

FADE TO BLACK

with **JIMMY CHURCH**
PRESENTS

JIMMY CHURCH
THE SECRETS OF TIME TRAVEL

MON JULY 11 LIVE

7:00 PM PT/10:00PM ET



1
00:02:49,820 --> 00:03:00,869

[Music]

2
00:03:06,790 --> 00:03:03,910

the smoke radio for the masses headline

3
00:03:08,630 --> 00:03:06,800

edition july 8th 1947

4
00:03:11,110 --> 00:03:08,640

the army air forces has announced that a

5
00:03:12,869 --> 00:03:11,120

flying disk has been found and is now in

6
00:03:15,589 --> 00:03:12,879

the possession of the army

7
00:03:17,509 --> 00:03:15,599

if the game is rigged change the game

8
00:03:20,390 --> 00:03:17,519

game changer

9
00:03:22,710 --> 00:03:20,400

i occasionally think how quickly

10
00:03:24,070 --> 00:03:22,720

our differences worldwide

11
00:03:26,789 --> 00:03:24,080

would vanish

12
00:03:30,110 --> 00:03:26,799

if we were facing an alien threat from

13
00:03:30,550 --> 00:03:30,120

outside this world

14

00:03:32,949 --> 00:03:30,560

[Applause]

15

00:03:35,750 --> 00:03:32,959

[Music]

16

00:03:38,470 --> 00:03:35,760

this is fade to black with your host

17

00:03:42,070 --> 00:03:38,480

jimmy church on the game changer radio

18

00:03:51,110 --> 00:03:46,380

i need your help to get to the year 1985

19

00:03:56,240 --> 00:03:53,110

you're listening to fate to flag with

20

00:03:59,030 --> 00:03:56,250

jimmy church on the game changer network

21

00:04:03,589 --> 00:03:59,040

[Music]

22

00:04:03,599 --> 00:04:07,910

is spoke radio

23

00:04:11,670 --> 00:04:09,670

for

24

00:04:13,670 --> 00:04:11,680

the

25

00:04:15,830 --> 00:04:13,680

masses

26
00:04:17,590 --> 00:04:15,840
yeah man how you doing how you doing

27
00:04:20,550 --> 00:04:17,600
today's monday

28
00:04:22,629 --> 00:04:20,560
monday july 11

29
00:04:23,590 --> 00:04:22,639
2022

30
00:04:28,750 --> 00:04:23,600
tonight

31
00:04:28,750 --> 00:04:28,760
it's all about time travel let's do this

32
00:04:37,030 --> 00:04:30,210
[Music]

