53,750 --> 00:55:50,240

drove hitler and

1498

00:55:56,470 --> 00:55:53,760

the other madmen of the past uh

1499

00:55:58,150 --> 00:55:56,480

you know and of course it's the madmen

1500

00:56:01,349 --> 00:55:58,160

who take advantage of these

1501
00:56:04,470 --> 00:56:01,359
situations yes

1502
00:56:05,990 --> 00:56:04,480
well said amen to a lot of the things

1503
00:56:08,470 --> 00:56:06,000
that you just said there

1504
00:56:10,630 --> 00:56:08,480
and you mentioned health and i am

1505
00:56:12,710 --> 00:56:10,640
curious if the electric universe

1506
00:56:14,150 --> 00:56:12,720
understanding has any implications for

1507
00:56:15,990 --> 00:56:14,160
human health and wellness

1508
00:56:17,270 --> 00:56:16,000
obviously that's been a big theme over

1509
00:56:19,510 --> 00:56:17,280
the last year and a half

1510
00:56:21,910 --> 00:56:19,520
i've had a lot of guests who think that

1511
00:56:23,510 --> 00:56:21,920
like cosmology the science of medicine

1512
00:56:24,549 --> 00:56:23,520
and health is way off track from where

1513
00:56:26,069 --> 00:56:24,559

it should be

1514

00:56:27,589 --> 00:56:26,079

we should be treating the body

1515

00:56:29,829 --> 00:56:27,599

holistically and

1516

00:56:31,510 --> 00:56:29,839

some say energetically or electrically

1517

00:56:34,710 --> 00:56:31,520

with light and frequency

1518

00:56:36,390 --> 00:56:34,720

yes there were rife devices and studies

1519

00:56:37,030 --> 00:56:36,400

like this one that i jotted down where

1520

00:56:39,990 --> 00:56:37,040

it says

1521

00:56:42,309 --> 00:56:40,000

a study by arizona state university

1522

00:56:43,270 --> 00:56:42,319

along with researchers at john hopkins

1523

00:56:46,150 --> 00:56:43,280

university

1524

00:56:47,829 --> 00:56:46,160

shows how strong blasts of visible light

1525

00:56:50,710 --> 00:56:47,839

from a low power laser

1526
00:56:52,950 --> 00:56:50,720
can kill viruses laser technique appears

1527
00:56:56,630 --> 00:56:52,960
to be more successful than other methods

1528
00:56:57,349 --> 00:56:56,640
at killing viruses and also poses less

1529
00:56:59,510 --> 00:56:57,359
harm

1530
00:57:01,349 --> 00:56:59,520
to healthy tissue and i'm seeing more

1531
00:57:03,510 --> 00:57:01,359
stuff like this all the time

1532
00:57:05,270 --> 00:57:03,520
and i wonder if you or your colleagues

1533
00:57:07,030 --> 00:57:05,280
have looked at health and disease from

1534
00:57:07,750 --> 00:57:07,040
an electrical or frequency-based

1535
00:57:10,069 --> 00:57:07,760
standpoint

1536
00:57:11,510 --> 00:57:10,079
and considered that western medicine has

1537
00:57:14,950 --> 00:57:11,520
got it all wrong

1538
00:57:15,990 --> 00:57:14,960

yes all of our science is a dismal

1539

00:57:19,349 --> 00:57:16,000

failure at present

1540

00:57:21,430 --> 00:57:19,359

simply because the experts in one field

1541

00:57:23,190 --> 00:57:21,440

mislead the experts in another field

1542

00:57:24,549 --> 00:57:23,200

with the things they don't know they

1543

00:57:27,670 --> 00:57:24,559

don't know

1544

00:57:30,950 --> 00:57:27,680

and the result is it's a babble

1545

00:57:33,270 --> 00:57:30,960

of nonsense generally but

1546

00:57:34,150 --> 00:57:33,280

with the industrialized education and

1547

00:57:37,829 --> 00:57:34,160

scientific

1548

00:57:40,150 --> 00:57:37,839

regime our hospitals are industrialized

1549

00:57:42,230 --> 00:57:40,160

i mean you get this sense of abandon and

1550

00:57:43,990 --> 00:57:42,240

hope all you enter here

1551
00:57:45,990 --> 00:57:44,000
when you enter a hospital or at least i

1552
00:57:49,109 --> 00:57:46,000
do because they have no

1553
00:57:51,670 --> 00:57:49,119
idea of the mind-body connection and

1554
00:57:54,309 --> 00:57:51,680
also the fact that consciousness and so

1555
00:57:57,190 --> 00:57:54,319
on exists beyond the body

1556
00:57:57,670 --> 00:57:57,200
and that they deal more like mechanics

1557
00:57:59,589 --> 00:57:57,680
you know

1558
00:58:01,910 --> 00:57:59,599
if this bit's not working we'll just cut

1559
00:58:03,750 --> 00:58:01,920
it out or we'll zap it with radiation or

1560
00:58:05,829 --> 00:58:03,760
chemicals or whatever

1561
00:58:07,190 --> 00:58:05,839
it's got nothing to do with the way life

1562
00:58:10,309 --> 00:58:07,200
operates

1563
00:58:13,750 --> 00:58:10,319

for instance when we talk about

1564

00:58:15,589 --> 00:58:13,760

immunity from viruses we're always in

1565

00:58:18,230 --> 00:58:15,599

this war against

1566

00:58:18,789 --> 00:58:18,240

nature and the only one that's going to

1567

00:58:22,150 --> 00:58:18,799

lose

1568

00:58:26,950 --> 00:58:22,160

is us because nature is far more subtle

1569

00:58:33,349 --> 00:58:30,549

current biological scientist understands

1570

00:58:33,750 --> 00:58:33,359

although many of them have intuited it

1571

00:58:36,230 --> 00:58:33,760

and

1572

00:58:37,430 --> 00:58:36,240

many medical practitioners also have

1573

00:58:40,470 --> 00:58:37,440

intuited that

1574

00:58:43,109 --> 00:58:40,480

there's more to it than just chemical

1575

00:58:45,430 --> 00:58:43,119

interference

1576

00:58:46,710 --> 00:58:45,440

one of the things i'm hoping is that

1577

00:58:50,069 --> 00:58:46,720

when

1578

00:58:51,990 --> 00:58:50,079

the electric universe

1579

00:58:54,309 --> 00:58:52,000

revolution takes place because it is a

1580

00:58:56,549 --> 00:58:54,319

revolution that's unparalleled

1581

00:58:57,349 --> 00:58:56,559

the understanding it's a cultural shift

1582