33
00:04:38,790 --> 00:04:37,040
i would like to welcome everybody

34
00:04:41,590 --> 00:04:38,800
listening all around the world all

35
00:04:43,909 --> 00:04:41,600
across the united states

36
00:04:46,150 --> 00:04:43,919
hither and tether to and fro back and

37
00:04:47,990 --> 00:04:46,160
forth up and down east and west north

38
00:04:50,790 --> 00:04:48,000

and south

39

00:04:53,430 --> 00:04:50,800

far and near

40

00:04:56,390 --> 00:04:53,440

this is fade to black for kjcr the game

41

00:04:58,390 --> 00:04:56,400

changer and nx networks i'm your host

42

00:05:01,670 --> 00:04:58,400

jimmy church what is cracking everybody

43

00:05:04,390 --> 00:05:01,680

how you doing kicking off another great

44

00:05:07,350 --> 00:05:04,400

week here on fade to black

45

00:05:10,870 --> 00:05:07,360

starting it off tonight when we welcome

46

00:05:13,590 --> 00:05:10,880

very special guests

47

00:05:15,830 --> 00:05:13,600

me that's right i'm doing it again

48

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

tonight

49

00:05:20,550 --> 00:05:17,840

i'm enjoying

50

00:05:22,870 --> 00:05:20,560

these monday nights getting my

51

00:05:25,749 --> 00:05:22,880

brain released

52

00:05:29,110 --> 00:05:25,759

i'm gonna do that tonight on time travel

53

00:05:31,590 --> 00:05:29,120

we're doing all secrets week this week

54

00:05:32,790 --> 00:05:31,600

tonight it is the secrets of time travel

55

00:05:35,110 --> 00:05:32,800

tomorrow night

56

00:05:38,390 --> 00:05:35,120

scott walter is here

57

00:05:39,749 --> 00:05:38,400

for secret america and then wednesday

58

00:05:43,510 --> 00:05:39,759

night

59

00:05:48,310 --> 00:05:43,520

it's the return of kelly sullivan walden

60

00:05:50,550 --> 00:05:48,320

she's with us for the secrets of dreams

61

00:05:52,310 --> 00:05:50,560

and then thursday

62

00:05:53,990 --> 00:05:52,320

well it's another fader night with open

63

00:05:57,189 --> 00:05:54,000

lines all night long

64

00:05:59,110 --> 00:05:57,199

so what a great week this weekend i mean

65

00:06:00,950 --> 00:05:59,120

i just came off the most amazing weekend

66

00:06:04,469 --> 00:06:00,960

i've had in a long time

67

00:06:07,510 --> 00:06:04,479

and uh i very rarely have you know just

68

00:06:10,790 --> 00:06:07,520

time to do stuff but uh i i got a lot of

69

00:06:13,430 --> 00:06:10,800

things done and um i've got some pretty

70

00:06:15,029 --> 00:06:13,440

big announcements uh coming up starting

71

00:06:17,189 --> 00:06:15,039

uh tonight i'm gonna start announcing

72

00:06:18,790 --> 00:06:17,199

these things but um

73

00:06:20,870 --> 00:06:18,800

i want to go see

74

00:06:24,710 --> 00:06:20,880

patty labelle

75

00:06:25,670 --> 00:06:24,720

night with some friends a group of

76

00:06:27,029 --> 00:06:25,680

friends

77

00:06:29,909 --> 00:06:27,039

and

78

00:06:32,550 --> 00:06:29,919

patti labelle played literally across

79

00:06:34,309 --> 00:06:32,560

the street from my house uh a

80

00:06:36,309 --> 00:06:34,319

couple blocks up the road across the

81

00:06:38,870 --> 00:06:36,319

street it's right there

82

00:06:39,990 --> 00:06:38,880

is a an outdoor amphitheater it's really

83

00:06:42,629 --> 00:06:40,000

nice

84

00:06:46,550 --> 00:06:42,639

and i've heard stuff going on over there

85

00:06:48,469 --> 00:06:46,560

i i've seen but i've never been there

86

00:06:50,710 --> 00:06:48,479

and i got to go see patti labelle it was

87

00:06:52,390 --> 00:06:50,720

amazing i did some live streams on

88

00:06:53,189 --> 00:06:52,400

facebook you guys can go and check that

89

00:06:55,909 --> 00:06:53,199

out

90

00:06:58,309 --> 00:06:55,919

but uh i've never had

91

00:07:00,469 --> 00:06:58,319

like something like that in my life all

92

00:07:02,710 --> 00:07:00,479

the places that i've lived in and things

93

00:07:04,629 --> 00:07:02,720

to have that happen in your neighborhood

94

00:07:05,909 --> 00:07:04,639

it was just incredible there was

95

00:07:08,390 --> 00:07:05,919

i don't know

96

00:07:09,909 --> 00:07:08,400

there was somewhere between 10 and 20

97

00:07:11,670 --> 00:07:09,919

000 people there

98

00:07:13,749 --> 00:07:11,680

um everybody having a good time it was a

99

00:07:16,390 --> 00:07:13,759

great concert so i did that

100

00:07:19,110 --> 00:07:16,400

on saturday and then we came back to my

101
00:07:21,029 --> 00:07:19,120
house um after that and did some sky

102
00:07:22,469 --> 00:07:21,039
watching uh to the wee hours of the

103
00:07:25,430 --> 00:07:22,479
morning so

104
00:07:27,510 --> 00:07:25,440
it was a lot of fun and i gotta say

105
00:07:31,110 --> 00:07:27,520
patty labelle

106
00:07:33,350 --> 00:07:31,120
man man man and if you haven't seen the

107
00:07:35,270 --> 00:07:33,360
the live stream that i did her voice i

108
00:07:37,430 --> 00:07:35,280
mean she looks great by the way

109
00:07:40,629 --> 00:07:37,440
um but her voice

110
00:07:42,550 --> 00:07:40,639
sounds exactly like it always has man it

111
00:07:45,990 --> 00:07:42,560
was just incredible so anyway

112
00:07:47,990 --> 00:07:46,000
that was saturday now coming up next

113
00:07:50,070 --> 00:07:48,000

month um i've got a couple of things

114

00:07:51,029 --> 00:07:50,080

that i'm doing i'm i'm shooting a new

115

00:07:53,029 --> 00:07:51,039

film

116

00:07:56,710 --> 00:07:53,039

um so that's going to occupy a couple of

117

00:07:59,110 --> 00:07:56,720

weekends um and then coming up this is

118

00:08:00,150 --> 00:07:59,120

coming up very quickly in in about a

119

00:08:04,309 --> 00:08:00,160

month

120

00:08:07,749 --> 00:08:04,319

uh i'll be on tuesday night august 16th

121

00:08:09,270 --> 00:08:07,759

i'll be at u-pars here in los angeles i

122

00:08:11,189 --> 00:08:09,280

talked to steve

123

00:08:12,469 --> 00:08:11,199

murillo about this last week on the show

124

00:08:16,150 --> 00:08:12,479

kickstarting

125

00:08:17,589 --> 00:08:16,160

upars again after the pandemic

126

00:08:22,390 --> 00:08:17,599

two years off

127

00:08:25,430 --> 00:08:22,400

uh upars is back in studio city and uh

128

00:08:28,070 --> 00:08:25,440

yes i'll be speaking come on out

129

00:08:30,390 --> 00:08:28,080

and i'll i'll post uh

130

00:08:32,469 --> 00:08:30,400

information for everybody uh if you

131

00:08:34,469 --> 00:08:32,479

would like to attend where you can get

132

00:08:36,149 --> 00:08:34,479

tickets and and how you do all of that

133

00:08:37,990 --> 00:08:36,159

it's gonna sell out

134

00:08:39,190 --> 00:08:38,000

um and i'm gonna have a bunch of uh

135

00:08:43,190 --> 00:08:39,200

friends

136

00:08:45,269 --> 00:08:43,200

uh there with me on stage so i'm going

137

00:08:46,949 --> 00:08:45,279

to be speaking but i want to do a little

138

00:08:48,870 --> 00:08:46,959

bit of fade to black too as well so

139

00:08:51,190 --> 00:08:48,880

we're going to do that and also we're

140

00:08:53,110 --> 00:08:51,200

going to broadcast live

141

00:08:54,550 --> 00:08:53,120

so even though that's a tuesday night

142

00:08:55,990 --> 00:08:54,560

fade to black's still going to happen

143

00:08:58,949 --> 00:08:56,000

it's just going to happen

144

00:09:02,310 --> 00:08:58,959

live from you pars it's going to be

145

00:09:05,030 --> 00:09:02,320

really really cool so that is going down

146

00:09:06,790 --> 00:09:05,040

again tuesday night august 16th

147

00:09:08,550 --> 00:09:06,800

and i will get

148

00:09:09,430 --> 00:09:08,560

all the information up for everybody

149

00:09:11,670 --> 00:09:09,440

there's

150

00:09:14,949 --> 00:09:11,680

officer and steve

151

00:09:18,710 --> 00:09:14,959

steve told me over the weekend dude

152

00:09:21,590 --> 00:09:18,720

the rsvps are flooding in and and uh i

153

00:09:22,949 --> 00:09:21,600

said just calm down it's gonna be great

154

00:09:24,949 --> 00:09:22,959

don't worry about it man but it's going

155

00:09:27,430 --> 00:09:24,959

to be packed it's going to sell yes it

156

00:09:29,030 --> 00:09:27,440

is what do you expect after two years

157

00:09:32,230 --> 00:09:29,040

it's going to be awesome

158

00:09:33,670 --> 00:09:32,240

so if you're in or around los angeles

159

00:09:36,710 --> 00:09:33,680

you're definitely got

160

00:09:39,750 --> 00:09:36,720

going to uh want to be there for this

161

00:09:41,829 --> 00:09:39,760

tuesday night august 16th all right now

162

00:09:44,230 --> 00:09:41,839

also get your

163

00:09:46,670 --> 00:09:44,240

your free membership right now

164

00:09:49,670 --> 00:09:46,680

to the nx network i want you to go to

165

00:09:51,829 --> 00:09:49,680

thenxnetwork.com the links are below

166

00:09:53,430 --> 00:09:51,839

and you will receive their monthly

167

00:09:55,910 --> 00:09:53,440

newsletter you're going to get blog

168

00:09:57,350 --> 00:09:55,920

access you're going to get event notices

169

00:10:00,870 --> 00:09:57,360

and you're also going to get a free

170

00:10:02,829 --> 00:10:00,880

digital copy of their quarterly magazine

171

00:10:05,750 --> 00:10:02,839

check everything out right now at

172

00:10:07,990 --> 00:10:05,760

nxnetwork.com not only that you can go

173

00:10:12,069 --> 00:10:08,000

right now get your free membership

174

00:10:14,470 --> 00:10:12,079

because this month's issue of on x

175

00:10:17,430 --> 00:10:14,480

is all about time travel

176
00:10:19,350 --> 00:10:17,440
coincidence you gotta love the universe

177
00:10:21,670 --> 00:10:19,360
so go and get your free membership to

178
00:10:25,269 --> 00:10:21,680
the nx network right now

179
00:10:27,430 --> 00:10:25,279
click on the link below now also

180
00:10:30,310 --> 00:10:27,440
right now eden pure

181
00:10:34,310 --> 00:10:30,320
is having their thunderstorm bogo

182
00:10:37,910 --> 00:10:34,320
special for the next week starting today

183
00:10:40,630 --> 00:10:37,920
that is buy one get one free

184
00:10:43,910 --> 00:10:40,640
the link is below for the thunderstorm

185
00:10:47,350 --> 00:10:43,920
buy one get one free right now the promo

186
00:10:48,630 --> 00:10:47,360
code is fader bogo this is only a one

187
00:10:51,509 --> 00:10:48,640
week deal

188
00:10:52,870 --> 00:10:51,519

right now you know i love my thunderbird

189

00:10:54,710 --> 00:10:52,880

thunderbird

190

00:10:55,829 --> 00:10:54,720

thunderstorm

191

00:10:57,110 --> 00:10:55,839

oh

192

00:10:59,670 --> 00:10:57,120

man

193

00:11:01,829 --> 00:10:59,680

promo code is faderbogo we've got links

194

00:11:03,990 --> 00:11:01,839

up throughout social media

195

00:11:06,389 --> 00:11:04,000

and you can certainly click on the link

196

00:11:08,389 --> 00:11:06,399

below in the video description box head

197

00:11:09,509 --> 00:11:08,399

over to twitter facebook wherever you

198

00:11:11,430 --> 00:11:09,519

want to go

199

00:11:14,550 --> 00:11:11,440

and we've got links right there also

200

00:11:17,350 --> 00:11:14,560

over at jimmychurchradio.com

201
00:11:19,269 --> 00:11:17,360
you can follow me on twitter at j church

202
00:11:20,710 --> 00:11:19,279
radio i'm in a great mood why am i in a

203
00:11:24,150 --> 00:11:20,720
great mood

204
00:11:31,590 --> 00:11:28,069
i'm wearing my big kahuna burger t-shirt

205
00:11:33,509 --> 00:11:31,600
yep pulp fiction got the red trim

206
00:11:36,870 --> 00:11:33,519
just like the movie

207
00:11:38,870 --> 00:11:36,880
got me a big kahuna burger t-shirt

208
00:11:40,310 --> 00:11:38,880
that's right

209
00:11:43,430 --> 00:11:40,320
it's pretty cool

210
00:11:45,829 --> 00:11:43,440
follow me on twitter at j church radio

211
00:11:48,310 --> 00:11:45,839
this is what i should do for instagram

212
00:11:49,910 --> 00:11:48,320
should do the uh big i got the funky

213
00:11:53,430 --> 00:11:49,920

shorts on tonight

214

00:11:56,069 --> 00:11:53,440

i am totally playing out that scene

215

00:11:58,550 --> 00:11:56,079

from pulp fiction uh tonight on the show

216

00:12:01,269 --> 00:11:58,560

got my big kahuna burger shirt on

217

00:12:03,910 --> 00:12:01,279

and uh there you go man i'm sore i've

218

00:12:07,670 --> 00:12:03,920

worked out all weekend

219

00:12:09,509 --> 00:12:07,680

oh man five straight days of just

220

00:12:10,310 --> 00:12:09,519

pumping iron

221

00:12:13,350 --> 00:12:10,320

she

222

00:12:15,110 --> 00:12:13,360

whiz man but i'm on a mission

223

00:12:17,030 --> 00:12:15,120

i'm going to transform i'm going to

224

00:12:19,350 --> 00:12:17,040

transform

225

00:12:21,990 --> 00:12:19,360

yeah i need to take like pictures every

226

00:12:23,430 --> 00:12:22,000

single day standing in front of a mirror

227

00:12:25,509 --> 00:12:23,440

right like that

228

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

and uh see what that looks like

229

00:12:31,030 --> 00:12:27,920

all right olivia says she made it good

230

00:12:32,389 --> 00:12:31,040

for you that nine seconds ago on twitter

231

00:12:36,470 --> 00:12:32,399

follow

232

00:12:39,590 --> 00:12:36,480

and then head over to hashtag f2b the

233

00:12:40,870 --> 00:12:39,600

sandbox on twitter the funnest place to

234

00:12:42,389 --> 00:12:40,880

hang out

235

00:12:44,550 --> 00:12:42,399

every single night with all the other

236

00:12:46,470 --> 00:12:44,560

fader knots all right let's get to the

237

00:12:48,069 --> 00:12:46,480

breaking news you heard everything as it

238

00:12:49,829 --> 00:12:48,079

went down

239

00:12:54,230 --> 00:12:49,839

twitter

240

00:12:55,350 --> 00:12:54,240

says it's 44 billion dollar sale to elon

241

00:12:58,310 --> 00:12:55,360

musk

242

00:12:59,590 --> 00:12:58,320

is still on and it will go to court to

243

00:13:03,590 --> 00:12:59,600

make it happen

244

00:13:05,590 --> 00:13:03,600

despite elon's declaration

245

00:13:07,509 --> 00:13:05,600

he's breaking it off

246

00:13:10,389 --> 00:13:07,519

he's walking

247

00:13:12,790 --> 00:13:10,399

and his series of tweets of him laughing

248

00:13:13,910 --> 00:13:12,800

at twitter it's so weird they didn't

249

00:13:15,750 --> 00:13:13,920

want him

250

00:13:17,829 --> 00:13:15,760

now they want now they're gonna force

251
00:13:18,790 --> 00:13:17,839
the sale when they didn't want it it's

252
00:13:21,829 --> 00:13:18,800
it's

253
00:13:24,470 --> 00:13:21,839
twitter said today and i quote

254
00:13:27,470 --> 00:13:24,480
twitter reserves all contractual legal

255
00:13:29,750 --> 00:13:27,480
and other rights including its right to

256
00:13:32,629 --> 00:13:29,760
specifically enforce

257
00:13:34,550 --> 00:13:32,639
the musk parties

258
00:13:36,949 --> 00:13:34,560
that's right

259
00:13:39,670 --> 00:13:36,959
all of their obligations

260
00:13:46,949 --> 00:13:39,680
under the agreement end quote

261
00:13:53,030 --> 00:13:48,550
you guys are funny

262
00:13:54,069 --> 00:13:53,040
the big kahuna look there it is there it

263
00:13:55,269 --> 00:13:54,079

is

264

00:13:58,470 --> 00:13:55,279

all right

265

00:14:00,069 --> 00:13:58,480

well now check this out

266

00:14:02,629 --> 00:14:00,079

i don't know if this is a good idea or

267

00:14:04,790 --> 00:14:02,639

not but this is what's happening

268

00:14:09,189 --> 00:14:04,800

a raft

269

00:14:11,189 --> 00:14:09,199

of thin film silicon bubbles deployed

270

00:14:13,910 --> 00:14:11,199

from earth into outer space and

271

00:14:16,150 --> 00:14:13,920

stretching to the size of brazil

272

00:14:18,710 --> 00:14:16,160

could potentially block the sun's solar

273

00:14:20,949 --> 00:14:18,720

radiation from further warming earth

274

00:14:22,710 --> 00:14:20,959

possibly helping to not only stave off

275

00:14:25,670 --> 00:14:22,720

climate change

276

00:14:28,710 --> 00:14:25,680

but potentially reverse it

277

00:14:30,470 --> 00:14:28,720

this new space bubbles plan offered by

278

00:14:33,430 --> 00:14:30,480

scientists at the massachusetts

279

00:14:36,389 --> 00:14:33,440

institute of technology mit

280

00:14:39,829 --> 00:14:36,399

is a concept first offered by astronomer

281

00:14:41,990 --> 00:14:39,839

roger angel the team of architects

282

00:14:45,590 --> 00:14:42,000

civil and mechanical engineers

283

00:14:47,430 --> 00:14:45,600

physicists and material scientists have

284

00:14:50,550 --> 00:14:47,440

worked on the technical and social

285

00:14:54,389 --> 00:14:50,560

aspects of what the group calls quote a

286

00:14:55,949 --> 00:14:54,399

planetary scale project and quote in an

287

00:14:58,470 --> 00:14:55,959

effort to find a

288

00:15:00,790 --> 00:14:58,480

non-earth-bound solution

289

00:15:04,389 --> 00:15:00,800
to climate change

290

00:15:07,750 --> 00:15:04,399
silicon bubbles in space

291

00:15:10,829 --> 00:15:07,760
to be movie from 1955. all right well it

292

00:15:16,550 --> 00:15:14,150
mind-blowing incredible

293

00:15:19,990 --> 00:15:16,560
all happened with the president biden by

294

00:15:22,470 --> 00:15:20,000
the way the james webb space telescope

295

00:15:23,750 --> 00:15:22,480
may be getting most of the attention

296

00:15:26,389 --> 00:15:23,760
this summer

297

00:15:28,389 --> 00:15:26,399
but check this out i'm going to get to

298

00:15:29,749 --> 00:15:28,399
hubble's recent

299

00:15:32,790 --> 00:15:29,759
newest

300

00:15:34,389 --> 00:15:32,800
first image in just a second because

301
00:15:37,189 --> 00:15:34,399
next year

302
00:15:39,670 --> 00:15:37,199
nasa's astrophysics stratospheric

303
00:15:42,470 --> 00:15:39,680
telescope for high spectral resolution

304
00:15:43,829 --> 00:15:42,480
observations at the sub millimeter

305
00:15:47,030 --> 00:15:43,839
wavelengths

306
00:15:49,509 --> 00:15:47,040
or atheros instrument is going to launch

307
00:15:51,269 --> 00:15:49,519
atheros is not a space telescope or a

308
00:15:54,949 --> 00:15:51,279
ground-based telescope it's something in

309
00:15:57,509 --> 00:15:54,959
between hovering the stratosphere

310
00:16:02,069 --> 00:15:57,519
nasa intends to fly the instrument to an

311
00:16:03,670 --> 00:16:02,079
altitude of 130 000 feet via

312
00:16:08,949 --> 00:16:03,680
a balloon

313
00:16:11,030 --> 00:16:08,959

football field deploying it over

314

00:16:12,470 --> 00:16:11,040

antarctica

315

00:16:14,710 --> 00:16:12,480

that's right

316

00:16:16,310 --> 00:16:14,720

they're gonna do this for four weeks at

317

00:16:19,269 --> 00:16:16,320

a time the benefit of flying the

318

00:16:22,069 --> 00:16:19,279

telescope at that altitude

319

00:16:24,790 --> 00:16:22,079

in antarctica dramatically reduces

320

00:16:27,430 --> 00:16:24,800

interference by earth's atmosphere and

321

00:16:29,910 --> 00:16:27,440

aspects that is crucial to the atheros

322

00:16:32,310 --> 00:16:29,920

mission the telescope will study an

323

00:16:35,509 --> 00:16:32,320

unusual phenomenon called stellar

324

00:16:38,870 --> 00:16:35,519

feedback a process by which living stars

325

00:16:41,350 --> 00:16:38,880

and dying ones stir up the clouds of gas

326
00:16:42,310 --> 00:16:41,360
and dust around them

327
00:16:43,749 --> 00:16:42,320
over

328
00:16:45,990 --> 00:16:43,759
antarctica

329
00:16:47,350 --> 00:16:46,000
well it went down today i i just i

330
00:16:49,110 --> 00:16:47,360
didn't know if i was going to share this

331
00:16:52,150 --> 00:16:49,120
but it's pretty interesting

332
00:16:59,670 --> 00:16:55,269
a prominent russian politician

333
00:17:01,509 --> 00:16:59,680
has threatened to use force to take back

334
00:17:02,710 --> 00:17:01,519
alaska

335
00:17:05,029 --> 00:17:02,720
that's right

336
00:17:07,750 --> 00:17:05,039
prominent ally of russian president

337
00:17:09,189 --> 00:17:07,760
vladimir putin and member of russia's

338
00:17:12,949 --> 00:17:09,199

legislature

339

00:17:16,789 --> 00:17:12,959

threatened last week to invade alaska

340

00:17:19,909 --> 00:17:16,799

and reclaim the former russian territory

341

00:17:23,350 --> 00:17:21,990

viaxlev

342

00:17:26,069 --> 00:17:23,360

valadin

343

00:17:28,950 --> 00:17:26,079

said russia would take back alaska

344

00:17:31,750 --> 00:17:28,960

using the same language that putin used

345

00:17:38,549 --> 00:17:31,760

to describe his invasion

346

00:17:43,669 --> 00:17:40,630

that ain't gonna happen

347

00:17:45,750 --> 00:17:43,679

the identity of an unknown god described

348

00:17:47,270 --> 00:17:45,760

in inscriptions from the ancient city of

349

00:17:50,310 --> 00:17:47,280

palmyra

350

00:17:52,710 --> 00:17:50,320

located in modern day syria

351
00:17:55,270 --> 00:17:52,720
has long baffled scientists but now a

352
00:17:57,750 --> 00:17:55,280
research new research declares

353
00:18:00,230 --> 00:17:57,760
that they have cracked the case

354
00:18:01,909 --> 00:18:00,240
palmyra flourished around 2000 years ago

355
00:18:04,070 --> 00:18:01,919
as a center of trade that connected the

356
00:18:06,870 --> 00:18:04,080
roman empire with asia

357
00:18:10,070 --> 00:18:06,880
the anonymous deity is mentioned in

358
00:18:13,029 --> 00:18:10,080
numerous aramaic inscriptions at palmyra

359
00:18:15,350 --> 00:18:13,039
and is referred to as

360
00:18:17,990 --> 00:18:15,360
he whose name

361
00:18:19,029 --> 00:18:18,000
is blessed forever

362
00:18:20,390 --> 00:18:19,039
and

363
00:18:22,390 --> 00:18:20,400

the lord

364

00:18:24,230 --> 00:18:22,400
of the universe

365

00:18:27,029 --> 00:18:24,240
that's right all of this according to

366

00:18:28,390 --> 00:18:27,039
science in poland a new site run by the

367

00:18:30,870 --> 00:18:28,400
polish government

368

00:18:33,350 --> 00:18:30,880
an independent journalist many of these

369

00:18:34,950 --> 00:18:33,360
inscriptions date back two thousand

370

00:18:37,909 --> 00:18:34,960
years ago now

371

00:18:40,310 --> 00:18:37,919
scientists from the university of maclaw

372

00:18:42,870 --> 00:18:40,320
in poland revealed that the anonymous

373

00:18:45,990 --> 00:18:42,880
god mentioned in the inscriptions

374

00:18:49,590 --> 00:18:46,000
is not a single god but rather multiple

375

00:18:51,190 --> 00:18:49,600
deities that include belmar duke and

376

00:18:53,350 --> 00:18:51,200

baal shaman

377

00:18:56,230 --> 00:18:53,360

they also contend that people did not

378

00:18:57,430 --> 00:18:56,240

mention the name of these deities out of

379

00:18:59,430 --> 00:18:57,440

a sign

380

00:19:01,830 --> 00:18:59,440

of respect

381

00:19:03,190 --> 00:19:01,840

there you go the first image it went

382

00:19:05,350 --> 00:19:03,200

down today

383

00:19:07,750 --> 00:19:05,360

again with president biden the first

384

00:19:09,110 --> 00:19:07,760

image from nasa's james webb space

385

00:19:12,310 --> 00:19:09,120

telescope

386

00:19:14,789 --> 00:19:12,320

was released today

387

00:19:15,990 --> 00:19:14,799

i'm very rarely blown away but listen to

388

00:19:18,789 --> 00:19:16,000

this

389

00:19:21,590 --> 00:19:18,799

it's the deepest and sharpest infrared

390

00:19:25,270 --> 00:19:21,600

image of the distant universe to date

391

00:19:30,870 --> 00:19:25,280

known as webb's first deep field

392

00:19:36,870 --> 00:19:33,350

is insane

393

00:19:38,710 --> 00:19:36,880

thousands of galaxies and this slice of

394

00:19:41,270 --> 00:19:38,720

the vast universe

395

00:19:43,830 --> 00:19:41,280

covers a patch of sky

396

00:19:45,110 --> 00:19:43,840

approximately the size of a grain of

397

00:19:47,669 --> 00:19:45,120

sand

398

00:19:49,430 --> 00:19:47,679

held at arm's length

399

00:19:53,270 --> 00:19:49,440

that's right i talk about this all the

400

00:19:55,590 --> 00:19:53,280

time i i would go out at conferences and

401
00:19:56,870 --> 00:19:55,600
i would start i'm thousands of people in

402
00:19:58,470 --> 00:19:56,880
front of me and i would go hey man give

403
00:20:00,310 --> 00:19:58,480
me a dime somebody in the front row and

404
00:20:02,630 --> 00:20:00,320
they'd give me a dime and i go man hold

405
00:20:05,110 --> 00:20:02,640
up this dime to the sky

406
00:20:07,110 --> 00:20:05,120
pick a blank spot out and you are

407
00:20:09,590 --> 00:20:07,120
looking at a hundred and fifty thousand

408
00:20:12,950 --> 00:20:09,600
galaxies and everybody go oh uh is that

409
00:20:16,310 --> 00:20:12,960
true is that is that really true now

410
00:20:17,510 --> 00:20:16,320
it's down to a grain of sand

411
00:20:20,630 --> 00:20:17,520
it's like these

412
00:20:22,470 --> 00:20:20,640
they stole my idea but anyway so now

413
00:20:23,909 --> 00:20:22,480

i've got to change my presentations i'm

414

00:20:25,350 --> 00:20:23,919

going to do it i'm going to bring out a

415

00:20:26,870 --> 00:20:25,360

little baggie of sand i'm going to

416

00:20:28,630 --> 00:20:26,880

sprinkle it out of my hand i'm going to

417

00:20:30,390 --> 00:20:28,640

take out a little grain of sand i'm

418

00:20:33,029 --> 00:20:30,400

going to hold that up

419

00:20:35,270 --> 00:20:33,039

and repeat the same thing because that's

420

00:20:38,070 --> 00:20:35,280

what is going down

421

00:20:39,669 --> 00:20:38,080

this deep field taken by webb's near

422

00:20:41,110 --> 00:20:39,679

infrared camera

423

00:20:43,350 --> 00:20:41,120

near cam

424

00:20:46,190 --> 00:20:43,360

is a composite made from images at

425

00:20:49,350 --> 00:20:46,200

different wavelengths totaling two

426

00:20:51,669 --> 00:20:49,360

12.5 hours that's how long it took to

427

00:20:53,830 --> 00:20:51,679

expose just 12 and a half hours as you

428

00:20:55,590 --> 00:20:53,840

remember and i've done presentations on

429

00:20:58,710 --> 00:20:55,600

the show many times

430

00:21:01,510 --> 00:20:58,720

hubble's space telescope's deepest field

431

00:21:05,190 --> 00:21:01,520

images that i've shown you many times

432

00:21:07,430 --> 00:21:05,200

took two weeks to expose

433

00:21:10,230 --> 00:21:07,440

this is incredible twelve and a half

434

00:21:13,190 --> 00:21:10,240

hours the image shows the galaxy cluster

435

00:21:15,750 --> 00:21:13,200

of sm acs0723

436

00:21:16,950 --> 00:21:15,760

as it appeared four and a half billion

437

00:21:18,789 --> 00:21:16,960

years ago

438

00:21:21,669 --> 00:21:18,799

webb's near cam has brought those

439

00:21:24,149 --> 00:21:21,679

distant galaxies into sharp focus

440

00:21:26,230 --> 00:21:24,159

they have tiny faint structures that

441

00:21:29,190 --> 00:21:26,240

have never been seen before including

442

00:21:31,270 --> 00:21:29,200

star clusters most of these galaxies in

443

00:21:34,710 --> 00:21:31,280

the image released today

444

00:21:36,630 --> 00:21:34,720

have never been seen before this image

445

00:21:39,350 --> 00:21:36,640

is among the telescope's first full

446

00:21:42,950 --> 00:21:39,360

color images the full suite will be

447

00:21:46,870 --> 00:21:42,960

released tomorrow july 12th beginning at

448

00:21:49,270 --> 00:21:46,880

10 30 a.m eastern time during a live

449

00:21:52,630 --> 00:21:49,280

nasa tv broadcast gonna last all day

450

00:21:57,029 --> 00:21:52,640

that's part one it's gonna spill over to

451
00:21:59,029 --> 00:21:57,039
wednesday july 13th this is absolutely

452
00:22:01,270 --> 00:21:59,039
incredible this

453
00:22:02,549 --> 00:22:01,280
is a game changer let's get this show

454
00:22:08,310 --> 00:22:02,559
cracking

455
00:22:11,669 --> 00:22:08,320
on this day in history otd 1979

456
00:22:12,710 --> 00:22:11,679
parts of sky lab america's first space

457
00:22:15,750 --> 00:22:12,720
station

458
00:22:17,270 --> 00:22:15,760
come crashing down on australia and into

459
00:22:20,470 --> 00:22:17,280
the indian ocean

460
00:22:22,549 --> 00:22:20,480
five years after the last manned uh

461
00:22:25,110 --> 00:22:22,559
skylab mission ended

462
00:22:29,430 --> 00:22:25,120
no one was injured

463
00:22:31,909 --> 00:22:29,440

all right here's your fader fact

464

00:22:33,029 --> 00:22:31,919

this is a good one

465

00:22:35,909 --> 00:22:33,039

before

466

00:22:38,390 --> 00:22:35,919

he was the best-selling author of the da

467

00:22:41,669 --> 00:22:38,400

vinci code

468

00:22:43,270 --> 00:22:41,679

dan brown thought

469

00:22:46,390 --> 00:22:43,280

he was a musician

470

00:22:47,990 --> 00:22:46,400

that's right in 1994 he released an

471

00:22:49,909 --> 00:22:48,000

album called

472

00:22:52,149 --> 00:22:49,919

angels and demons

473

00:22:53,110 --> 00:22:52,159

i'm not making this up

474

00:22:55,190 --> 00:22:53,120

well

475

00:22:56,310 --> 00:22:55,200

that didn't work out

476
00:23:00,149 --> 00:22:56,320
so

477
00:23:02,230 --> 00:23:00,159
he wrote the book angel in demons

478
00:23:04,070 --> 00:23:02,240
yeah like two years later

479
00:23:06,390 --> 00:23:04,080
and then in 2003

480
00:23:09,270 --> 00:23:06,400
published another book

481
00:23:11,110 --> 00:23:09,280
called the da vinci code

482
00:23:12,789 --> 00:23:11,120
and that

483
00:23:13,830 --> 00:23:12,799
is your fader fact

484
00:23:17,909 --> 00:23:13,840
tonight

485
00:23:18,789 --> 00:23:17,919
we welcome very special guest

486
00:23:19,990 --> 00:23:18,799
me

487
00:23:22,230 --> 00:23:20,000
that's right

488
00:23:24,470 --> 00:23:22,240

i'm gonna be discussing the secrets of

489

00:23:26,470 --> 00:23:24,480

time travel

490

00:23:29,830 --> 00:23:26,480

two and a half hours two and a half

491

00:23:33,029 --> 00:23:29,840

hours i've got over 50 images

492

00:23:34,390 --> 00:23:33,039

and i'm letting my brain loose tonight

493

00:23:36,710 --> 00:23:34,400

tomorrow night

494

00:23:38,310 --> 00:23:36,720

scott walter is here for the secrets of

495

00:23:40,870 --> 00:23:38,320

america

496

00:23:42,070 --> 00:23:40,880

wednesday night kelly sullivan walden

497

00:23:43,830 --> 00:23:42,080

returns

498

00:23:45,190 --> 00:23:43,840

she's going to be with us to talk about

499

00:23:48,310 --> 00:23:45,200

the secrets

500

00:23:49,510 --> 00:23:48,320

of dreams and i cannot wait she just

501
00:23:50,630 --> 00:23:49,520
texted me

502
00:23:52,230 --> 00:23:50,640
right now

503
00:23:54,390 --> 00:23:52,240
i can't wait for wednesday man it's

504
00:23:56,390 --> 00:23:54,400
gonna be so great it is

505
00:23:59,830 --> 00:23:56,400
kelly is here wednesday night thursday

506
00:24:01,430 --> 00:23:59,840
is another fader night with open lines

507
00:24:03,510 --> 00:24:01,440
all night long

508
00:24:04,950 --> 00:24:03,520
and right now you're probably wondering

509
00:24:06,870 --> 00:24:04,960
what i'm doing

510
00:24:10,390 --> 00:24:06,880
nothing that top secret

511
00:24:13,750 --> 00:24:10,400
i'm turning my thermostat on

512
00:24:18,390 --> 00:24:16,310
that's my top secret text

513
00:24:19,990 --> 00:24:18,400