00:58:59,109 --> 00:58:57,359

as big as

1583

00:59:00,470 --> 00:58:59,119

anything or probably bigger than

1584

00:59:03,349 --> 00:59:00,480

anything in the past

1585

00:59:04,150 --> 00:59:03,359

because at last we understand what our

1586

00:59:06,150 --> 00:59:04,160

ancient

1587

00:59:07,589 --> 00:59:06,160

forefathers were desperate for us to

1588

00:59:10,230 --> 00:59:07,599

learn

1589

00:59:11,670 --> 00:59:10,240

and in the process we begin to

1590

00:59:13,270 --> 00:59:11,680

understand our real place in the

1591

00:59:14,630 --> 00:59:13,280

universe and our perspective on

1592

00:59:17,510 --> 00:59:14,640

everything

1593

00:59:18,549 --> 00:59:17,520

will change and that change will be for

1594

00:59:22,309 --> 00:59:18,559

the better

1595

00:59:25,349 --> 00:59:22,319

simply because we recognize ourselves as

1596

00:59:28,549 --> 00:59:25,359

conscious beings in a conscious universe

1597

00:59:29,109 --> 00:59:28,559

with a purpose and most people today

1598

00:59:32,150 --> 00:59:29,119

have

1599

00:59:33,670 --> 00:59:32,160

no purpose they sort of make they try

1600

00:59:36,390 --> 00:59:33,680

and fill their days with

1601
00:59:37,990 --> 00:59:36,400
either acquisition of things or

1602
00:59:42,150 --> 00:59:38,000
entertainment

1603
00:59:44,470 --> 00:59:42,160
whereas if they could follow

1604
00:59:46,150 --> 00:59:44,480
find and follow their purpose their life

1605
00:59:47,670 --> 00:59:46,160
would be fulfilling and we wouldn't have

1606
00:59:49,430 --> 00:59:47,680
all of the divisions and

1607
00:59:51,109 --> 00:59:49,440
all the nonsense that's going on right

1608
00:59:54,069 --> 00:59:51,119
now

1609
00:59:55,190 --> 00:59:54,079
this is my hope for the future and uh at

1610
00:59:59,990 --> 00:59:55,200
present i'm writing

1611
01:00:01,430 --> 01:00:00,000
the book which will lay all of this out

1612
01:00:03,109 --> 01:00:01,440
yes i heard you mentioned that in a

1613
01:00:05,510 --> 01:00:03,119

previous interview

1614

01:00:07,190 --> 01:00:05,520

what more can you say about this next

1615

01:00:08,950 --> 01:00:07,200

book because it seems to be

1616

01:00:11,109 --> 01:00:08,960

one that is going to look at many

1617

01:00:11,829 --> 01:00:11,119

different aspects and try to take that

1618

01:00:14,630 --> 01:00:11,839

full-on

1619

01:00:16,150 --> 01:00:14,640

holistic approach to kind of explaining

1620

01:00:18,069 --> 01:00:16,160

everything that's the gist that i

1621

01:00:19,349 --> 01:00:18,079

seem to be picking up on yes this book

1622

01:00:21,589 --> 01:00:19,359

will be different to

1623

01:00:22,470 --> 01:00:21,599

the things i've written in the past

1624

01:00:25,510 --> 01:00:22,480

because

1625

01:00:26,870 --> 01:00:25,520

i've got a research assistant who is

1626

01:00:29,750 --> 01:00:26,880

doing an amazing job

1627

01:00:30,710 --> 01:00:29,760

in tracking down the differences the

1628

01:00:32,789 --> 01:00:30,720

history

1629

01:00:33,910 --> 01:00:32,799

of ideas and showing how the electric

1630

01:00:35,990 --> 01:00:33,920

universe

1631

01:00:38,470 --> 01:00:36,000

at every step has been able to either

1632

01:00:41,990 --> 01:00:38,480

predict or explain things simply

1633

01:00:45,589 --> 01:00:42,000

while the mainstream view of things the

1634

01:00:48,549 --> 01:00:45,599

conventional consensus view has

1635

01:00:50,470 --> 01:00:48,559

only hit one brick wall after another

1636

01:00:51,030 --> 01:00:50,480

and been unsuccessful in predicting

1637

01:00:56,150 --> 01:00:51,040

anything

1638

01:00:58,230 --> 01:00:56,160

that's been written before but because

1639

01:01:00,630 --> 01:00:58,240

it has this historical background and

1640

01:01:03,750 --> 01:01:00,640

looking at

1641

01:01:04,710 --> 01:01:03,760

characters in the past it should be very

1642

01:01:06,470 --> 01:01:04,720

readable

1643

01:01:07,990 --> 01:01:06,480

you don't need any mathematics all you

1644

01:01:09,030 --> 01:01:08,000

need to do is to be able to piece

1645

01:01:13,190 --> 01:01:09,040

together

1646

01:01:15,270 --> 01:01:13,200

a coherent story which shows everything

1647

01:01:17,190 --> 01:01:15,280

like a huge jigsaw puzzle with all the

1648

01:01:19,030 --> 01:01:17,200

pieces in place so that you actually see

1649

01:01:22,069 --> 01:01:19,040

the entire picture

1650

01:01:24,069 --> 01:01:22,079

modern science today is a whole set of

1651
01:01:25,270 --> 01:01:24,079
jigsaw pieces you know scattered on the

1652
01:01:28,710 --> 01:01:25,280
floor

1653
01:01:32,390 --> 01:01:31,030
right on well just so much information

1654
01:01:33,510 --> 01:01:32,400
one of the last things i wanted to ask

1655
01:01:35,430 --> 01:01:33,520
you about was

1656
01:01:37,270 --> 01:01:35,440
the grid obviously tesla had some

1657
01:01:37,990 --> 01:01:37,280
thoughts but given what you know about

1658
01:01:40,710 --> 01:01:38,000
electricity

1659
01:01:42,230 --> 01:01:40,720
would you rework our power grid are we

1660
01:01:45,109 --> 01:01:42,240
going about harnessing it

1661
01:01:46,309 --> 01:01:45,119
the wrong way are we vulnerable to the

1662
01:01:48,390 --> 01:01:46,319
sun's energy

1663
01:01:51,109 --> 01:01:48,400

in that regard what do you think about

1664

01:01:52,870 --> 01:01:51,119

the way we harness electricity

1665

01:01:54,950 --> 01:01:52,880

here on the planet and maybe how we

1666

01:01:59,029 --> 01:01:54,960

could do it better

1667

01:02:01,910 --> 01:01:59,039

it's pretty primitive in many regards