that i'm doing right now all right now

514

00:24:21,909 --> 00:24:20,000

it's time for me to hit this river moon

515

00:24:28,310 --> 00:24:21,919

coffee

516

00:24:28,320 --> 00:24:35,669

oh man

517

00:24:43,350 --> 00:24:39,029

fade to black blend

518

00:24:46,310 --> 00:24:43,360

i like my coffee doc i do

519

00:24:49,830 --> 00:24:46,320

i like it will the thunderstorm work in

520

00:24:51,669 --> 00:24:49,840

my truck that's from deuce diaz it will

521

00:24:54,390 --> 00:24:51,679

that's a text that just came in a few

522

00:24:56,549 --> 00:24:54,400

minutes ago yes deuce

523

00:24:59,029 --> 00:24:56,559

it's usb

524

00:25:01,669 --> 00:24:59,039

man that's a nice truck

525

00:25:02,870 --> 00:25:01,679

look at that tractor trailer man i love

526
00:25:06,789 --> 00:25:02,880
truckers

527
00:25:07,990 --> 00:25:06,799
man i love every truck ever man

528
00:25:09,350 --> 00:25:08,000
everyone

529
00:25:11,669 --> 00:25:09,360
listening to this show while they're

530
00:25:13,909 --> 00:25:11,679
driving going

531
00:25:15,669 --> 00:25:13,919
i always take a time travel get my truck

532
00:25:17,190 --> 00:25:15,679
there sooner i know i know what you say

533
00:25:18,950 --> 00:25:17,200
make this delivery

534
00:25:21,909 --> 00:25:18,960
i hear you

535
00:25:23,510 --> 00:25:21,919
all right sarah and tweeting out too as

536
00:25:27,269 --> 00:25:23,520
well all right

537
00:25:29,830 --> 00:25:27,279
everybody is in tasty burger what do you

538
00:25:31,750 --> 00:25:29,840

guys do

539

00:25:34,950 --> 00:25:31,760

big goon is that right

540

00:25:37,029 --> 00:25:34,960

you can actually eat a big kahuna burger

541

00:25:40,390 --> 00:25:37,039

had me one when i was in imperial beach

542

00:25:42,870 --> 00:25:40,400

san diego and in mexico oh okay

543

00:25:44,230 --> 00:25:42,880

all right i didn't know that

544

00:25:46,950 --> 00:25:44,240

all right

545

00:25:48,950 --> 00:25:46,960

tonight we welcome very special guest me

546

00:25:50,549 --> 00:25:48,960

i am going to be discussing the secrets

547

00:25:52,630 --> 00:25:50,559

of time travel

548

00:25:55,269 --> 00:25:52,640

and uh tomorrow night scott walter is

549

00:25:57,990 --> 00:25:55,279

here and then wednesday night

550

00:26:01,110 --> 00:25:58,000

kelly sullivan walden but tonight it's

551
00:26:03,669 --> 00:26:01,120
about time travel and i know a lot

552
00:26:04,549 --> 00:26:03,679
of you think and and so do i at times

553
00:26:08,470 --> 00:26:04,559
that

554
00:26:10,789 --> 00:26:08,480
time travel it's my favorite subject

555
00:26:14,230 --> 00:26:10,799
but nah

556
00:26:15,430 --> 00:26:14,240
it's a six seven eight-way tie

557
00:26:17,990 --> 00:26:15,440
because

558
00:26:19,430 --> 00:26:18,000
we've got egypt

559
00:26:21,750 --> 00:26:19,440
right

560
00:26:23,029 --> 00:26:21,760
we've got ufos

561
00:26:27,510 --> 00:26:23,039
right

562
00:26:29,669 --> 00:26:27,520
got ghosts

563
00:26:32,230 --> 00:26:29,679

we've got the supernatural we've got the

564

00:26:34,630 --> 00:26:32,240

paranormal we've got physics we've got

565

00:26:36,549 --> 00:26:34,640

space

566

00:26:38,549 --> 00:26:36,559

everything's just equal to me and then

567

00:26:41,029 --> 00:26:38,559

we've got time travel

568

00:26:42,230 --> 00:26:41,039

it's just where my head is

569

00:26:45,110 --> 00:26:42,240

that week

570

00:26:47,029 --> 00:26:45,120

right that month and i am going through

571

00:26:49,669 --> 00:26:47,039

these cycles and you've seen me do this

572

00:26:51,190 --> 00:26:49,679

now for years where i do these cycles of

573

00:26:53,510 --> 00:26:51,200

research and when i'm in the middle of

574

00:26:55,350 --> 00:26:53,520

research like man that would be a good

575

00:26:58,870 --> 00:26:55,360

guess this week let's reach out to so

576

00:27:01,110 --> 00:26:58,880

and so you can see where my head is at

577

00:27:02,630 --> 00:27:01,120

and lately over the last couple of

578

00:27:04,070 --> 00:27:02,640

months i've been talking about time

579

00:27:07,190 --> 00:27:04,080

travel i've been talking about time

580

00:27:09,190 --> 00:27:07,200

travel a lot and i've been doing a lot

581

00:27:11,990 --> 00:27:09,200

of research and when you go

582

00:27:13,190 --> 00:27:12,000

and and do the research that i do and

583

00:27:15,669 --> 00:27:13,200

there are

584

00:27:16,789 --> 00:27:15,679

um you know the researchers and authors

585

00:27:21,830 --> 00:27:16,799

and and

586

00:27:23,909 --> 00:27:21,840

community and i do that but i also like

587

00:27:26,149 --> 00:27:23,919

to go outside of our community what is

588

00:27:27,590 --> 00:27:26,159

science saying you know and what has

589

00:27:29,350 --> 00:27:27,600

been said about it in the past what

590

00:27:30,230 --> 00:27:29,360

about the ancient past

591

00:27:37,110 --> 00:27:30,240

and

592

00:27:40,549 --> 00:27:37,120

over the years i have thought about

593

00:27:41,510 --> 00:27:40,559

every angle of time travel every single

594

00:27:44,149 --> 00:27:41,520

one

595

00:27:45,990 --> 00:27:44,159

and it goes back to

596

00:27:48,549 --> 00:27:46,000

um when i was

597

00:27:51,029 --> 00:27:48,559

18 19 years old

598

00:27:52,870 --> 00:27:51,039

i wrote i'll call it a short story it

599

00:27:54,549 --> 00:27:52,880

was longer than a short story but it

600

00:27:57,110 --> 00:27:54,559

wasn't quite a book it was like in

601
00:27:59,830 --> 00:27:57,120
between but i wrote a story about time

602
00:28:00,870 --> 00:27:59,840
travel while i was at bell laboratories

603
00:28:04,470 --> 00:28:00,880
and

604
00:28:06,789 --> 00:28:04,480
it's weird because even though

605
00:28:08,789 --> 00:28:06,799
i kind of knew back then it was 50 years

606
00:28:11,430 --> 00:28:08,799
ago i kind of knew

607
00:28:14,310 --> 00:28:11,440
a little bit about paradoxes and things

608
00:28:17,430 --> 00:28:14,320
but it wasn't nah i that stuff didn't

609
00:28:19,510 --> 00:28:17,440
really enter my mind but what i ended up

610
00:28:21,909 --> 00:28:19,520
writing

611
00:28:24,310 --> 00:28:21,919
was a friggin paradox

612
00:28:26,950 --> 00:28:24,320
and that

613
00:28:29,269 --> 00:28:26,960

that i was in a loop had nothing to do

614

00:28:31,110 --> 00:28:29,279

with a paradox

615

00:28:34,149 --> 00:28:31,120

it was that

616

00:28:36,070 --> 00:28:34,159

the story itself as i wrote it

617

00:28:38,149 --> 00:28:36,080

wrote itself

618

00:28:41,350 --> 00:28:38,159

into a paradox

619

00:28:43,510 --> 00:28:41,360

and i have been on this ever since

620

00:28:47,110 --> 00:28:43,520

so tonight we are going to go through it

621

00:28:49,269 --> 00:28:47,120

all um i am going to start in uh deep

622

00:28:52,149 --> 00:28:49,279

history and i'm gonna go through it and

623

00:28:54,310 --> 00:28:52,159

i've got it broken down into uh five

624

00:28:55,669 --> 00:28:54,320

different groups we have five segments

625

00:28:58,630 --> 00:28:55,679

on the show

626

00:29:00,310 --> 00:28:58,640

so uh i've got it broken down and and i

627

00:29:03,909 --> 00:29:00,320

also want to talk about time travel

628

00:29:05,590 --> 00:29:03,919

movies so i've got that uh two as well

629

00:29:06,549 --> 00:29:05,600

tonight so we're gonna go through all of

630

00:29:07,909 --> 00:29:06,559

that

631

00:29:10,630 --> 00:29:07,919

uh

632

00:29:13,909 --> 00:29:10,640

like everything else like it's

633

00:29:16,389 --> 00:29:13,919

going to be probably uh on monday nights

634

00:29:17,909 --> 00:29:16,399

for a while

635

00:29:21,350 --> 00:29:17,919

take notes

636

00:29:23,590 --> 00:29:21,360

and hopefully i will be sharing what i

637

00:29:25,430 --> 00:29:23,600

have learned over the years

638

00:29:27,830 --> 00:29:25,440

with you and tonight you're gonna learn

639

00:29:30,630 --> 00:29:27,840

something and that's the goal

640

00:29:32,549 --> 00:29:30,640

so tonight it is time travel tomorrow

641

00:29:34,870 --> 00:29:32,559

night scott walters here

642

00:29:37,590 --> 00:29:34,880

the secrets of america and much more he

643

00:29:39,350 --> 00:29:37,600

just got back from another research trip

644

00:29:40,710 --> 00:29:39,360

so we'll be discussing that tomorrow

645

00:29:44,310 --> 00:29:40,720

night as well

646

00:29:47,669 --> 00:29:44,320

wednesday night kelly sullivan walden is

647

00:29:49,990 --> 00:29:47,679

back and she just got back from a trip

648

00:29:52,389 --> 00:29:50,000

and she's going to be with us wednesday

649

00:29:53,190 --> 00:29:52,399

night for the secrets of dreams thursday

650

00:29:58,630 --> 00:29:53,200

night

651
00:30:01,029 --> 00:29:58,640
yours jimmy church

652
00:30:03,269 --> 00:30:01,039
on the game changer and on x networks

653
00:30:05,190 --> 00:30:03,279
race hobbes

654
00:30:07,560 --> 00:30:05,200
tonight is time travel right after this

655
00:30:33,990 --> 00:30:07,570
short break stay with us

656
00:30:38,389 --> 00:30:36,149
this is nicole church daughter of you

657
00:30:39,389 --> 00:30:38,399
know who and you're listening to fade to

658
00:30:41,029 --> 00:30:39,399
black on

659
00:30:43,909 --> 00:30:41,039
jimmychurchradio.com and the game

660
00:30:47,590 --> 00:30:46,070
you're listening to jimmy church and

661
00:30:53,990 --> 00:30:47,600
fade to black

662
00:31:00,470 --> 00:30:56,310
you're listening to jimmy church fade to

663
00:31:03,730 --> 00:31:02,710

fate to black will now pause for alien

664

00:31:09,029 --> 00:31:03,740

identification

665

00:31:13,830 --> 00:31:11,190

when you take the beans from central

666

00:31:16,230 --> 00:31:13,840

america with dashes of indonesian and

667

00:31:19,430 --> 00:31:16,240

african mixed in and then roasted to the

668

00:31:21,990 --> 00:31:19,440

dark side of fade to black you create

669

00:31:24,870 --> 00:31:22,000

the ultimate brew of fringe

670

00:31:28,149 --> 00:31:24,880

introducing the fade to black blend from

671

00:31:30,950 --> 00:31:28,159

river moon coffee yes river moon's

672

00:31:33,750 --> 00:31:30,960

darkest customized roast was created for

673

00:31:36,389 --> 00:31:33,760

the love of fade to black

674

00:31:38,950 --> 00:31:36,399

the alchemy of masterful roasting and

675

00:31:42,549 --> 00:31:38,960

smoking the beans is in every sip of

676

00:31:43,990 --> 00:31:42,559

this full-bodied dark java i need my

677

00:31:46,549 --> 00:31:44,000

coffee doc

678

00:31:49,590 --> 00:31:46,559

deep with distinct bittersweet chocolate

679

00:31:52,070 --> 00:31:49,600

highlights just like the bunker leaning

680

00:31:54,710 --> 00:31:52,080

further into the darkness of the roast

681

00:31:57,389 --> 00:31:54,720

is fade to black blend from river moon

682

00:31:59,350 --> 00:31:57,399

coffee just click on the banner at

683

00:32:03,110 --> 00:31:59,360

jimmychurchradio.com and use the promo

684

00:32:05,029 --> 00:32:03,120

code f2b blend for 15 off of your order

685

00:32:07,669 --> 00:32:05,039

today

686

00:32:12,110 --> 00:32:07,679

this is the only way

687

00:32:17,909 --> 00:32:14,870

is jimmy church of fade to black and you

688

00:32:20,230 --> 00:32:17,919

can get our podcast for just two dollars

689

00:32:22,070 --> 00:32:20,240

per month all you have to do is click on

690

00:32:24,630 --> 00:32:22,080

the podcast banner over at

691

00:32:26,549 --> 00:32:24,640

jimmychurchradio.com

692

00:32:28,870 --> 00:32:26,559

right now eden pier is having their

693

00:32:31,590 --> 00:32:28,880

famous bogo deal on thunderstorm air

694

00:32:33,669 --> 00:32:31,600

purifiers one listener wrote it makes a

695

00:32:36,310 --> 00:32:33,679

huge difference in our cat litter box

696

00:32:39,669 --> 00:32:36,320

stink i just wish i waited for the bogo

697

00:32:42,950 --> 00:32:39,679

deal i need another one well now's the

698

00:32:45,430 --> 00:32:42,960

time bogo is back so when you buy one

699

00:32:47,669 --> 00:32:45,440

thunderstorm you get one free no matter

700

00:32:50,310 --> 00:32:47,679

how many you buy you buy two you get two

701
00:32:52,389 --> 00:32:50,320
free you buy five you get five free the

702
00:32:54,630 --> 00:32:52,399
thunderstorm will completely eliminate

703
00:32:57,430 --> 00:32:54,640
any odor even the worst like pets

704
00:33:00,149 --> 00:32:57,440
cigarette smoke urine and cooking now is

705
00:33:03,110 --> 00:33:00,159
the time to order eden piers buy one get

706
00:33:04,789 --> 00:33:03,120
one free sale is one week only with over

707
00:33:07,269 --> 00:33:04,799
265

708
00:33:10,230 --> 00:33:07,279
000 thunderstorms sold and countless

709
00:33:11,909 --> 00:33:10,240
five-star reviews you know it works

710
00:33:14,669 --> 00:33:11,919
people are buying several for around the

711
00:33:17,549 --> 00:33:14,679
home and even as gifts just go to

712
00:33:22,590 --> 00:33:17,559
edenpuredeals.com and use discount code

713
00:33:27,669 --> 00:33:24,870

f-a-d-e-r-b-o-g-o-bogo is buy one get

714

00:33:31,269 --> 00:33:27,679

one free that's edenpuredeals.com

715

00:33:34,230 --> 00:33:31,279

discount code faderbogo and as always

716

00:33:35,509 --> 00:33:34,240

shipping is free

717

00:33:38,190 --> 00:33:35,519

do you have an interest in the

718

00:33:40,950 --> 00:33:38,200

paranormal that you'll love the on

719

00:33:42,630 --> 00:33:40,960

xnetwork.com the x is your streaming

720

00:33:45,830 --> 00:33:42,640

audio and video for everything

721

00:33:49,269 --> 00:33:45,840

supernatural strange and mysterious like

722

00:33:51,590 --> 00:33:49,279

ufos bigfoot ghosts and so much more

723

00:33:54,950 --> 00:33:51,600

from hosts like jimmy church whitley

724

00:33:57,509 --> 00:33:54,960

strieber micah hanks and christina gomez

725

00:33:59,669 --> 00:33:57,519

visit the unexnetwork.com show page for

726

00:34:02,149 --> 00:33:59,679

a complete list of all the paranormal

727

00:34:04,830 --> 00:34:02,159

programs you'll find on the axe be sure

728

00:34:07,590 --> 00:34:04,840

to follow us on twitter for updates at

729

00:34:10,710 --> 00:34:07,600

kunxdb follow our facebook group an

730

00:34:13,990 --> 00:34:10,720

x-network find the podcast on spotify

731

00:34:15,829 --> 00:34:14,000

iheart audible and apple podcast it's

732

00:34:19,430 --> 00:34:15,839

time it's new

733

00:34:21,589 --> 00:34:19,440

is the x

734

00:34:24,310 --> 00:34:21,599

right now the world couldn't be more

735

00:34:27,190 --> 00:34:24,320

chaotic history shows us what gold does

736

00:34:29,669 --> 00:34:27,200

when the world goes crazy it goes up in

737

00:34:32,389 --> 00:34:29,679

value right now we're in unprecedented

738

00:34:35,270 --> 00:34:32,399

times pandemic the war in ukraine the

739

00:34:37,349 --> 00:34:35,280

evaluation of the us dollar gold and

740

00:34:39,270 --> 00:34:37,359

other precious metals are a defense

741

00:34:41,829 --> 00:34:39,280

measure against the hyper inflation

742

00:34:44,149 --> 00:34:41,839

that's happening right now so what can

743

00:34:46,710 --> 00:34:44,159

you do to protect yourself call my

744

00:34:48,869 --> 00:34:46,720

friend alan johnson at united gold group

745

00:34:50,950 --> 00:34:48,879

he's dedicated to helping people secure

746

00:34:53,430 --> 00:34:50,960

their retirement income he'll help you

747

00:34:55,589 --> 00:34:53,440

with gold with silver and other precious

748

00:34:59,109 --> 00:34:55,599

metals and show you how to set up your

749

00:35:01,430 --> 00:34:59,119

own self-directed ira safe and secure

750

00:35:03,750 --> 00:35:01,440

united gold group makes gold ownership

751
00:35:06,550 --> 00:35:03,760
easy and affordable there couldn't be a

752
00:35:08,230 --> 00:35:06,560
better time so call now and get a silver

753
00:35:13,670 --> 00:35:08,240
american eagle proof set with a

754
00:35:13,680 --> 00:35:17,670
that's 800-753

755
00:35:24,710 --> 00:35:20,710
or visit unitedgoldgroup.com

756
00:35:30,390 --> 00:35:24,720
reach out to my friend alan johnson

757
00:35:33,589 --> 00:35:32,150
to black

758
00:35:36,150 --> 00:35:33,599
is not

759
00:35:40,310 --> 00:35:36,160
your father's radio show

760
00:35:42,390 --> 00:35:40,320
on the game changer radio network

761
00:35:43,670 --> 00:35:42,400
hi this is rob reiner from anvil and

762
00:35:46,950 --> 00:35:43,680
you're listening to jimmy

763
00:35:52,540 --> 00:35:48,829

what's up chris what up this

764

00:36:09,109 --> 00:35:52,550

is jimmy church radio

765

00:36:13,910 --> 00:36:11,510

all right welcome back fade to black i

766

00:36:16,630 --> 00:36:13,920

am your host jimmy church

767

00:36:18,550 --> 00:36:16,640

our guest tonight is me we are doing the

768

00:36:20,470 --> 00:36:18,560

secrets of time travel tonight there's a

769

00:36:21,990 --> 00:36:20,480

lot to discuss

770

00:36:23,430 --> 00:36:22,000

and uh

771

00:36:25,510 --> 00:36:23,440

i i think i've got a pretty good

772

00:36:26,390 --> 00:36:25,520

presentation put together

773

00:36:29,190 --> 00:36:26,400

and

774

00:36:32,470 --> 00:36:29,200

the thing is about time travel

775

00:36:34,630 --> 00:36:32,480

it's it's so complex it's so deep and

776

00:36:36,310 --> 00:36:34,640

there's so many theories and ideas out

777

00:36:37,109 --> 00:36:36,320

there a show like this tonight even

778

00:36:38,550 --> 00:36:37,119

though

779

00:36:40,310 --> 00:36:38,560

it's going to be a full two and a half

780

00:36:43,430 --> 00:36:40,320

hours

781

00:36:46,710 --> 00:36:43,440

it's just going to scratch the surface

782

00:36:48,310 --> 00:36:46,720

and uh i can see a part two coming up

783

00:36:50,550 --> 00:36:48,320

where we can take any one of the

784

00:36:53,430 --> 00:36:50,560

subjects tonight that i am going to

785

00:36:56,069 --> 00:36:53,440

discuss and expand that out into two and

786

00:36:57,430 --> 00:36:56,079

a half hours because one thing is for

787

00:36:59,109 --> 00:36:57,440

sure

788

00:37:02,390 --> 00:36:59,119

time travel

789

00:37:04,150 --> 00:37:02,400

is one of the most fun

790

00:37:04,950 --> 00:37:04,160

one of the most crazy and one of the

791

00:37:07,430 --> 00:37:04,960

most

792

00:37:09,829 --> 00:37:07,440

romantic ideas

793

00:37:11,670 --> 00:37:09,839

that we can have right what if we could

794

00:37:13,990 --> 00:37:11,680

time travel

795

00:37:15,430 --> 00:37:14,000

what what if we could go back and fix

796

00:37:19,270 --> 00:37:15,440

something

797

00:37:23,109 --> 00:37:19,280

you know a relationship that went wrong

798

00:37:26,470 --> 00:37:23,119

your grades in school maybe you would

799

00:37:27,750 --> 00:37:26,480

uh have actually gone to college

800

00:37:29,750 --> 00:37:27,760

right

801
00:37:31,990 --> 00:37:29,760
you know your job

802
00:37:35,349 --> 00:37:32,000
your career

803
00:37:37,750 --> 00:37:35,359
you know and and and go back it is

804
00:37:41,430 --> 00:37:37,760
again it's just

805
00:37:43,589 --> 00:37:41,440
uh a romantic warm thought

806
00:37:45,030 --> 00:37:43,599
to be able to go back and do these

807
00:37:46,069 --> 00:37:45,040
things

808
00:37:48,230 --> 00:37:46,079
now

809
00:37:50,390 --> 00:37:48,240
in some instances

810
00:37:52,069 --> 00:37:50,400
a lot of us think that this is a modern

811
00:37:56,150 --> 00:37:52,079
concept

812
00:37:58,630 --> 00:37:56,160
that this is a a technological thing

813
00:38:01,589 --> 00:37:58,640

right um no

814

00:38:05,349 --> 00:38:01,599

uh time travel has been discussed for

815

00:38:06,630 --> 00:38:05,359

thousands of years right or maybe it

816

00:38:09,109 --> 00:38:06,640

would be to

817

00:38:11,109 --> 00:38:09,119

go to the future

818

00:38:14,310 --> 00:38:11,119

right to see where things end up with

819

00:38:15,349 --> 00:38:14,320

you or maybe into the far and distant

820

00:38:18,310 --> 00:38:15,359

future

821

00:38:21,510 --> 00:38:18,320

you know thousands of years to see where

822

00:38:23,670 --> 00:38:21,520

humanity is and and earth and and all of

823

00:38:25,910 --> 00:38:23,680

that and what technology

824

00:38:28,790 --> 00:38:25,920

is going to be like then

825

00:38:31,510 --> 00:38:28,800

you know all of these ideas are there

826

00:38:33,430 --> 00:38:31,520

and and i get it and i do it too i have

827

00:38:35,750 --> 00:38:33,440

thought about it i have discussed this

828

00:38:38,790 --> 00:38:35,760

on the show you know what if

829

00:38:39,910 --> 00:38:38,800

what if i went back in time

830

00:38:47,190 --> 00:38:39,920

and

831

00:38:51,349 --> 00:38:47,200

of of van halen ii right

832

00:38:52,230 --> 00:38:51,359

uh my nightstand in 1977

833

00:38:58,950 --> 00:38:52,240

or

834

00:39:04,870 --> 00:39:02,710

david lee roth's eden smile

835

00:39:07,910 --> 00:39:04,880

with steve vi and you know what if i put

836

00:39:10,150 --> 00:39:07,920

that on my nightstand

837

00:39:11,589 --> 00:39:10,160

what would have happened to me as as a

838

00:39:14,310 --> 00:39:11,599

guitar player

839

00:39:16,150 --> 00:39:14,320

you know and and and i've i've thought

840

00:39:19,190 --> 00:39:16,160

about these things and i've discussed

841

00:39:22,870 --> 00:39:19,200

them and all of the all of this

842

00:39:25,990 --> 00:39:24,310

but

843

00:39:27,430 --> 00:39:26,000

it's not modern

844

00:39:29,109 --> 00:39:27,440

it's not

845

00:39:32,870 --> 00:39:29,119

it goes back

846

00:39:35,750 --> 00:39:32,880

thousands and thousands of years

847

00:39:37,349 --> 00:39:35,760

some ancient myths depict

848

00:39:39,670 --> 00:39:37,359

a character

849

00:39:43,910 --> 00:39:39,680

skipping forward in time

850

00:39:47,190 --> 00:39:43,920

some some go back in hindu mythology

851
00:39:49,349 --> 00:39:47,200
the vishnu piranha mentions the story of

852
00:39:52,230 --> 00:39:49,359
king kak moody

853
00:39:54,790 --> 00:39:52,240
who travels to heaven

854
00:39:56,550 --> 00:39:54,800
to meet the creator of brahma and is

855
00:39:57,589 --> 00:39:56,560
surprised to learn that when he returns

856
00:40:00,950 --> 00:39:57,599
to earth

857
00:40:02,790 --> 00:40:00,960
that many ages have passed

858
00:40:06,470 --> 00:40:02,800
the buddhist canon

859
00:40:09,829 --> 00:40:06,480
mentions the relativity of time

860
00:40:12,790 --> 00:40:09,839
the the payasi suda tells one of the

861
00:40:14,550 --> 00:40:12,800
buddha's chief disciples his name is

862
00:40:17,829 --> 00:40:14,560
kumara kasapa

863
00:40:18,630 --> 00:40:17,839

who explains to the skeptic paiosi

864

00:40:20,870 --> 00:40:18,640

that

865

00:40:22,870 --> 00:40:20,880

time in the heavens

866

00:40:25,109 --> 00:40:22,880

passes differently

867

00:40:27,349 --> 00:40:25,119

than on earth

868

00:40:32,870 --> 00:40:27,359

then we have the japanese tale

869

00:40:36,550 --> 00:40:34,710

and that right there is time travel

870

00:40:38,630 --> 00:40:36,560

that's the universe reaching out to me

871

00:40:40,790 --> 00:40:38,640

going this is important

872

00:40:42,790 --> 00:40:40,800

now you must sneeze

873

00:40:43,829 --> 00:40:42,800

stay focused

874

00:40:47,030 --> 00:40:43,839

now

875

00:40:48,230 --> 00:40:47,040

the rashima tara which tells of a young

876

00:40:50,470 --> 00:40:48,240

fisherman

877

00:40:52,630 --> 00:40:50,480

who visits an undersea palace i've

878

00:40:55,750 --> 00:40:52,640

discussed this before in the show

879

00:40:59,430 --> 00:40:55,760

after three days he returns to his home

880

00:41:00,790 --> 00:40:59,440

village and finds himself 300 years in

881

00:41:03,430 --> 00:41:00,800

the future

882

00:41:05,829 --> 00:41:03,440

where he has been forgotten

883

00:41:08,069 --> 00:41:05,839

another sneeze is coming

884

00:41:11,030 --> 00:41:08,079

his house is in ruins

885

00:41:14,710 --> 00:41:11,040

his family has died

886

00:41:17,270 --> 00:41:14,720

in the jewish tradition a 1st century bc

887

00:41:19,510 --> 00:41:17,280

scholar 100 bc

888

00:41:22,710 --> 00:41:19,520

is said to have fallen asleep and slept

889

00:41:24,470 --> 00:41:22,720

for 70 years when waking up he returned

890

00:41:26,069 --> 00:41:24,480

home but found

891

00:41:29,030 --> 00:41:26,079

none of the people that he knew that he

892

00:41:30,230 --> 00:41:29,040

grew up with and no one believed his

893

00:41:32,790 --> 00:41:30,240

claims

894

00:41:36,150 --> 00:41:32,800

of who he was

895

00:41:37,990 --> 00:41:36,160

now today there are hundreds of versions

896

00:41:40,309 --> 00:41:38,000

of time travel

897

00:41:41,270 --> 00:41:40,319

but we can break everything down pretty

898

00:41:45,430 --> 00:41:41,280

much

899

00:41:47,990 --> 00:41:45,440

into three basic themes we have first

900

00:41:51,750 --> 00:41:48,000

you know the time traveler who takes

901
00:41:53,030 --> 00:41:51,760
hold of a special device or steps into a

902
00:41:55,430 --> 00:41:53,040
machine

903
00:41:58,870 --> 00:41:55,440
and suddenly disappears

904
00:42:01,670 --> 00:41:58,880
then appears at an earlier or later time

905
00:42:03,430 --> 00:42:01,680
the time traveler experiences no lapse

906
00:42:04,630 --> 00:42:03,440
of time between the departure and the

907
00:42:06,750 --> 00:42:04,640
arrival

908
00:42:08,870 --> 00:42:06,760
from their point of view they

909
00:42:11,589 --> 00:42:08,880
instantaneously appear

910
00:42:12,790 --> 00:42:11,599
at the destination time so that's kind

911
00:42:14,390 --> 00:42:12,800
of like

912
00:42:16,790 --> 00:42:14,400
the first version

913
00:42:19,990 --> 00:42:16,800

and i've compiled you know 50 versions

914

00:42:21,589 --> 00:42:20,000

of time travel into that but you get you

915

00:42:24,150 --> 00:42:21,599

get what i'm saying

916

00:42:27,270 --> 00:42:24,160

and then we have the time traveler who

917

00:42:28,870 --> 00:42:27,280

steps into an ordinary rocket ship

918

00:42:31,270 --> 00:42:28,880

flies off

919

00:42:32,390 --> 00:42:31,280

you know on a course takes off in a

920

00:42:35,190 --> 00:42:32,400

direction

921

00:42:37,589 --> 00:42:35,200

and at no point do they disappear they

922

00:42:39,270 --> 00:42:37,599

don't disappear they're always there yet

923

00:42:41,910 --> 00:42:39,280

thanks to the overall structure of

924

00:42:44,470 --> 00:42:41,920

space-time as as conceived in the

925

00:42:47,349 --> 00:42:44,480

general theory of relativity the

926
00:42:48,870 --> 00:42:47,359
traveler arrives at a point in the past

927
00:42:51,589 --> 00:42:48,880
or the future

928
00:42:53,670 --> 00:42:51,599
somewhere out there in space right okay

929
00:42:55,750 --> 00:42:53,680
then we have

930
00:42:57,750 --> 00:42:55,760
einstein

931
00:42:59,589 --> 00:42:57,760
where the time traveler steps into

932
00:43:01,270 --> 00:42:59,599
another ordinary

933
00:43:03,030 --> 00:43:01,280
rocket

934
00:43:05,750 --> 00:43:03,040
right some kind of

935
00:43:07,670 --> 00:43:05,760
interstellar spacecraft flies off at

936
00:43:08,710 --> 00:43:07,680
high speed trying to get to the speed of

937
00:43:11,910 --> 00:43:08,720
light

938
00:43:14,630 --> 00:43:11,920

right on a round trip when they return

939

00:43:16,790 --> 00:43:14,640

back to earth thanks to certain you know

940

00:43:18,309 --> 00:43:16,800

effects predicted in special theory of

941

00:43:21,990 --> 00:43:18,319

relativity

942

00:43:24,069 --> 00:43:22,000

only a small amount of time has elapsed

943

00:43:24,950 --> 00:43:24,079

on the spaceship

944

00:43:28,630 --> 00:43:24,960

right

945

00:43:30,630 --> 00:43:28,640

for them but they get back here

946

00:43:32,069 --> 00:43:30,640

you know they've only aged a few months

947

00:43:34,309 --> 00:43:32,079

but

948

00:43:37,430 --> 00:43:34,319

hundreds of years maybe thousands of

949

00:43:39,349 --> 00:43:37,440

years have passed here on earth

950

00:43:41,109 --> 00:43:39,359

since their time of departure and

951

00:43:42,790 --> 00:43:41,119

everything has changed

952

00:43:45,430 --> 00:43:42,800

everybody has died

953

00:43:48,550 --> 00:43:45,440

and that's another aspect to time travel

954

00:43:51,349 --> 00:43:48,560

you know do you really want to

955

00:43:54,390 --> 00:43:51,359

do something like that knowing it's a

956

00:43:56,550 --> 00:43:54,400

one-way trip that when you return your

957

00:43:57,670 --> 00:43:56,560

friends your family everything that you

958

00:43:59,190 --> 00:43:57,680

knew

959

00:44:01,030 --> 00:43:59,200

they're all dead

960

00:44:02,710 --> 00:44:01,040

they're gone

961

00:44:04,950 --> 00:44:02,720

you know and it's it's like taking a

962

00:44:07,589 --> 00:44:04,960

one-way trip to mars are you willing to

963

00:44:10,630 --> 00:44:07,599

do that that's an aspect of time travel

964

00:44:14,230 --> 00:44:10,640

that isn't discussed much but there's an

965

00:44:17,829 --> 00:44:14,240

entire philosophical side to time travel

966

00:44:20,710 --> 00:44:17,839

that we will also get into tonight now

967

00:44:23,030 --> 00:44:20,720

early science fiction stories which

968

00:44:24,230 --> 00:44:23,040

which kind of came next you know after

969

00:44:26,390 --> 00:44:24,240

all of the

970

00:44:29,910 --> 00:44:26,400

the deep religious writings from

971

00:44:31,589 --> 00:44:29,920

thousands of uh years ago

972

00:44:34,069 --> 00:44:31,599

you have these science fiction stories

973

00:44:35,670 --> 00:44:34,079

that started to surface featuring

974

00:44:38,390 --> 00:44:35,680

characters who

975

00:44:41,270 --> 00:44:38,400

who sleep for years and awaken in a

976

00:44:43,829 --> 00:44:41,280

changed society or transported to the

977

00:44:46,630 --> 00:44:43,839

past through supernatural means

978

00:44:48,630 --> 00:44:46,640

among them were different books like the

979

00:44:51,109 --> 00:44:48,640

year 2440

980

00:44:52,630 --> 00:44:51,119

a dream if ever there was one but that

981

00:44:53,950 --> 00:44:52,640

was published

982

00:44:57,109 --> 00:44:53,960

in

983

00:44:59,589 --> 00:44:57,119

1770 by mercier

984

00:45:04,069 --> 00:44:59,599

then you have rip van winkle right that

985

00:45:06,150 --> 00:45:04,079

was written in 1819 by washington irving

986

00:45:09,670 --> 00:45:06,160

and you've got looking backward

987

00:45:13,589 --> 00:45:09,680

published in 1888 by edward bellamy all

988

00:45:15,109 --> 00:45:13,599

of these fantastic time travel books

989

00:45:16,550 --> 00:45:15,119

but then

990

00:45:19,829 --> 00:45:16,560

for me

991

00:45:22,069 --> 00:45:19,839

it starts with the time machine

992

00:45:27,670 --> 00:45:22,079

h.g wells

993

00:45:32,950 --> 00:45:31,190

absolutely incredible 1895.