1668

01:02:02,870 --> 01:02:01,920

the sapphire experiment has shown that

1669

01:02:05,430 --> 01:02:02,880

we can produce

1670

01:02:06,069 --> 01:02:05,440

power supplies of almost any size you

1671

01:02:09,589 --> 01:02:06,079

want

1672

01:02:13,750 --> 01:02:09,599

it's scalable so you could power

1673

01:02:16,870 --> 01:02:13,760

cities or neighborhoods or whatever

1674

01:02:20,870 --> 01:02:16,880

you would not need in fact it would be

1675

01:02:23,510 --> 01:02:20,880

a waste of money having national grids

1676

01:02:23,990 --> 01:02:23,520

you don't need to do that you can

1677

01:02:27,109 --> 01:02:24,000

provide

1678

01:02:28,950 --> 01:02:27,119

power on a very localized basis

1679

01:02:30,470 --> 01:02:28,960

it would also make a huge difference

1680

01:02:30,789 --> 01:02:30,480

down here in australia because of all

1681

01:02:33,270 --> 01:02:30,799

the

1682

01:02:34,710 --> 01:02:33,280

bushfires serious bushfires that are

1683

01:02:38,069 --> 01:02:34,720

started by

1684

01:02:39,349 --> 01:02:38,079

transmission lines that fail or arc to

1685

01:02:42,230 --> 01:02:39,359

the ground

1686

01:02:43,750 --> 01:02:42,240

yeah california too yeah but that's

1687

01:02:46,309 --> 01:02:43,760

really interesting so just

1688

01:02:47,670 --> 01:02:46,319

before i let you go if you were to

1689

01:02:51,910 --> 01:02:47,680

approach

1690

01:02:53,589 --> 01:02:51,920

the task of powering a neighborhood

1691

01:02:55,589 --> 01:02:53,599

with what you've discovered in the

1692

01:02:59,589 --> 01:02:55,599

sapphire project

1693

01:03:03,589 --> 01:02:59,599

how much room would you need for that

1694

01:03:05,829 --> 01:03:03,599

device or that mini electric star

1695

01:03:07,430 --> 01:03:05,839

to power a neighborhood and and how

1696

01:03:08,950 --> 01:03:07,440

would it get to the houses just through

1697

01:03:12,150 --> 01:03:08,960

typical wiring through this

1698

01:03:12,789 --> 01:03:12,160

to the central electric star yes there's

1699

01:03:15,670 --> 01:03:12,799

no

1700

01:03:17,190 --> 01:03:15,680

need to make it complicated you just use

1701
01:03:20,630 --> 01:03:17,200
wiring

1702
01:03:22,630 --> 01:03:20,640
to the people who need it or the

1703
01:03:25,829 --> 01:03:22,640
industry or devices or whatever

1704
01:03:29,510 --> 01:03:25,839
that needs it and the

1705
01:03:32,309 --> 01:03:29,520
sapphire reactor is quite compact

1706
01:03:32,789 --> 01:03:32,319
you know so you could have i suppose

1707
01:03:34,549 --> 01:03:32,799
something

1708
01:03:36,549 --> 01:03:34,559
the size of a shipping container could

1709
01:03:40,150 --> 01:03:36,559
do quite a number of

1710
01:03:42,150 --> 01:03:40,160
houses i would imagine wow and tesla

1711
01:03:44,870 --> 01:03:42,160
seemed to think there was a way to

1712
01:03:46,230 --> 01:03:44,880
get electricity wirelessly could that be

1713
01:03:50,230 --> 01:03:46,240

implemented or is that

1714

01:03:52,150 --> 01:03:50,240

not really no no i'm not interested in

1715

01:03:54,470 --> 01:03:52,160

interfering with the electromagnetic

1716

01:03:58,309 --> 01:03:54,480

spectrum it's already a mess

1717

01:04:00,870 --> 01:03:58,319

and no biologist knows what effect

1718

01:04:02,950 --> 01:04:00,880

an electromagnetic signal will have on a

1719

01:04:05,109 --> 01:04:02,960

biological system

1720

01:04:07,270 --> 01:04:05,119

simply because they don't understand the

1721

01:04:10,069 --> 01:04:07,280

sort of quantum level resonant

1722

01:04:11,990 --> 01:04:10,079

structures and signaling that goes on in

1723

01:04:13,510 --> 01:04:12,000

a biological system

1724

01:04:15,510 --> 01:04:13,520

i think the only reason we've survived

1725

01:04:16,870 --> 01:04:15,520

so long is that the signaling is the

1726

01:04:18,950 --> 01:04:16,880

same kind

1727

01:04:20,549 --> 01:04:18,960

as tesla was using that is the

1728

01:04:23,750 --> 01:04:20,559

longitudinal

1729

01:04:25,589 --> 01:04:23,760

wave type signaling and

1730

01:04:28,789 --> 01:04:25,599

when i say wave it's not actually a wave

1731

01:04:32,069 --> 01:04:30,710

so there is no such thing as a

1732

01:04:35,589 --> 01:04:32,079

gravitational wave

1733

01:04:38,470 --> 01:04:35,599

as such right yeah

1734

01:04:40,390 --> 01:04:38,480

i mean that's interesting our our phone

1735

01:04:41,190 --> 01:04:40,400

company is and electric companies they

1736

01:04:43,589 --> 01:04:41,200

seem to just

1737

01:04:45,349 --> 01:04:43,599

willy-nilly throw out all kinds of uh

1738

01:04:48,470 --> 01:04:45,359

signals into our environment

1739

01:04:50,390 --> 01:04:48,480

oh yes yes elon musk's trying to do his

1740

01:04:51,910 --> 01:04:50,400

star net thing it's like i don't know

1741

01:04:53,029 --> 01:04:51,920

that is so safe because there is a

1742

01:04:55,990 --> 01:04:53,039

relationship between

1743

01:04:56,630 --> 01:04:56,000

biology and electricity it's not safe

1744

01:04:59,109 --> 01:04:56,640

because

1745

01:05:01,190 --> 01:04:59,119

they don't understand what they're doing

1746

01:05:03,829 --> 01:05:01,200

the biologists don't understand

1747

01:05:05,270 --> 01:05:03,839

life and the radiation guys don't

1748

01:05:08,309 --> 01:05:05,280

understand

1749

01:05:09,829 --> 01:05:08,319

what what the connection is between an

1750

01:05:12,420 --> 01:05:09,839

electromagnetic signal

1751

01:05:13,589 --> 01:05:12,430

and one of these biological signals

1752

01:05:15,109 --> 01:05:13,599

[Music]