994

00:45:36,230 --> 00:45:32,960

and we have

995

00:45:39,990 --> 00:45:36,240

the time machine as depicted in the book

996

00:45:42,230 --> 00:45:40,000

uh this is from uh the movie in 1960

997

00:45:43,990 --> 00:45:42,240

um and many models of this you can go

998

00:45:46,309 --> 00:45:44,000

out and build your own model i haven't

999

00:45:48,550 --> 00:45:46,319

done it yet but but i think i'm heading

1000

00:45:51,349 --> 00:45:48,560

in that direction here pretty soon

1001
00:45:53,430 --> 00:45:51,359
um where you've got a couple of levers

1002
00:45:54,790 --> 00:45:53,440
right you're pulling it down you choose

1003
00:45:57,750 --> 00:45:54,800
your date

1004
00:45:59,589 --> 00:45:57,760
right that magnetic wheel thing in the

1005
00:46:00,790 --> 00:45:59,599
background starts spinning and the next

1006
00:46:03,829 --> 00:46:00,800
thing you know

1007
00:46:05,349 --> 00:46:03,839
you've gone back in time or in to the

1008
00:46:08,390 --> 00:46:05,359
distant future

1009
00:46:09,510 --> 00:46:08,400
hg wells change things but let's let's

1010
00:46:13,270 --> 00:46:09,520
remember

1011
00:46:13,280 --> 00:46:17,589
and then of course we have

1012
00:46:22,870 --> 00:46:19,910
mark twain

1013
00:46:26,390 --> 00:46:22,880

that's right a connecticut yankee

1014

00:46:29,670 --> 00:46:26,400

in king arthur's court that was written

1015

00:46:33,430 --> 00:46:29,680

in 1888

1016

00:46:35,910 --> 00:46:33,440

both of these books at that time

1017

00:46:38,550 --> 00:46:35,920

caused people to think

1018

00:46:40,550 --> 00:46:38,560

and and really we were in the middle of

1019

00:46:42,150 --> 00:46:40,560

a technical revolution

1020

00:46:44,790 --> 00:46:42,160

um we were in the middle of the

1021

00:46:48,150 --> 00:46:44,800

industrial age electricity was

1022

00:46:51,349 --> 00:46:48,160

was here we had the telegraph

1023

00:46:54,710 --> 00:46:51,359

um we had thomas edison and and the

1024

00:46:57,109 --> 00:46:54,720

telephone and and and graham bell and

1025

00:46:59,430 --> 00:46:57,119

and the recording of the voice for the

1026

00:47:02,309 --> 00:46:59,440

first time all of this was going down

1027

00:47:04,710 --> 00:47:02,319

and the introduction of things like this

1028

00:47:07,430 --> 00:47:04,720

where time travel was possible

1029

00:47:09,109 --> 00:47:07,440

uh really caused people to think

1030

00:47:11,829 --> 00:47:09,119

but this wasn't

1031

00:47:13,750 --> 00:47:11,839

this wasn't where it started

1032

00:47:16,630 --> 00:47:13,760

started with

1033

00:47:21,670 --> 00:47:18,470

plato

1034

00:47:24,630 --> 00:47:21,680

around 400 bc

1035

00:47:26,470 --> 00:47:24,640

plato wrote about societies

1036

00:47:28,950 --> 00:47:26,480

whose time

1037

00:47:31,030 --> 00:47:28,960

ran backwards

1038

00:47:33,670 --> 00:47:31,040

now i want you to think about this for a

1039

00:47:37,589 --> 00:47:33,680

second 400 bc

1040

00:47:40,470 --> 00:47:37,599

plato a historian and a philosopher

1041

00:47:42,549 --> 00:47:40,480

wrote about his experiences and what he

1042

00:47:45,910 --> 00:47:42,559

had learned

1043

00:47:46,950 --> 00:47:45,920

from societies whose time

1044

00:47:49,030 --> 00:47:46,960

ran

1045

00:47:51,510 --> 00:47:49,040

backwards

1046

00:47:53,349 --> 00:47:51,520

it didn't run

1047

00:47:55,030 --> 00:47:53,359

forwards

1048

00:47:58,150 --> 00:47:55,040

i want you to think about that for a

1049

00:48:00,230 --> 00:47:58,160

second it is such a deep concept and as

1050

00:48:02,950 --> 00:48:00,240

you jump down this rabbit hole of

1051
00:48:06,309 --> 00:48:02,960
research you find that plato

1052
00:48:09,430 --> 00:48:06,319
wasn't the only one who wrote about this

1053
00:48:12,069 --> 00:48:09,440
and the concept of living in a world

1054
00:48:15,109 --> 00:48:12,079
where time runs backwards

1055
00:48:17,030 --> 00:48:15,119
is a heavy thought and we apply it today

1056
00:48:18,829 --> 00:48:17,040
with the way that we think

1057
00:48:22,150 --> 00:48:18,839
and with time

1058
00:48:24,309 --> 00:48:22,160
uh change things if it ran backwards

1059
00:48:26,069 --> 00:48:24,319
do we grow younger

1060
00:48:27,750 --> 00:48:26,079
no

1061
00:48:30,470 --> 00:48:27,760
you grow older

1062
00:48:32,549 --> 00:48:30,480
but the days run in reverse

1063
00:48:36,829 --> 00:48:32,559

think about that

1064

00:48:39,910 --> 00:48:36,839

it's absolutely crazy and that was

1065

00:48:41,750 --> 00:48:39,920

2500 years ago

1066

00:48:46,470 --> 00:48:41,760

now

1067

00:48:48,470 --> 00:48:46,480

when we when we discuss this

1068

00:48:51,510 --> 00:48:48,480

what evidence do we have

1069

00:48:54,309 --> 00:48:51,520

about time travelers

1070

00:48:56,309 --> 00:48:54,319

it's a it's a very strange world that's

1071

00:48:59,829 --> 00:48:56,319

going on out there

1072

00:49:02,390 --> 00:48:59,839

and if uh you examine some of these

1073

00:49:03,990 --> 00:49:02,400

images that i'm about to uh present to

1074

00:49:05,030 --> 00:49:04,000

you and and one of them for the first

1075

00:49:08,069 --> 00:49:05,040

time

1076

00:49:09,990 --> 00:49:08,079

um let's take a look at this

1077

00:49:12,230 --> 00:49:10,000

this is a time traveler that might have

1078

00:49:16,230 --> 00:49:12,240

been caught on film

1079

00:49:19,109 --> 00:49:16,240

this was a 1928 charlie chaplin film

1080

00:49:22,470 --> 00:49:19,119

apparently shows a woman

1081

00:49:25,910 --> 00:49:22,480

using a cell phone

1082

00:49:32,470 --> 00:49:29,589

this is taken in the 1930s

1083

00:49:33,510 --> 00:49:32,480

this gentleman is completely out of

1084

00:49:36,950 --> 00:49:33,520

place

1085

00:49:40,069 --> 00:49:36,960

with everybody else that is there

1086

00:49:43,349 --> 00:49:40,079

he's got a t-shirt with a logo on it

1087

00:49:46,230 --> 00:49:43,359

he's got wrap-around sunglasses he's got

1088

00:49:47,750 --> 00:49:46,240

a modern haircut

1089

00:49:50,150 --> 00:49:47,760

he's got a little

1090

00:49:54,309 --> 00:49:50,160

a little a little growth

1091

00:49:56,309 --> 00:49:54,319

of a beard and it appears

1092

00:49:58,390 --> 00:49:56,319

that he's got some kind of device in his

1093

00:50:00,950 --> 00:49:58,400

hand

1094

00:50:03,190 --> 00:50:00,960

now some say it's a camera some say that

1095

00:50:06,230 --> 00:50:03,200

these these glasses were typical of the

1096

00:50:07,990 --> 00:50:06,240

day some even say they wore logo shirts

1097

00:50:10,630 --> 00:50:08,000

in the 1930s

1098

00:50:14,710 --> 00:50:10,640

well i never saw any of it and this

1099

00:50:16,230 --> 00:50:14,720

image is certainly an interesting one

1100

00:50:19,990 --> 00:50:16,240

next

1101
00:50:24,470 --> 00:50:21,910
is mine

1102
00:50:25,670 --> 00:50:24,480
this photograph was sent to me from a

1103
00:50:26,950 --> 00:50:25,680
friend of mine that i went to high

1104
00:50:30,230 --> 00:50:26,960
school with

1105
00:50:32,150 --> 00:50:30,240
um i've never published it uh before

1106
00:50:36,069 --> 00:50:32,160
i've had it for

1107
00:50:37,030 --> 00:50:36,079
for probably six or seven years

1108
00:50:38,829 --> 00:50:37,040
and

1109
00:50:42,630 --> 00:50:38,839
this friend her name is

1110
00:50:44,790 --> 00:50:42,640
julie who i recently saw in indianapolis

1111
00:50:46,710 --> 00:50:44,800
and we talked about this photograph

1112
00:50:49,510 --> 00:50:46,720
she sent this to me she goes jimmy i'm

1113
00:50:52,549 --> 00:50:49,520

going through our family albums

1114

00:50:55,270 --> 00:50:52,559

and i found this

1115

00:50:57,430 --> 00:50:55,280

it's my sister

1116

00:51:00,230 --> 00:50:57,440

using a cell phone

1117

00:51:02,270 --> 00:51:00,240

in the 1970s

1118

00:51:05,109 --> 00:51:02,280

and now

1119

00:51:06,470 --> 00:51:05,119

obviously right

1120

00:51:09,030 --> 00:51:06,480

i don't know

1121

00:51:10,790 --> 00:51:09,040

it's just an interesting photograph and

1122

00:51:12,710 --> 00:51:10,800

this was taken

1123

00:51:16,069 --> 00:51:12,720

by a friend of mine

1124

00:51:17,910 --> 00:51:16,079

and i i go back i've i've i

1125

00:51:19,510 --> 00:51:17,920

i've had this photograph as a

1126

00:51:21,829 --> 00:51:19,520

screensaver

1127

00:51:22,870 --> 00:51:21,839

i constantly go back that's her mom

1128

00:51:24,950 --> 00:51:22,880

sitting there

1129

00:51:26,710 --> 00:51:24,960

um i constantly go back and look at this

1130

00:51:29,349 --> 00:51:26,720

and think to myself what

1131

00:51:30,390 --> 00:51:29,359

what is going on in this picture

1132

00:51:33,270 --> 00:51:30,400

now

1133

00:51:35,510 --> 00:51:33,280

uh does she remember a cell phone in the

1134

00:51:38,549 --> 00:51:35,520

family no alternative

1135

00:51:41,030 --> 00:51:38,559

uh an alternate timeline maybe some kind

1136

00:51:43,349 --> 00:51:41,040

of mandela effect possibly

1137

00:51:46,309 --> 00:51:43,359

but the photograph itself

1138

00:51:48,870 --> 00:51:46,319

is an interesting one

1139

00:51:51,270 --> 00:51:48,880

let's go here

1140

00:51:55,589 --> 00:51:51,280

in this image

1141

00:51:58,950 --> 00:51:55,599

uh this was taken in uh around 1890 to

1142

00:52:01,910 --> 00:51:58,960

1900 this is a group of miners

1143

00:52:03,670 --> 00:52:01,920

and what is interesting here

1144

00:52:05,349 --> 00:52:03,680

is the gentleman

1145

00:52:07,829 --> 00:52:05,359

that is sitting

1146

00:52:09,670 --> 00:52:07,839

in the lower left-hand corner now when

1147

00:52:12,549 --> 00:52:09,680

you look at the way that everybody else

1148

00:52:14,309 --> 00:52:12,559

is dressed here everybody is dressed

1149

00:52:16,710 --> 00:52:14,319

identical

1150

00:52:18,630 --> 00:52:16,720

except for

1151
00:52:21,510 --> 00:52:18,640
this dude

1152
00:52:23,349 --> 00:52:21,520
he's got a t-shirt shorts

1153
00:52:24,950 --> 00:52:23,359
modern haircut

1154
00:52:27,109 --> 00:52:24,960
and look at the guy next to him

1155
00:52:29,349 --> 00:52:27,119
everybody else is wearing a hat let's go

1156
00:52:31,430 --> 00:52:29,359
back to the previous photograph

1157
00:52:34,150 --> 00:52:31,440
and you can see him sitting on the rock

1158
00:52:36,470 --> 00:52:34,160
in the lower left hand corner

1159
00:52:39,030 --> 00:52:36,480
everybody looks the same

1160
00:52:41,910 --> 00:52:39,040
except for this guy

1161
00:52:44,150 --> 00:52:41,920
evidence of a time traveler

1162
00:52:45,589 --> 00:52:44,160
you know possibly

1163
00:52:48,630 --> 00:52:45,599

maybe

1164

00:52:51,510 --> 00:52:48,640

but it's an interesting photograph

1165

00:52:55,430 --> 00:52:51,520

here's a picture that was given

1166

00:52:57,829 --> 00:52:55,440

uh to all of us from andrew bashago

1167

00:52:59,670 --> 00:52:57,839

uh andrew you know the the famous time

1168

00:53:01,589 --> 00:52:59,680

traveler that is part of our community

1169

00:53:02,790 --> 00:53:01,599

and i've done a couple of tv shows with

1170

00:53:05,030 --> 00:53:02,800

him and

1171

00:53:07,829 --> 00:53:05,040

and uh and other things he's been on

1172

00:53:10,230 --> 00:53:07,839

fade to black many times and he tells of

1173

00:53:12,309 --> 00:53:10,240

this photograph this is the gettysburg

1174

00:53:15,430 --> 00:53:12,319

address

1175

00:53:17,030 --> 00:53:15,440

with uh president abraham lincoln and

1176
00:53:20,390 --> 00:53:17,040
andrew says

1177
00:53:23,270 --> 00:53:20,400
that that is a picture of him

1178
00:53:25,349 --> 00:53:23,280
at the age of five

1179
00:53:27,190 --> 00:53:25,359
at the gettysburg address

1180
00:53:28,950 --> 00:53:27,200
and he goes on to say that when he

1181
00:53:32,069 --> 00:53:28,960
transported back

1182
00:53:34,870 --> 00:53:32,079
that he didn't have any shoes

1183
00:53:37,349 --> 00:53:34,880
and that he was wearing a pair of

1184
00:53:39,349 --> 00:53:37,359
oversized boots

1185
00:53:40,950 --> 00:53:39,359
and he describes how he got his clothes

1186
00:53:43,430 --> 00:53:40,960
and everything else

1187
00:53:46,230 --> 00:53:43,440
for this photograph to be taken he says

1188
00:53:49,069 --> 00:53:46,240

he remembers the photograph being taken

1189

00:53:52,069 --> 00:53:49,079

um nonetheless there could be a simple

1190

00:53:53,270 --> 00:53:52,079

explanation uh to this image

1191

00:53:55,510 --> 00:53:53,280

but uh

1192

00:53:59,109 --> 00:53:55,520

this was first presented to me

1193

00:54:01,670 --> 00:53:59,119

by andrew michigan and it is

1194

00:54:05,349 --> 00:54:01,680

it's a cool photograph anyway

1195

00:54:09,589 --> 00:54:07,030

there there is

1196

00:54:11,349 --> 00:54:09,599

uh a few photographs that i'm going to

1197

00:54:13,349 --> 00:54:11,359

show including the one that i showed you

1198

00:54:16,390 --> 00:54:13,359

for my friend julie uh that i went to

1199

00:54:19,030 --> 00:54:16,400

school with who's married to my uh

1200

00:54:21,670 --> 00:54:19,040

former roommate and best friend bruce

1201
00:54:24,790 --> 00:54:21,680
i've known julie for a long long time um

1202
00:54:26,470 --> 00:54:24,800
a lot of pictures of people in the past

1203
00:54:29,030 --> 00:54:26,480
you know like the charlie chaplin film

1204
00:54:31,990 --> 00:54:29,040
that appear to be on a cell phone

1205
00:54:33,910 --> 00:54:32,000
and here is a picture from the early

1206
00:54:35,430 --> 00:54:33,920
1950s

1207
00:54:36,950 --> 00:54:35,440
of some ladies

1208
00:54:39,270 --> 00:54:36,960
crossing a street

1209
00:54:41,829 --> 00:54:39,280
and here you see

1210
00:54:44,470 --> 00:54:41,839
somebody texting

1211
00:54:46,789 --> 00:54:44,480
now i don't know what maybe it's a

1212
00:54:49,589 --> 00:54:46,799
compact maybe it's a mirror maybe she's

1213
00:54:51,510 --> 00:54:49,599

looking i i don't know

1214

00:54:53,510 --> 00:54:51,520

but i see

1215

00:54:56,630 --> 00:54:53,520

somebody texting

1216

00:54:56,640 --> 00:54:59,670

next

1217

00:55:04,630 --> 00:55:02,150

if there isn't an out of place person in

1218

00:55:07,910 --> 00:55:04,640

a photograph uh

1219

00:55:13,270 --> 00:55:10,150

look at this

1220

00:55:16,309 --> 00:55:14,630

and

1221

00:55:18,390 --> 00:55:16,319

that picture

1222

00:55:21,030 --> 00:55:18,400

aside from the people in the background

1223

00:55:24,309 --> 00:55:21,040

but the woman in this picture this

1224

00:55:26,390 --> 00:55:24,319

picture could have been taken yesterday

1225

00:55:28,150 --> 00:55:26,400

look at her outfit

1226

00:55:31,190 --> 00:55:28,160

now if somebody was walking around like

1227

00:55:33,190 --> 00:55:31,200

that in 1960 dressed in public okay i

1228

00:55:36,630 --> 00:55:33,200

i've never seen it

1229

00:55:36,640 --> 00:55:39,589

next

1230

00:55:46,549 --> 00:55:42,470

his picture is from a movie

1231

00:55:51,990 --> 00:55:48,470

that's right

1232

00:55:54,309 --> 00:55:52,000

i'm not saying it's a cell phone

1233

00:55:58,309 --> 00:55:54,319

but that looks like an iphone 6. i'm

1234

00:56:03,510 --> 00:56:00,150

this picture here you need to take a

1235

00:56:06,309 --> 00:56:03,520

really close look all right

1236

00:56:09,030 --> 00:56:06,319

right after world war ii you can see the

1237

00:56:12,549 --> 00:56:09,040

the group of military men

1238

00:56:14,870 --> 00:56:12,559

but that gentleman in the background

1239

00:56:16,710 --> 00:56:14,880

is talking on a cell phone

1240

00:56:19,829 --> 00:56:16,720

he is literally

1241

00:56:26,309 --> 00:56:21,510

what's up

1242

00:56:33,670 --> 00:56:30,390

i'm gonna save the best for last

1243

00:56:37,030 --> 00:56:33,680

early 1900s

1244

00:56:42,069 --> 00:56:39,910

donald trump is a time traveler

1245

00:56:45,190 --> 00:56:42,079

but that image

1246

00:56:49,750 --> 00:56:45,200

is not photoshopped

1247

00:56:53,990 --> 00:56:49,760

that is a family portrait taken in 1900

1248

00:56:58,870 --> 00:56:57,109

i have i have looked at uh

1249

00:57:01,750 --> 00:56:58,880

i've looked at this photograph so many

1250

00:57:06,710 --> 00:57:01,760

times and i just can't uh

1251
00:57:10,829 --> 00:57:08,470
it's uh

1252
00:57:14,630 --> 00:57:10,839
it's a strange strange

1253
00:57:16,870 --> 00:57:14,640
photograph now here's the thing

1254
00:57:18,069 --> 00:57:16,880
we can look at these i've got

1255
00:57:20,470 --> 00:57:18,079
i've got

1256
00:57:22,549 --> 00:57:20,480
dozens and dozens of photographs like

1257
00:57:25,510 --> 00:57:22,559
this that are completely out of place

1258
00:57:27,589 --> 00:57:25,520
many send them to me i research and i

1259
00:57:28,950 --> 00:57:27,599
at times i'm just looking at stuff and i

1260
00:57:30,710 --> 00:57:28,960
see stuff

1261
00:57:33,510 --> 00:57:30,720
and i save it

1262
00:57:37,670 --> 00:57:33,520
and uh yeah trump's uncle john was

1263
00:57:40,230 --> 00:57:37,680

tesla's assistant no he was uh

1264

00:57:43,430 --> 00:57:40,240

he was uh he was an engineer that was

1265

00:57:44,390 --> 00:57:43,440

sent in to get tesla's stuff after tesla

1266

00:57:46,789 --> 00:57:44,400

died

1267

00:57:48,150 --> 00:57:46,799

and uh that but that is a fact that

1268

00:57:51,510 --> 00:57:48,160

actually happened

1269

00:57:53,990 --> 00:57:51,520

so we can go and and look at all of this

1270

00:57:56,309 --> 00:57:54,000

and look at these images and i encourage

1271

00:57:58,150 --> 00:57:56,319

all of you to not only look at these

1272

00:58:00,470 --> 00:57:58,160

images here that i have sent you but to

1273

00:58:01,990 --> 00:58:00,480

look at other historical stuff and and

1274

00:58:04,390 --> 00:58:02,000

see what you see in the background just

1275

00:58:06,630 --> 00:58:04,400

take a close look if you find anything

1276

00:58:08,630 --> 00:58:06,640

interesting send it to me i would love

1277

00:58:10,309 --> 00:58:08,640

to see and if you

1278

00:58:12,870 --> 00:58:10,319

um have other stuff that you have

1279

00:58:15,190 --> 00:58:12,880

collected and seen um over the years

1280

00:58:17,510 --> 00:58:15,200

send it to me all right i will use it on

1281

00:58:20,150 --> 00:58:17,520

a future show and i certainly

1282

00:58:22,470 --> 00:58:20,160

um always want to not only find

1283

00:58:26,470 --> 00:58:22,480

something else out but but add stuff to

1284

00:58:27,670 --> 00:58:26,480

my database and continue my research so

1285

00:58:30,789 --> 00:58:27,680

definitely

1286

00:58:34,069 --> 00:58:30,799

do that when i come back after the break

1287

00:58:36,069 --> 00:58:34,079

i live in los angeles california i'm out

1288

00:58:39,030 --> 00:58:36,079

here in the mojave desert i'm about 40

1289

00:58:41,910 --> 00:58:39,040

miles north of los angeles um but i've

1290

00:58:43,589 --> 00:58:41,920

lived in hollywood lived in burbank

1291

00:58:44,870 --> 00:58:43,599

and uh

1292

00:58:47,589 --> 00:58:44,880

out here

1293

00:58:51,670 --> 00:58:47,599

hollywood is a way of life all right and

1294

00:58:54,309 --> 00:58:51,680

i've seen the trends of filmmaking

1295

00:58:57,109 --> 00:58:54,319

and and what is going on out there

1296

00:58:59,670 --> 00:58:57,119

and and i love to watch movies and i

1297

00:59:03,030 --> 00:58:59,680

love science fiction when i come back

1298

00:59:05,990 --> 00:59:03,040

after the break i am going to give you

1299

00:59:09,270 --> 00:59:06,000

and not in any particular order

1300

00:59:11,670 --> 00:59:09,280

a list of time travel movies

1301
00:59:13,829 --> 00:59:11,680
that i compiled

1302
00:59:15,910 --> 00:59:13,839
off of the top of my head they're not in

1303
00:59:17,270 --> 00:59:15,920
any order

1304
00:59:20,230 --> 00:59:17,280
they're not

1305
00:59:24,549 --> 00:59:20,240
but some of them you may not have seen

1306
00:59:25,829 --> 00:59:24,559
and uh these are endorsed

1307
00:59:28,150 --> 00:59:25,839
by me

1308
00:59:30,710 --> 00:59:28,160
and i'm gonna go through them and why i

1309
00:59:34,950 --> 00:59:30,720
think they are not only cool but some of

1310
00:59:37,829 --> 00:59:34,960
the science behind these motion pictures

1311
00:59:39,829 --> 00:59:37,839
tonight it is the secrets of time travel

1312
00:59:43,109 --> 00:59:39,839
i am your host jimmy church

1313
00:59:45,910 --> 00:59:43,119

we are just getting started i've got

1314

00:59:48,710 --> 00:59:45,920

lots of stuff i got lots of stuff you're

1315

00:59:50,950 --> 00:59:48,720

going to want to watch this

1316

00:59:53,190 --> 00:59:50,960

many many times

1317

00:59:56,150 --> 00:59:53,200

on the game changer and nx networks

1318

00:59:58,309 --> 00:59:56,160

raise hobbs i am your host jimmy church

1319

01:00:01,270 --> 00:59:58,319

this is fade to black i'll be right back

1320

01:00:03,590 --> 01:00:01,280

with more the secrets of time travel

1321

01:00:19,349 --> 01:00:03,600

right after this short break

1322

01:00:21,589 --> 01:00:19,359

[Music]

1323

01:00:25,060 --> 01:00:21,599

this is fade to black with jimmy church

1324

01:00:26,549 --> 01:00:25,070

on the game changer radio network

1325

01:00:29,030 --> 01:00:26,559

[Music]