1753

01:05:17,829 --> 01:05:15,119

well we got all kinds of problems to

1754

01:05:19,750 --> 01:05:17,839

work out it seems but oh yes yes

1755

01:05:22,150 --> 01:05:19,760

one of the exciting things for me is

1756

01:05:24,470 --> 01:05:22,160

that the number of questions that i

1757

01:05:25,670 --> 01:05:24,480

raise and the possibilities that i put

1758

01:05:28,230 --> 01:05:25,680

forward

1759

01:05:30,710 --> 01:05:28,240

could keep multiple universities going

1760

01:05:33,990 --> 01:05:30,720

for a century

1761

01:05:36,309 --> 01:05:34,000

i agree definitely but this has been a

1762

01:05:37,349 --> 01:05:36,319

serious pleasure once again i definitely

1763

01:05:39,190 --> 01:05:37,359

think there are

1764

01:05:41,349 --> 01:05:39,200

many alternative areas of study that

1765

01:05:41,910 --> 01:05:41,359

seem to be overlapping and coming to

1766

01:05:44,390 --> 01:05:41,920

similar

1767

01:05:46,390 --> 01:05:44,400

understandings way more often than i was

1768

01:05:47,109 --> 01:05:46,400

seeing even five years ago when we last

1769

01:05:48,950 --> 01:05:47,119

talked so

1770

01:05:50,549 --> 01:05:48,960

it's an exciting time to be alive i

1771

01:05:51,990 --> 01:05:50,559

would say thanks for

1772

01:05:54,309 --> 01:05:52,000

taking the time to share your thoughts

1773

01:05:55,589 --> 01:05:54,319

with us before we call it in give people

1774

01:05:57,829 --> 01:05:55,599

any information

1775

01:05:59,109 --> 01:05:57,839

they might need important links or

1776

01:06:01,349 --> 01:05:59,119

anything to follow up

1777

01:06:02,710 --> 01:06:01,359

on what you might have going on in the

1778

01:06:04,230 --> 01:06:02,720

future on top of that book you're

1779

01:06:06,750 --> 01:06:04,240

working on

1780

01:06:08,630 --> 01:06:06,760

well the main public interface is

1781

01:06:11,349 --> 01:06:08,640

thunderbolts.info

1782

01:06:12,789 --> 01:06:11,359

my own website which is being looked

1783

01:06:16,829 --> 01:06:12,799

after by the same

1784

01:06:19,349 --> 01:06:16,839

outfit i'm pleased to say is

1785

01:06:22,230 --> 01:06:19,359

holoscience.com

1786

01:06:23,270 --> 01:06:22,240

if people want to follow the progress of

1787

01:06:28,230 --> 01:06:23,280

the

1788

01:06:31,349 --> 01:06:28,240

orion.ca

1789

01:06:35,510 --> 01:06:31,359

for canada a u r e o

1790

01:06:37,510 --> 01:06:35,520

n dot c a very cool

1791

01:06:39,430 --> 01:06:37,520

great resources and people if you

1792

01:06:41,829 --> 01:06:39,440

haven't read the electric universe book

1793

01:06:42,870 --> 01:06:41,839

by now it's been out a decade it's about

1794

01:06:45,510 --> 01:06:42,880

time

1795

01:06:47,349 --> 01:06:45,520

but man this has been a lot of fun your

1796

01:06:48,710 --> 01:06:47,359

work and time is very much appreciated

1797

01:06:49,910 --> 01:06:48,720

keep doing what you do out there and

1798

01:06:53,910 --> 01:06:49,920

take care

1799

01:06:58,950 --> 01:06:56,150

oh my my good people of the internet the

1800

01:07:02,789 --> 01:06:58,960

return of the thunderbolts project

1801
01:07:05,430 --> 01:07:02,799
co-parent wal thornhill riding along the

1802
01:07:07,589 --> 01:07:05,440
cutting edge of the new paradigm

1803
01:07:09,430 --> 01:07:07,599
and for me the electric universe model

1804
01:07:12,630 --> 01:07:09,440
does feel right or at least way

1805
01:07:17,990 --> 01:07:12,640
more right than the conventional one

1806
01:07:22,069 --> 01:07:21,349
no mathematical gymnastics no needing to

1807
01:07:25,190 --> 01:07:22,079
shoehorn

1808
01:07:27,510 --> 01:07:25,200
in equations to get the pieces to fit

1809
01:07:28,390 --> 01:07:27,520
it just seems to make sense and it's a

1810
01:07:31,510 --> 01:07:28,400
much more

1811
01:07:33,829 --> 01:07:31,520
elegant and simplified model kind of

1812
01:07:34,309 --> 01:07:33,839
jobs with the hollow fractal stuff too i

1813
01:07:37,430 --> 01:07:34,319

mean

1814

01:07:40,870 --> 01:07:37,440

as above so below the same

1815

01:07:43,109 --> 01:07:40,880

principles of nature at different scales

1816

01:07:45,270 --> 01:07:43,119

i'm into it and it was great to get

1817

01:07:47,029 --> 01:07:45,280

deeper into the sapphire project too

1818

01:07:50,789 --> 01:07:47,039

something that's been mentioned here

1819

01:07:52,549 --> 01:07:50,799

many times the old plasma star in a jar

1820

01:07:54,789 --> 01:07:52,559

sounds like the experiment was an

1821

01:07:57,029 --> 01:07:54,799

over-the-top success

1822

01:07:58,309 --> 01:07:57,039

i am excited to see that turn into a new

1823

01:08:01,430 --> 01:07:58,319

energy source that

1824

01:08:02,710 --> 01:08:01,440