1326
01:00:32,470 --> 01:00:29,040
your 1 million gigawatt paranormal

1327
01:00:33,990 --> 01:00:32,480
powerhouse kumx db

1328
01:00:35,910 --> 01:00:34,000
the x

1329
01:00:38,230 --> 01:00:35,920
right now eden pier is having their

1330
01:00:40,870 --> 01:00:38,240
famous boggo deal on thunderstorm air

1331
01:00:43,030 --> 01:00:40,880
purifiers one listener wrote it makes a

1332
01:00:45,670 --> 01:00:43,040
huge difference in our cat litter box

1333
01:00:48,950 --> 01:00:45,680
stink i just wish i waited for the boggo

1334
01:00:52,309 --> 01:00:48,960
deal i need another one well now's the

1335
01:00:54,710 --> 01:00:52,319
time boggo is back so when you buy one

1336
01:00:57,030 --> 01:00:54,720
thunderstorm you get one free no matter

1337
01:00:59,670 --> 01:00:57,040
how many you buy you buy two you get two

1338
01:01:01,670 --> 01:00:59,680

free you buy five you get five free the

1339

01:01:03,990 --> 01:01:01,680

thunderstorm will completely eliminate

1340

01:01:06,789 --> 01:01:04,000

any odor even the worst like pets

1341

01:01:09,430 --> 01:01:06,799

cigarette smoke urine and cooking now is

1342

01:01:12,470 --> 01:01:09,440

the time to order eden piers buy one get

1343

01:01:14,150 --> 01:01:12,480

one free sale is one week only with over

1344

01:01:16,630 --> 01:01:14,160

265

1345

01:01:19,510 --> 01:01:16,640

000 thunderstorms sold and countless

1346

01:01:21,270 --> 01:01:19,520

five-star reviews you know it works

1347

01:01:24,030 --> 01:01:21,280

people are buying several for around the

1348

01:01:26,910 --> 01:01:24,040

home and even as gifts just go to

1349

01:01:29,670 --> 01:01:26,920

edenpuredeals.com and use discount code

1350

01:01:33,030 --> 01:01:29,680

faderbogo that's faderbogo

1351

01:01:39,349 --> 01:01:37,030

is buy one get one free that's

1352

01:01:43,510 --> 01:01:39,359

discount edenpuredeals.com fader bogo

1353

01:01:45,670 --> 01:01:43,520

and as always shipping is free

1354

01:01:47,750 --> 01:01:45,680

this is billy carson founder and ceo of

1355

01:01:49,990 --> 01:01:47,760

forbidden knowledge dot tv forbidden

1356

01:01:51,750 --> 01:01:50,000

knowledge dot tb is the fastest growing

1357

01:01:53,589 --> 01:01:51,760

and one of the most watched networks in

1358

01:01:55,349 --> 01:01:53,599

the world and i would like to personally

1359

01:01:58,069 --> 01:01:55,359

invite you to check out our expanding

1360

01:02:00,390 --> 01:01:58,079

library of tv film lectures and special

1361

01:02:02,870 --> 01:02:00,400

presentations forbidden knowledge dot tv

1362

01:02:05,589 --> 01:02:02,880

has over 6 000 videos covering lost

1363

01:02:07,430 --> 01:02:05,599

history health ufos spirituality and our

1364

01:02:09,750 --> 01:02:07,440

future we are committed to our community

1365

01:02:12,150 --> 01:02:09,760

and with my personal invitation you can

1366

01:02:14,789 --> 01:02:12,160

right now get your own free 30-day

1367

01:02:17,109 --> 01:02:14,799

membership at forbidden knowledge dot tv

1368

01:02:21,829 --> 01:02:17,119

your own library of information starts

1369

01:02:23,910 --> 01:02:21,839

today at forbidden knowledge dot tv

1370

01:02:25,990 --> 01:02:23,920

because you never got that pony you

1371

01:02:27,670 --> 01:02:26,000

always wanted

1372

01:02:30,069 --> 01:02:27,680

damn it

1373

01:02:32,950 --> 01:02:30,079

jimmy church and fade to black on the

1374

01:02:36,150 --> 01:02:32,960

game changer network

1375

01:02:38,549 --> 01:02:36,160

listen i know and you know that you've

1376

01:02:40,789 --> 01:02:38,559

always wanted your first crystal skull

1377

01:02:42,950 --> 01:02:40,799

or maybe you're a collector just like me

1378

01:02:44,789 --> 01:02:42,960

but you just don't know where to go to

1379

01:02:47,430 --> 01:02:44,799

find the real thing

1380

01:02:49,430 --> 01:02:47,440

then i met carolyn ford over at einstein

1381

01:02:51,910 --> 01:02:49,440

the crystalskull.com

1382

01:02:53,829 --> 01:02:51,920

carolyn is the guardian of einstein one

1383

01:02:56,309 --> 01:02:53,839

of the most respected ancient crystal

1384

01:02:58,150 --> 01:02:56,319

skulls in the world all of her unique

1385

01:03:00,470 --> 01:02:58,160

skulls have been imprinted sitting with

1386

01:03:02,470 --> 01:03:00,480

einstein in his sacred lodge and are

1387

01:03:05,190 --> 01:03:02,480

carved from the finest gemstone and

1388

01:03:07,190 --> 01:03:05,200

materials imprinting is the process of

1389

01:03:10,789 --> 01:03:07,200

receiving the ancient wisdom from the

1390

01:03:13,270 --> 01:03:10,799

master skull or master computer einstein

1391

01:03:15,029 --> 01:03:13,280

the ancient crystal skull to see

1392

01:03:17,750 --> 01:03:15,039

carolyn's current collection of crystal

1393

01:03:20,069 --> 01:03:17,760

skulls just visit her store at einstein

1394

01:03:22,630 --> 01:03:20,079

the crystal skull.com click on the

1395

01:03:25,270 --> 01:03:22,640

banner over on our site don't forget to

1396

01:03:27,990 --> 01:03:25,280

use the promo code jimmy at checkout to

1397

01:03:30,950 --> 01:03:28,000

receive 10 off of your order today

1398

01:03:33,829 --> 01:03:30,960

that's promo code jimmy finding your

1399

01:03:44,470 --> 01:03:33,839

first or next crystal skull is easy just

1400

01:03:48,230 --> 01:03:46,309

hi this is race hobbes here repping the

1401
01:03:52,789 --> 01:03:48,240
planet and you're listening to my good

1402
01:03:57,029 --> 01:03:52,799
friend jimmy church fade to black

1403
01:04:01,270 --> 01:03:58,549
don't hurt me jimmychurchradio.com

1404
01:04:03,029 --> 01:04:01,280
i'm only little hey i'm adrian grenier

1405
01:04:05,220 --> 01:04:03,039
and this is ari gold we're the honey

1406
01:04:07,589 --> 01:04:05,230
brothers

1407
01:04:09,430 --> 01:04:07,599
[Music]

1408
01:04:11,589 --> 01:04:09,440
hey i'm adrienne grenier and i'm ari

1409
01:04:13,829 --> 01:04:11,599
gold we're the honey brothers

1410
01:04:15,430 --> 01:04:13,839
and you're listening to jimmy church a

1411
01:04:17,109 --> 01:04:15,440
revolution

1412
01:04:19,029 --> 01:04:17,119
this is jimmy churchill fade to black

1413
01:04:21,349 --> 01:04:19,039

and you can become an official fate or

1414

01:04:22,309 --> 01:04:21,359

not by just going to our membership

1415

01:04:25,589 --> 01:04:22,319

section

1416

01:04:29,990 --> 01:04:27,670

hello this is serena wright taylor from

1417

01:04:32,390 --> 01:04:30,000

conscious life expo and you're listening

1418

01:04:34,710 --> 01:04:32,400

to fade to black with jimmy church who

1419

01:04:38,309 --> 01:04:34,720

holds the lucky pony record for the best

1420

01:04:40,150 --> 01:04:38,319

astrological chart since 1963. true

1421

01:04:41,829 --> 01:04:40,160

story

1422

01:04:43,510 --> 01:04:41,839

this is micah hanks of the ghrelian

1423

01:04:49,010 --> 01:04:43,520

report and you're listening to jimmy

1424

01:05:07,990 --> 01:05:01,910

[Music]