makes its way onto the main stage in so

1825

01:08:04,870 --> 01:08:02,720

many areas i think

1826

01:08:06,870 --> 01:08:04,880

conventional models are at the end of

1827

01:08:09,109 --> 01:08:06,880

the road and the people who have bought

1828

01:08:12,309 --> 01:08:09,119

into them are scratching their heads and

1829

01:08:13,190 --> 01:08:12,319

the alternatives are catching up maybe

1830

01:08:16,390 --> 01:08:13,200

i'm in a bit of an

1831

01:08:19,510 --> 01:08:16,400

alternative bubble but it feels like

1832

01:08:21,669 --> 01:08:19,520

we're making progress also today the

1833

01:08:25,829 --> 01:08:21,679

living plasma stuff was fun

1834

01:08:29,110 --> 01:08:25,839

bashing industrialized education was fun

1835

01:08:30,870 --> 01:08:29,120

and biological transmutation

1836

01:08:32,789 --> 01:08:30,880

also some really good points were made

1837

01:08:35,990 --> 01:08:32,799

about that maybe we don't have to look

1838

01:08:37,829 --> 01:08:36,000

that hard to find evidence of alchemy

1839

01:08:39,590 --> 01:08:37,839

i've been so focused on the outer world

1840

01:08:40,550 --> 01:08:39,600

but it seems like it's been right there

1841

01:08:44,229 --> 01:08:40,560

in the inner world

1842

01:08:45,829 --> 01:08:44,239

all along i like that

1843

01:08:48,470 --> 01:08:45,839

maybe there were a couple of places

1844

01:08:50,149 --> 01:08:48,480

where my question started to get a bit

1845

01:08:53,669 --> 01:08:50,159

too radical but hey

1846

01:08:56,149 --> 01:08:53,679

we ask so that we can find the line

1847

01:08:57,910 --> 01:08:56,159

i wanted to talk to wahl again but of

1848

01:09:00,789 --> 01:08:57,920

course never want to rehash

1849

01:09:02,709 --> 01:09:00,799

the same stuff we've talked about before

1850

01:09:03,669 --> 01:09:02,719

so i didn't want to get too fundamental

1851

01:09:06,309 --> 01:09:03,679

about the

1852

01:09:08,070 --> 01:09:06,319

overall electric universe model but

1853

01:09:09,189 --> 01:09:08,080

there are still a lot of things on the

1854

01:09:11,510 --> 01:09:09,199

edges that we

1855

01:09:13,030 --> 01:09:11,520

got to talk about that help me to fill

1856

01:09:15,910 --> 01:09:13,040

in the picture

1857

01:09:17,829 --> 01:09:15,920

and how about that little side note that

1858

01:09:19,990 --> 01:09:17,839

the person who coined the term plasma

1859

01:09:22,149 --> 01:09:20,000

was defining ionized gas

1860

01:09:23,910 --> 01:09:22,159

which relates to george wiseman in the

1861

01:09:26,950 --> 01:09:23,920

plasma state of water

1862

01:09:28,470 --> 01:09:26,960

ionized brown's gas maybe that's a

1863

01:09:31,749 --> 01:09:28,480

little basic maybe that's

1864

01:09:33,669 --> 01:09:31,759

high school science 101 maybe everyone

1865

01:09:36,550 --> 01:09:33,679

knows that plasma is

1866

01:09:38,870 --> 01:09:36,560

technically ionized gas but i thought it

1867

01:09:40,550 --> 01:09:38,880

was a nice sink

1868

01:09:43,430 --> 01:09:40,560

lots of people have been asking me for

1869

01:09:45,510 --> 01:09:43,440

updates on the aqua cure machine

1870

01:09:48,149 --> 01:09:45,520

for me it's still a little too early to

1871

01:09:50,309 --> 01:09:48,159

say i've only worked up to the full 20

1872

01:09:53,349 --> 01:09:50,319

minute sessions three times a day

1873

01:09:53,749 --> 01:09:53,359

for a couple of days now my sinuses have

1874

01:09:55,750 --> 01:09:53,759

been

1875

01:09:58,310 --> 01:09:55,760

really terrible lately maybe you can

1876

01:09:59,350 --> 01:09:58,320

tell so i'm hoping to get some relief

1877

01:10:00,870 --> 01:09:59,360

there

1878

01:10:02,870 --> 01:10:00,880

i don't think this is something that's

1879

01:10:05,030 --> 01:10:02,880

gonna heal my deaf ear i really didn't

1880

01:10:07,189 --> 01:10:05,040

think that was gonna happen

1881

01:10:09,350 --> 01:10:07,199

that's probably gonna be soul retrieval

1882

01:10:12,390 --> 01:10:09,360

through shamanic healing

1883

01:10:14,870 --> 01:10:12,400

whole another story but with the aqua

1884

01:10:16,149 --> 01:10:14,880

cure i would be completely satisfied if

1885

01:10:18,310 --> 01:10:16,159

i just never had

1886

01:10:19,990 --> 01:10:18,320

bad sinuses again that is what i'm

1887

01:10:22,229 --> 01:10:20,000

looking for

1888

01:10:23,350 --> 01:10:22,239

i could say that the 20-minute sessions

1889

01:10:26,229 --> 01:10:23,360

do

1890

01:10:28,070 --> 01:10:26,239

make me feel maybe a little light-headed

1891

01:10:28,390 --> 01:10:28,080

i could say that i do feel like i have

1892

01:10:30,390 --> 01:10:28,400

some

1893

01:10:33,110 --> 01:10:30,400

excess energy which is great because i'm

1894

01:10:35,750 --> 01:10:33,120

usually running on fumes

1895

01:10:37,270 --> 01:10:35,760

i give the bubbled water to the pets and

1896

01:10:38,229 --> 01:10:37,280

i don't really know how to assess how

1897

01:10:41,510 --> 01:10:38,239

that's going

1898

01:10:43,830 --> 01:10:41,520

the cats were and still are fine the dog

1899

01:10:45,430 --> 01:10:43,840

is 15 years old and has had a really

1900

01:10:48,310 --> 01:10:45,440

rough time getting around

1901

01:10:49,189 --> 01:10:48,320

the past six months and for the last

1902

01:10:52,070 --> 01:10:49,199

three months

1903

01:10:54,070 --> 01:10:52,080

she's had seizures pretty much every 30

1904

01:10:56,149 --> 01:10:54,080

to 35 days

1905

01:10:57,430 --> 01:10:56,159

and so that's something we can actually

1906

01:11:00,070 --> 01:10:57,440

check and see

1907

01:11:01,350 --> 01:11:00,080

if we can make some progress on it's

1908

01:11:03,830 --> 01:11:01,360

measurable

1909

01:11:06,070 --> 01:11:03,840

but the problem is that the brown's gas

1910

01:11:07,669 --> 01:11:06,080

bubbled water is not the only change

1911

01:11:10,830 --> 01:11:07,679

we've made she's getting

1912

01:11:12,070 --> 01:11:10,840

more cbd and other natural seizure

1913

01:11:13,830 --> 01:11:12,080

remedies

1914

01:11:15,910 --> 01:11:13,840

same with my sinuses though i've been

1915

01:11:18,310 --> 01:11:15,920

cutting way back on alcohol which

1916

01:11:18,950 --> 01:11:18,320

contains histamine in most cases and i

1917

01:11:21,510 --> 01:11:18,960

got a new

1918

01:11:22,149 --> 01:11:21,520

allergy mushroom blend kind of thing so

1919

01:11:24,870 --> 01:11:22,159

again

1920

01:11:26,149 --> 01:11:24,880

it is hard to peg a fix to one thing or

1921

01:11:27,990 --> 01:11:26,159

another

1922

01:11:29,750 --> 01:11:28,000

but george was really convincing to me

1923

01:11:30,470 --> 01:11:29,760

and he says now that he's sold out he's

1924

01:11:34,310 --> 01:11:30,480

on a seven

1925

01:11:36,310 --> 01:11:34,320

week delay so huge response from us

1926

01:11:37,830 --> 01:11:36,320

i hope those machines do help a lot of

1927

01:11:40,870 --> 01:11:37,840

people

1928

01:11:42,790 --> 01:11:40,880

the sad thing to me is just how

1929

01:11:45,189 --> 01:11:42,800

this shows how many people have issues

1930

01:11:46,470 --> 01:11:45,199

and can't get solves from conventional

1931

01:11:49,910 --> 01:11:46,480

medicine

1932

01:11:52,709 --> 01:11:49,920

i know that price tag was steep and

1933

01:11:53,669 --> 01:11:52,719

as i said definitely let thc be the

1934

01:11:56,550 --> 01:11:53,679

introduction

1935

01:11:58,950 --> 01:11:56,560

to george wiseman and the aqua cure but

1936

01:12:00,870 --> 01:11:58,960

don't let it be the end of the research

1937

01:12:03,270 --> 01:12:00,880

that's too much pressure for me

1938

01:12:05,030 --> 01:12:03,280

do more digging before you buy a 2 000

1939

01:12:06,870 --> 01:12:05,040

machine

1940

01:12:08,790 --> 01:12:06,880

and it's been a few weeks and so far

1941

01:12:12,070 --> 01:12:08,800

nobody has sent me

1942

01:12:14,630 --> 01:12:12,080

any legitimate negative reviews

1943

01:12:18,229 --> 01:12:14,640

or breakdowns of the machine that say

1944

01:12:20,870 --> 01:12:18,239

it's not legitimate so i feel good

1945

01:12:22,630 --> 01:12:20,880

anyone can say oh you're a shill or this

1946

01:12:23,830 --> 01:12:22,640

is snake oil

1947

01:12:26,310 --> 01:12:23,840

but i'm talking about some kind of

1948

01:12:29,350 --> 01:12:26,320

legitimate detailed

1949

01:12:30,229 --> 01:12:29,360

breakdown that makes a case that this is

1950

01:12:33,030 --> 01:12:30,239

a fraud and

1951

01:12:34,950 --> 01:12:33,040

that i haven't seen hell of a tangent

1952

01:12:37,830 --> 01:12:34,960

but yes i feel good

1953

01:12:39,590 --> 01:12:37,840

let me go a few more weeks and we'll see

1954

01:12:40,630 --> 01:12:39,600

i just wanted to slide a little update

1955

01:12:43,750 --> 01:12:40,640

in there because

1956

01:12:44,149 --> 01:12:43,760

plasma did come up but i'm a big fan of

1957

01:12:47,030 --> 01:12:44,159

wall

1958

01:12:48,709 --> 01:12:47,040

he is a good sport willing to talk about

1959

01:12:50,709 --> 01:12:48,719

some pretty far out stuff

1960

01:12:53,510 --> 01:12:50,719

while still remaining a serious

1961

01:12:54,630 --> 01:12:53,520

scientific person not an easy line to

1962

01:12:56,390 --> 01:12:54,640

walk

1963

01:12:58,070 --> 01:12:56,400

and we got into some great additional

1964

01:12:59,270 --> 01:12:58,080

stuff in the plush show if you missed

1965

01:13:01,430 --> 01:12:59,280

the second half

1966

01:13:02,310 --> 01:13:01,440

we talked about how the earth's

1967

01:13:04,790 --> 01:13:02,320

saltwater

1968

01:13:07,189 --> 01:13:04,800

came from the rings of saturn ancient

1969

01:13:08,070 --> 01:13:07,199

accounts of two suns or saturn is the

1970

01:13:09,830 --> 01:13:08,080

sun

1971

01:13:12,630 --> 01:13:09,840

what signs have been observed that

1972

01:13:14,709 --> 01:13:12,640

relate to the electric universe model

1973

01:13:15,830 --> 01:13:14,719

cosmic rays coming from the antarctic

1974

01:13:17,590 --> 01:13:15,840

ice

1975

01:13:19,590 --> 01:13:17,600

how the scientific and academic

1976

01:13:21,590 --> 01:13:19,600

communities have responded

1977

01:13:23,669 --> 01:13:21,600

or not responded to the sapphire

1978

01:13:25,990 --> 01:13:23,679

project's results

1979

01:13:28,149 --> 01:13:26,000

how the electric universe model handles

1980

01:13:29,350 --> 01:13:28,159

so many bodies out there but only life

1981

01:13:31,350 --> 01:13:29,360

on earth

1982

01:13:33,110 --> 01:13:31,360

how the moon landing could have happened

1983

01:13:34,070 --> 01:13:33,120

while working with such an incorrect

1984

01:13:35,910 --> 01:13:34,080

model

1985

01:13:37,430 --> 01:13:35,920

other clues that are on saturn and

1986

01:13:39,430 --> 01:13:37,440

jupiter's moons

1987

01:13:40,950 --> 01:13:39,440

what the electric universe model says

1988

01:13:44,630 --> 01:13:40,960

about saturn's

1989

01:13:48,149 --> 01:13:44,640

hexagonal polar storm and walls thoughts

1990

01:13:50,149 --> 01:13:48,159

on a potential grand solar minimum

1991

01:13:51,910 --> 01:13:50,159

intriguing and provocative stuff added

1992

01:13:53,990 --> 01:13:51,920

to the stack

1993

01:13:55,750 --> 01:13:54,000

nothing new here we do it week after

1994

01:13:58,229 --> 01:13:55,760

week don't know why eight dollars would

1995

01:14:00,149 --> 01:13:58,239

keep you from hearing the whole thing

1996

01:14:01,510 --> 01:14:00,159

but you've heard it all before sign up

1997

01:14:03,669 --> 01:14:01,520

for the plus

1998

01:14:06,070 --> 01:14:03,679

in times like these it is a small but

1999

01:14:07,910 --> 01:14:06,080

meaningful revolutionary act

2000

01:14:10,470 --> 01:14:07,920

feed the things you want to grow and

2001

01:14:12,390 --> 01:14:10,480

starve the things you want to go

2002

01:14:14,870 --> 01:14:12,400

and if you can't do that at least share

2003

01:14:17,910 --> 01:14:14,880

the show i don't request that very often

2004

01:14:19,510 --> 01:14:17,920

because the show does what it does and i

2005

01:14:21,750 --> 01:14:19,520

do all right

2006

01:14:24,149 --> 01:14:21,760

but every new listener is a greater

2007

01:14:25,550 --> 01:14:24,159

impact for our guests and some of the

2008

01:14:28,229 --> 01:14:25,560

revolutionary

2009

01:14:29,510 --> 01:14:28,239

paradigm-changing things they bring up

2010

01:14:35,189 --> 01:14:29,520

it all helps to

2011

01:14:37,830 --> 01:14:35,199

little fuel on the alternative fire

2012

01:14:40,950 --> 01:14:37,840

again i think we are making inroads in

2013

01:14:43,669 --> 01:14:40,960

so many different areas and the system

2014

01:14:45,350 --> 01:14:43,679

is stagnant it's a beautiful thing i

2015

01:14:47,990 --> 01:14:45,360

don't know why i'm all fired up but i

2016

01:14:49,030 --> 01:14:48,000

am these are the ideas that will build

2017

01:14:50,709 --> 01:14:49,040

the new world

2018

01:14:52,390 --> 01:14:50,719

i have really started to believe that

2019

01:14:54,229 --> 01:14:52,400

because all the conventional

2020

01:14:56,470 --> 01:14:54,239

western industrialized corporate

2021

01:14:59,830 --> 01:14:56,480

processes models and products

2022

01:15:03,030 --> 01:14:59,840

are failing you play a big hand

2023

01:15:05,350 --> 01:15:03,040

and you show your cards

2024

01:15:06,630 --> 01:15:05,360

i mean even ones that are still thriving

2025

01:15:10,470 --> 01:15:06,640

like amazon

2026

01:15:13,270 --> 01:15:10,480

they're definitely losing the pr war

2027

01:15:14,550 --> 01:15:13,280

their employees and their customers hate

2028

01:15:16,870 --> 01:15:14,560

them

2029

01:15:18,790 --> 01:15:16,880

so if we actually voted with our dollar

2030

01:15:21,990 --> 01:15:18,800

we could change it all

2031

01:15:23,750 --> 01:15:22,000

yadda yadda good times today though

2032

01:15:25,750 --> 01:15:23,760

clearly me and wall have a bit of a

2033

01:15:27,669 --> 01:15:25,760

disagreement on the moon landing

2034

01:15:28,790 --> 01:15:27,679

i would think the fact that their models

2035

01:15:31,990 --> 01:15:28,800

are so wrong

2036

01:15:33,189 --> 01:15:32,000

would only add to the stack of how that

2037

01:15:36,550 --> 01:15:33,199

mission

2038

01:15:38,470 --> 01:15:36,560

actually could realistically be possible

2039

01:15:41,590 --> 01:15:38,480

but walt was a lot closer to the data at

2040

01:15:43,750 --> 01:15:41,600

the time and is a lot smarter than i am

2041

01:15:44,709 --> 01:15:43,760

he also made a good point that new

2042

01:15:46,470 --> 01:15:44,719

knowledge

2043

01:15:48,870 --> 01:15:46,480

that apparently came out of the apollo

2044

01:15:50,550 --> 01:15:48,880

missions was contradictory to what they

2045

01:15:52,709 --> 01:15:50,560

expected

2046

01:15:54,550 --> 01:15:52,719

and that is a good point that supports

2047

01:15:56,149 --> 01:15:54,560

wahl's position but my counterpoints

2048

01:15:59,030 --> 01:15:56,159

would be

2049

01:16:01,270 --> 01:15:59,040

well maybe they had to show some new

2050

01:16:01,910 --> 01:16:01,280

discoveries to validate the reasoning

2051

01:16:05,750 --> 01:16:01,920

for

2052

01:16:07,270 --> 01:16:05,760

money

2053

01:16:09,030 --> 01:16:07,280

maybe they made discoveries through

2054

01:16:11,110 --> 01:16:09,040

other means that

2055

01:16:13,350 --> 01:16:11,120

pushed them to alter their models and

2056

01:16:15,910 --> 01:16:13,360

they just used the apollo missions

2057

01:16:17,110 --> 01:16:15,920

as a window of opportunity to implement

2058

01:16:18,790 --> 01:16:17,120

them

2059

01:16:20,149 --> 01:16:18,800

or maybe we went to the moon with

2060

01:16:21,110 --> 01:16:20,159

technology that they didn't want to

2061

01:16:23,030 --> 01:16:21,120

disclose

2062

01:16:24,470 --> 01:16:23,040

and the secret space program is alive

2063

01:16:26,390 --> 01:16:24,480

and well

2064

01:16:28,149 --> 01:16:26,400

who knows really but i at least liked

2065

01:16:30,070 --> 01:16:28,159

asking wall about it and he made some

2066

01:16:31,830 --> 01:16:30,080

good points

2067

01:16:34,070 --> 01:16:31,840

follow up with the thunderbolts project

2068

01:16:35,910 --> 01:16:34,080

and the sapphire project websites if you

2069

01:16:37,270 --> 01:16:35,920

want to stay current on what they got

2070

01:16:39,189 --> 01:16:37,280

going on

2071

01:16:40,630 --> 01:16:39,199

talk to your city council about getting

2072

01:16:42,229 --> 01:16:40,640

a star in the jar to power the

2073

01:16:44,229 --> 01:16:42,239

neighborhood

2074

01:16:45,510 --> 01:16:44,239

i had a good time i hope you did too

2075

01:16:46,950 --> 01:16:45,520

take care of you and yours and i'm

2076

01:16:48,790 --> 01:16:46,960

getting out of here

2077

01:16:51,110 --> 01:16:48,800

your move stubborn scientists

2078

01:16:54,550 --> 01:16:51,120

industrialized education institutions

2079

01:16:58,709 --> 01:16:54,560

and plasma cosmology concealers

2080

01:17:02,070 --> 01:16:58,719

your [h__h] move

2081

01:17:05,110 --> 01:17:02,080

woke up this morning with

2082

01:17:09,189 --> 01:17:05,120

light in my eyes

2083

01:17:13,110 --> 01:17:09,199

and then realized it was dark

2084

01:17:27,669 --> 01:17:15,790

it was light

2085

01:17:34,630 --> 01:17:30,870

must be those strangers that

2086

01:17:39,030 --> 01:17:34,640

come every night whose

2087

01:17:42,550 --> 01:17:39,040

sausage shaped light put people

2088

01:17:45,270 --> 01:17:42,560

up tight leave

2089

01:18:00,480 --> 01:17:52,340

[Music]

2090

01:18:02,149 --> 01:18:00,490

hey mr spaceman

2091

01:18:06,229 --> 01:18:02,159

[Music]

2092

01:18:10,830 --> 01:18:06,239

won't you please take me along

2093

01:18:21,410 --> 01:18:16,630

hey mr spaceman

2094

01:18:21,420 --> 01:18:25,030

[Music]

2095

01:18:32,310 --> 01:18:28,790

i woke along this morning i was

2096

01:18:40,070 --> 01:18:32,320

feeling quite weird i had

2097

01:18:43,189 --> 01:18:40,080

flies in my beard my toothpaste

2098

01:18:46,709 --> 01:18:43,199

opened my window they'd

2099

01:18:56,310 --> 01:18:46,719

written my name said

2100

01:18:56,320 --> 01:18:59,990

mr spaceman

2101

01:19:07,990 --> 01:19:03,990

won't you please take me alone

2102

01:19:14,390 --> 01:19:08,000

i won't do anything wrong

2103

01:19:22,470 --> 01:19:14,400

hey mr spaceman

2104

01:19:26,810 --> 01:19:22,480

won't you please take me along

2105

01:19:28,790 --> 01:19:26,820

hey mr spaceman

2106

01:19:32,790 --> 01:19:28,800

[Applause]

2107

01:19:38,510 --> 01:19:32,800

won't you please take me along

2108

01:19:43,270 --> 01:19:41,270

[Music]

2109

01:19:47,470 --> 01:19:43,280

[Applause]

2110

01:19:50,550 --> 01:19:47,480

won't you please take me along the

2111

01:19:53,240 --> 01:19:50,560

higher side

2112

01:19:54,630 --> 01:19:53,250

won't you please