1425

01:05:10,549 --> 01:05:08,000

welcome back fade to black i am your

1426

01:05:14,470 --> 01:05:10,559

host jimmy church tonight

1427

01:05:18,470 --> 01:05:14,480

time travel the secrets of time travel

1428

01:05:20,390 --> 01:05:18,480

we've got a lot to discuss tonight

1429

01:05:22,390 --> 01:05:20,400

we're gonna we're gonna we're gonna

1430

01:05:23,349 --> 01:05:22,400

we're gonna touch on just about every

1431

01:05:26,069 --> 01:05:23,359

angle

1432

01:05:27,109 --> 01:05:26,079

of of time travel tonight and uh i've

1433

01:05:28,950 --> 01:05:27,119

got a

1434

01:05:30,710 --> 01:05:28,960

really cool segment on john teeter

1435

01:05:34,069 --> 01:05:30,720

coming up too as well

1436

01:05:37,029 --> 01:05:34,079

and now uh like i mentioned right before

1437

01:05:40,710 --> 01:05:37,039

the break i'm in hollywood

1438

01:05:41,829 --> 01:05:40,720

i've loved uh movies uh before i ever

1439

01:05:45,430 --> 01:05:41,839

lived here

1440

01:05:46,789 --> 01:05:45,440

but uh it's really cool um uh being

1441

01:05:48,829 --> 01:05:46,799

around

1442

01:05:50,470 --> 01:05:48,839

you know my neighborhood

1443

01:05:52,950 --> 01:05:50,480

is uh

1444

01:05:56,390 --> 01:05:52,960

hollywood in general los angeles in

1445

01:05:57,670 --> 01:05:56,400

general it's full of actors and

1446

01:06:00,789 --> 01:05:57,680

and

1447

01:06:03,109 --> 01:06:00,799

you have every aspect you have sound you

1448

01:06:05,510 --> 01:06:03,119

have lights you have cameras all of the

1449

01:06:07,270 --> 01:06:05,520

productions catering right

1450

01:06:08,950 --> 01:06:07,280

costume design

1451

01:06:12,150 --> 01:06:08,960

uh staging

1452

01:06:15,510 --> 01:06:12,160

um you have producers and writers and

1453

01:06:18,390 --> 01:06:15,520

and and directors everywhere and it's a

1454

01:06:21,670 --> 01:06:18,400

great subject uh to talk about

1455

01:06:25,109 --> 01:06:21,680

and whatever aspect of it that that you

1456

01:06:28,150 --> 01:06:25,119

enjoy about film happens this is our

1457

01:06:30,630 --> 01:06:28,160

life here in hollywood and i pay a lot

1458

01:06:32,470 --> 01:06:30,640

of attention to films i like the way

1459

01:06:35,670 --> 01:06:32,480

that they're uh

1460

01:06:38,789 --> 01:06:35,680

i pay attention to the cinematography

1461

01:06:40,789 --> 01:06:38,799

how things are framed story flow i'm

1462

01:06:42,870 --> 01:06:40,799

always thinking about the hero's journey

1463

01:06:45,670 --> 01:06:42,880

and how that's applied uh to different

1464

01:06:46,950 --> 01:06:45,680

films love documentaries uh i love

1465

01:06:49,349 --> 01:06:46,960

non-fiction

1466

01:06:52,630 --> 01:06:49,359

uh filmmaking too as well

1467

01:06:55,510 --> 01:06:52,640

and and and and i enjoy it and of course

1468

01:06:57,349 --> 01:06:55,520

i'm i'm always making another film uh

1469

01:06:58,870 --> 01:06:57,359

with a group of friends and another

1470

01:07:02,309 --> 01:06:58,880

great director and

1471

01:07:06,150 --> 01:07:02,319

and and i am able to get into

1472

01:07:08,069 --> 01:07:06,160

filmmaking right well now

1473

01:07:11,670 --> 01:07:08,079

going back

1474

01:07:14,789 --> 01:07:11,680

to the my earliest memories

1475

01:07:17,349 --> 01:07:14,799

and and watching films it seems that

1476

01:07:19,510 --> 01:07:17,359

some of my most favorite films and i

1477

01:07:21,670 --> 01:07:19,520

didn't understand it then

1478

01:07:24,870 --> 01:07:21,680

are about time travel

1479

01:07:27,829 --> 01:07:24,880

and so here is my list and i'm starting

1480

01:07:30,390 --> 01:07:27,839

off uh first obviously

1481

01:07:33,829 --> 01:07:30,400

with with back to the future

1482

01:07:35,750 --> 01:07:33,839

and now i've compiled this list just off

1483

01:07:37,910 --> 01:07:35,760

of the top of my head and

1484

01:07:39,990 --> 01:07:37,920

if i would have gone back and and put

1485

01:07:41,910 --> 01:07:40,000

this in a particular order that would

1486

01:07:44,470 --> 01:07:41,920

have been pretty tough because each one

1487

01:07:48,789 --> 01:07:47,109

is great in its own way but back to the

1488

01:07:51,670 --> 01:07:48,799

future

1489

01:07:54,069 --> 01:07:51,680

you know in 1984 right

1490

01:07:57,109 --> 01:07:54,079

back to the future is unique in that it

1491

01:07:58,549 --> 01:07:57,119

was a three part film series uh you know

1492

01:07:59,349 --> 01:07:58,559

one two and three

1493

01:08:02,390 --> 01:07:59,359

where

1494

01:08:04,390 --> 01:08:02,400

back to the future part three

1495

01:08:07,510 --> 01:08:04,400

may be better

1496

01:08:10,069 --> 01:08:07,520

maybe the best film of the franchise

1497

01:08:13,270 --> 01:08:10,079

um i still go back and and

1498

01:08:15,430 --> 01:08:13,280

you know that you know part one

1499

01:08:16,789 --> 01:08:15,440

uh is as great as it is but then you

1500

01:08:18,550 --> 01:08:16,799

watch two

1501

01:08:20,709 --> 01:08:18,560

and it takes things to another level

1502

01:08:22,950 --> 01:08:20,719

then you get to three well you've got zz

1503

01:08:24,550 --> 01:08:22,960

top but aside from that

1504

01:08:26,390 --> 01:08:24,560

um

1505

01:08:28,070 --> 01:08:26,400

it takes

1506

01:08:30,870 --> 01:08:28,080

the paradox

1507

01:08:33,430 --> 01:08:30,880

ideas which we're gonna go very deep

1508

01:08:36,630 --> 01:08:33,440

into in in a few minutes

1509

01:08:38,470 --> 01:08:36,640

and and applies that in that it may be

1510

01:08:39,990 --> 01:08:38,480

cool to go back in time

1511

01:08:41,990 --> 01:08:40,000

but you're going to mess something up

1512

01:08:44,070 --> 01:08:42,000

something's going to get messed up

1513

01:08:45,910 --> 01:08:44,080

and you've got to go back and fix what

1514

01:08:48,149 --> 01:08:45,920

you already fixed

1515

01:08:51,910 --> 01:08:48,159

and they do that for three films in a

1516

01:08:53,269 --> 01:08:51,920

row and it lays out these scientific

1517

01:08:57,430 --> 01:08:53,279

concepts

1518

01:09:00,709 --> 01:08:57,440

in in a comedy series of films there's a

1519

01:09:03,110 --> 01:09:00,719

lot of heavy science that is applied in

1520

01:09:06,070 --> 01:09:03,120

back to the future one two and three

1521

01:09:08,709 --> 01:09:06,080

um and and all of it those romantic

1522

01:09:12,229 --> 01:09:08,719

ideas that that we talk about but the

1523

01:09:14,070 --> 01:09:12,239

grandfather paradox plays out centrally

1524

01:09:16,789 --> 01:09:14,080

in in all of this

1525

01:09:20,709 --> 01:09:16,799

um now the idea

1526

01:09:22,309 --> 01:09:20,719

of going back to high school

1527

01:09:24,709 --> 01:09:22,319

with your parents

1528

01:09:25,669 --> 01:09:24,719

that's about as cool of a thought as can

1529

01:09:26,630 --> 01:09:25,679

be

1530

01:09:30,630 --> 01:09:26,640

and

1531

01:09:33,910 --> 01:09:30,640

future part one

1532

01:09:38,070 --> 01:09:33,920

is is absolutely tremendous it's very

1533

01:09:39,749 --> 01:09:38,080

smart writing and that's why this

1534

01:09:42,630 --> 01:09:39,759

just popped up

1535

01:09:44,870 --> 01:09:42,640

as my first movie

1536

01:09:46,550 --> 01:09:44,880

next

1537

01:09:49,110 --> 01:09:46,560

the atom project

1538

01:09:51,669 --> 01:09:49,120

and now

1539

01:09:54,709 --> 01:09:51,679

this was just released um i think it was

1540

01:09:57,830 --> 01:09:54,719

netflix uh six months ago

1541

01:10:00,070 --> 01:09:57,840

and when you have a big budget hollywood

1542

01:10:03,350 --> 01:10:00,080

film ryan reynolds

1543

01:10:04,149 --> 01:10:03,360

uh about time travel uh i'm gonna watch

1544

01:10:09,430 --> 01:10:04,159

it

1545

01:10:10,630 --> 01:10:09,440

but what was interesting about this film

1546

01:10:12,709 --> 01:10:10,640

again

1547

01:10:15,270 --> 01:10:12,719

it's ryan reynolds

1548

01:10:18,709 --> 01:10:15,280

and his younger self

1549

01:10:20,950 --> 01:10:18,719

and again if you haven't seen the film

1550

01:10:23,430 --> 01:10:20,960

go and watch it it's very interesting

1551
01:10:25,110 --> 01:10:23,440
and the science behind it is is pretty

1552
01:10:26,950 --> 01:10:25,120
sound

1553
01:10:29,030 --> 01:10:26,960
next

1554
01:10:34,070 --> 01:10:29,040
looper

1555
01:10:37,669 --> 01:10:34,080
comes to time travel films

1556
01:10:41,350 --> 01:10:37,679
um and it's it's different

1557
01:10:43,750 --> 01:10:41,360
um in that again we've got the full uh

1558
01:10:44,470 --> 01:10:43,760
principles of the paradox playing out

1559
01:10:46,470 --> 01:10:44,480
here

1560
01:10:48,310 --> 01:10:46,480
but this this is about

1561
01:10:50,470 --> 01:10:48,320
assassins

1562
01:10:53,830 --> 01:10:50,480
that are sent backwards and forwards in

1563
01:10:57,030 --> 01:10:53,840

time uh to do some dirty work

1564

01:10:58,950 --> 01:10:57,040

um very complex and i think that

1565

01:11:00,790 --> 01:10:58,960

um in the beginning of the film and

1566

01:11:02,310 --> 01:11:00,800

especially when you see it now and if

1567

01:11:04,550 --> 01:11:02,320

you haven't seen it i'm not going to

1568

01:11:06,149 --> 01:11:04,560

spoil anything for you

1569

01:11:08,709 --> 01:11:06,159

but you find out

1570

01:11:11,030 --> 01:11:08,719

pretty quickly

1571

01:11:13,270 --> 01:11:11,040

what the film is is about

1572

01:11:15,910 --> 01:11:13,280

and you see that in the in the uh in the

1573

01:11:16,950 --> 01:11:15,920

diner in in the first scene

1574

01:11:19,910 --> 01:11:16,960

and

1575

01:11:22,790 --> 01:11:19,920

how is this going to play out

1576

01:11:23,990 --> 01:11:22,800

it's a very interesting film uh just

1577

01:11:25,830 --> 01:11:24,000

completely

1578

01:11:29,669 --> 01:11:25,840

about time travel

1579

01:11:33,990 --> 01:11:31,430

it's one of my favorite films on time

1580

01:11:35,030 --> 01:11:34,000

travel it's called primer

1581

01:11:38,830 --> 01:11:35,040

and

1582

01:11:42,630 --> 01:11:38,840

primer is an extremely low

1583

01:11:44,709 --> 01:11:42,640

budget uh independent film

1584

01:11:46,070 --> 01:11:44,719

made by a family

1585

01:11:48,870 --> 01:11:46,080

and

1586

01:11:51,510 --> 01:11:48,880

it uh it discusses

1587

01:11:53,750 --> 01:11:51,520

so many different now it gets heavy into

1588

01:11:55,750 --> 01:11:53,760

the science which is great and for an

1589

01:11:57,750 --> 01:11:55,760

independent film

1590

01:12:02,070 --> 01:11:57,760

that is also amazing

1591

01:12:05,830 --> 01:12:02,080

um the time machine in this film and you

1592

01:12:11,350 --> 01:12:06,830

is a

1593

01:12:14,630 --> 01:12:11,360

whirlpool refrigerator box a cardboard

1594

01:12:16,709 --> 01:12:14,640

refrigerator box with christmas lights

1595

01:12:19,270 --> 01:12:16,719

and it's the central character in the

1596

01:12:20,630 --> 01:12:19,280

film and and now that i've told you that

1597

01:12:22,870 --> 01:12:20,640

when you go and see the film you're

1598

01:12:24,550 --> 01:12:22,880

gonna go yeah that's a refrigerator box

1599

01:12:25,990 --> 01:12:24,560

with christmas lights

1600

01:12:28,149 --> 01:12:26,000

um it's about

1601
01:12:29,669 --> 01:12:28,159
amazing script writing

1602
01:12:33,990 --> 01:12:29,679
great acting

1603
01:12:36,550 --> 01:12:34,000
and made on a an extreme budget i think

1604
01:12:38,390 --> 01:12:36,560
they made the whole film for seven grand

1605
01:12:39,510 --> 01:12:38,400
i could be wrong on that number it might

1606
01:12:41,030 --> 01:12:39,520
have been

1607
01:12:44,470 --> 01:12:41,040
eight grand

1608
01:12:47,030 --> 01:12:44,480
primer is one of the best

1609
01:12:51,030 --> 01:12:47,040
time travel movies that you are ever

1610
01:12:53,830 --> 01:12:51,040
going to watch write that down primer

1611
01:12:56,709 --> 01:12:53,840
next and and this is the time machine

1612
01:12:59,270 --> 01:12:56,719
and i like both versions of this

1613
01:13:03,430 --> 01:12:59,280

the original of course 1960. uh the

1614

01:13:06,550 --> 01:13:03,440

other one came out in the mid 2000s

1615

01:13:10,390 --> 01:13:06,560

both both are great films and

1616

01:13:13,590 --> 01:13:10,400

and i enjoy them for their own reasons

1617

01:13:14,709 --> 01:13:13,600

but uh yeah going to the distant past

1618

01:13:19,430 --> 01:13:14,719

and

1619

01:13:21,750 --> 01:13:19,440

future

1620

01:13:23,590 --> 01:13:21,760

is what the time machine is all about

1621

01:13:24,630 --> 01:13:23,600

great film

1622

01:13:28,149 --> 01:13:24,640

tenant

1623

01:13:29,910 --> 01:13:28,159

christopher nolan's film

1624

01:13:33,030 --> 01:13:29,920

and tenet

1625

01:13:35,270 --> 01:13:33,040

one of the complaints about the film

1626

01:13:36,390 --> 01:13:35,280

was one of the reasons why i enjoyed it

1627

01:13:38,950 --> 01:13:36,400

so much

1628

01:13:41,990 --> 01:13:38,960

is that the film was too technical

1629

01:13:43,110 --> 01:13:42,000

too complex and too deep

1630

01:13:45,990 --> 01:13:43,120

right

1631

01:13:47,510 --> 01:13:46,000

that's the reason why i enjoy tenant it

1632

01:13:50,470 --> 01:13:47,520

made me think

1633

01:13:52,470 --> 01:13:50,480

and and i knew after watching tennant uh

1634

01:13:54,950 --> 01:13:52,480

for the first time i was like well i'm

1635

01:13:56,550 --> 01:13:54,960

gonna watch this tomorrow

1636

01:13:58,390 --> 01:13:56,560

and i'm gonna watch it again later on

1637

01:14:02,149 --> 01:13:58,400

this week i need to understand what's

1638

01:14:04,550 --> 01:14:02,159

going on here it's an incredible film

1639

01:14:07,270 --> 01:14:04,560

tenant christopher nolan christopher

1640

01:14:07,990 --> 01:14:07,280

nolan's uh on my list a few times by the

1641

01:14:12,390 --> 01:14:08,000

way

1642

01:14:18,709 --> 01:14:15,270

the tomorrow war again another netflix

1643

01:14:23,270 --> 01:14:18,719

film and this came out last year

1644

01:14:24,149 --> 01:14:23,280

um about uh an alien invasion and

1645

01:14:35,110 --> 01:14:24,159

uh

1646

01:14:37,350 --> 01:14:35,120

needs to time travel

1647

01:14:40,470 --> 01:14:37,360

to save the world

1648

01:14:42,550 --> 01:14:40,480

again as far as time travel movies go

1649

01:14:44,550 --> 01:14:42,560

this is high up on the list and if you

1650

01:14:46,310 --> 01:14:44,560

haven't seen the tomorrow war

1651

01:14:50,550 --> 01:14:46,320

go and check it out

1652

01:14:51,430 --> 01:14:50,560

of course we have terminator all of them

1653

01:14:53,990 --> 01:14:51,440

and

1654

01:14:58,470 --> 01:14:54,000

uh the first terminator

1655

01:14:59,430 --> 01:14:58,480

uh it's uh a bit more vicious

1656

01:15:04,950 --> 01:14:59,440

than

1657

01:15:07,110 --> 01:15:04,960

the first terminator still up there as

1658

01:15:10,229 --> 01:15:07,120

one of the best time travel movies and

1659

01:15:12,070 --> 01:15:10,239

it's one of the most quoted movies ever

1660

01:15:14,550 --> 01:15:12,080

but for me

1661

01:15:15,830 --> 01:15:14,560

i think terminator 2

1662

01:15:17,350 --> 01:15:15,840

is

1663

01:15:20,229 --> 01:15:17,360

at equal

1664

01:15:22,790 --> 01:15:20,239

to the first terminator there's reasons

1665

01:15:24,630 --> 01:15:22,800

for that there was a big leap in

1666

01:15:26,310 --> 01:15:24,640

technology and the way that the film was

1667

01:15:29,270 --> 01:15:26,320

able to be produced i'm talking about

1668

01:15:33,030 --> 01:15:29,280

terminator 2 judgment day

1669

01:15:35,750 --> 01:15:33,040

and and i really enjoyed that but the

1670

01:15:36,630 --> 01:15:35,760

first two terminator films

1671

01:15:38,790 --> 01:15:36,640

uh

1672

01:15:40,390 --> 01:15:38,800

absolutely some of the best time travel

1673

01:15:43,110 --> 01:15:40,400

movies ever

1674

01:15:44,550 --> 01:15:43,120

next now this movie you probably haven't

1675

01:15:46,790 --> 01:15:44,560

seen

1676

01:15:50,470 --> 01:15:46,800

it's called time trap

1677

01:15:54,149 --> 01:15:50,480

uh again a small independent film

1678

01:15:55,910 --> 01:15:54,159

and one of the best time travel movies

1679

01:15:57,750 --> 01:15:55,920

you are ever going to see it's right up

1680

01:15:59,270 --> 01:15:57,760

there with primer it's right up there

1681

01:16:01,669 --> 01:15:59,280

with back to the future

1682

01:16:03,590 --> 01:16:01,679

time trap is about uh

1683

01:16:05,189 --> 01:16:03,600

some kids in school

1684

01:16:08,630 --> 01:16:05,199

that that go

1685

01:16:11,350 --> 01:16:08,640

spelunking they go camping

1686

01:16:13,590 --> 01:16:11,360

and they get in

1687

01:16:15,830 --> 01:16:13,600

in they get how do i want to i don't

1688

01:16:17,910 --> 01:16:15,840

want to give it away they get stuck in a

1689

01:16:20,550 --> 01:16:17,920

cavern

1690

01:16:24,630 --> 01:16:20,560

that uh when they pull up outside they

1691

01:16:26,790 --> 01:16:24,640

see a like a 1969 vw bus

1692

01:16:29,510 --> 01:16:26,800

with peace signs painted on it but it's

1693

01:16:31,430 --> 01:16:29,520

been there for a while

1694

01:16:33,270 --> 01:16:31,440

and a rope

1695

01:16:35,750 --> 01:16:33,280

that's all i'm going to say

1696

01:16:37,669 --> 01:16:35,760

one of the best one of the as far as

1697

01:16:40,709 --> 01:16:37,679

special effects go especially for an

1698

01:16:42,870 --> 01:16:40,719

independent film this film has it all

1699

01:16:43,830 --> 01:16:42,880

and the

1700

01:16:54,950 --> 01:16:43,840

the

1701

01:16:57,910 --> 01:16:54,960

production you're ever going to see in a

1702

01:16:59,990 --> 01:16:57,920

in a film and this is an independent

1703

01:17:02,070 --> 01:17:00,000

film time trap if you're going to go

1704

01:17:03,350 --> 01:17:02,080

watch a time travel movie after this

1705

01:17:05,669 --> 01:17:03,360

show tonight

1706

01:17:09,110 --> 01:17:05,679

it should be time trap

1707

01:17:12,070 --> 01:17:09,120

well or primer either one but time trap

1708

01:17:13,830 --> 01:17:12,080

is one of the best time travel films you

1709

01:17:16,630 --> 01:17:13,840

will ever see

1710

01:17:18,630 --> 01:17:16,640

next up of course

1711

01:17:19,590 --> 01:17:18,640

the planet of the apes

1712

01:17:23,830 --> 01:17:19,600

and

1713

01:17:26,229 --> 01:17:23,840

planet of the apes

1714

01:17:27,270 --> 01:17:26,239

and uh with charlton heston there he is

1715

01:17:30,310 --> 01:17:27,280

there

1716

01:17:33,510 --> 01:17:30,320

um and and the ending of course uh with

1717

01:17:35,430 --> 01:17:33,520

the statue of liberty and you find out

1718

01:17:39,430 --> 01:17:35,440

in the beginning that something has

1719

01:17:43,510 --> 01:17:39,440

happened with the crew of of apollo

1720

01:17:45,830 --> 01:17:43,520

and something has changed time and they

1721

01:17:47,270 --> 01:17:45,840

arrive back on earth in the distant

1722

01:17:48,310 --> 01:17:47,280

future they think they're on another

1723

01:17:50,870 --> 01:17:48,320

planet

1724

01:17:54,149 --> 01:17:50,880

right and then they find out it's earth

1725

01:17:55,750 --> 01:17:54,159

absolutely incredible movie and i watch

1726

01:17:59,110 --> 01:17:55,760

it all the time

1727

01:18:01,189 --> 01:17:59,120

planet of the apes idiocracy another

1728

01:18:02,149 --> 01:18:01,199

film i quote a lot and i talk about it

1729

01:18:03,510 --> 01:18:02,159

here

1730

01:18:06,390 --> 01:18:03,520

uh

1731

01:18:09,510 --> 01:18:06,400

it's just just one of

1732

01:18:11,430 --> 01:18:09,520

the coolest films super funny

1733

01:18:13,510 --> 01:18:11,440

time travel movie

1734

01:18:14,790 --> 01:18:13,520

and i'm not going to give anything away

1735

01:18:17,110 --> 01:18:14,800

here if you haven't seen it but

1736

01:18:18,709 --> 01:18:17,120

idiocracy is also

1737

01:18:20,149 --> 01:18:18,719

something that needs to be on your list

1738

01:18:21,270 --> 01:18:20,159

if you haven't seen it

1739

01:18:23,270 --> 01:18:21,280

um

1740

01:18:25,510 --> 01:18:23,280

uh the thing is

1741

01:18:30,149 --> 01:18:25,520

it's a

1742

01:18:32,550 --> 01:18:30,159

and uh

1743

01:18:35,110 --> 01:18:32,560

and and

1744

01:18:36,470 --> 01:18:35,120

in a garbage dump i'm gonna leave that

1745

01:18:39,510 --> 01:18:36,480

right there

1746

01:18:43,270 --> 01:18:39,520

one one of the best time travel movies

1747

01:18:45,750 --> 01:18:43,280

and uh also one of the funniest movies

1748

01:18:48,470 --> 01:18:45,760

you will ever see but idiocracy

1749

01:18:49,750 --> 01:18:48,480

it needs to be at the time of at the top

1750

01:18:53,669 --> 01:18:49,760

of your list

1751

01:18:56,229 --> 01:18:53,679

and then next up another classic

1752

01:18:57,750 --> 01:18:56,239

time cop

1753

01:18:59,430 --> 01:18:57,760

i can't tell you

1754

01:19:01,590 --> 01:18:59,440

how many times

1755

01:19:04,070 --> 01:19:01,600

i have seen this movie

1756

01:19:06,070 --> 01:19:04,080

and uh jean-claude van damme

1757

01:19:07,110 --> 01:19:06,080

time cop i'm just gonna leave it right

1758

01:19:11,270 --> 01:19:07,120

there

1759

01:19:13,270 --> 01:19:11,280

one of the best movies uh of of all time

1760

01:19:16,709 --> 01:19:13,280

it just happens

1761

01:19:24,390 --> 01:19:19,590

12 monkeys

1762

01:19:27,189 --> 01:19:24,400

that hasn't already been said

1763

01:19:30,390 --> 01:19:27,199

um i remember the first time that i saw

1764

01:19:32,950 --> 01:19:30,400

12 monkeys and i i literally thought

1765

01:19:34,830 --> 01:19:32,960

it was uh like the best movie i had ever

1766

01:19:38,390 --> 01:19:34,840

seen i put it right up there with the

1767

01:19:40,630 --> 01:19:38,400

godfather it's that great of a film

1768

01:19:43,830 --> 01:19:40,640

um stellar

1769

01:19:45,030 --> 01:19:43,840

career achieving performances

1770

01:19:47,189 --> 01:19:45,040

um

1771

01:19:49,430 --> 01:19:47,199

by the entire cast

1772

01:19:53,270 --> 01:19:49,440

one of the best scripts

1773

01:19:55,910 --> 01:19:53,280

uh one of the most scientific scripts

1774

01:19:57,110 --> 01:19:55,920

put together and remember

1775

01:19:59,430 --> 01:19:57,120

um

1776

01:20:02,149 --> 01:19:59,440

not to give anything away but this is

1777

01:20:05,430 --> 01:20:02,159

the future going back and trying to fix

1778

01:20:06,629 --> 01:20:05,440

the past and the paradoxes that result

1779

01:20:10,229 --> 01:20:06,639

from that

1780

01:20:11,910 --> 01:20:10,239

absolutely incredible film

1781

01:20:18,229 --> 01:20:11,920

got the key

1782

01:20:25,430 --> 01:20:20,629

so well shot too as well

1783

01:20:31,350 --> 01:20:29,110

man 12 monkeys the tv series was pretty

1784

01:20:33,669 --> 01:20:31,360

good um as well

1785

01:20:35,510 --> 01:20:33,679

next up what can i say

1786

01:20:37,669 --> 01:20:35,520

interstellar i'm going to be another

1787

01:20:39,750 --> 01:20:37,679

christopher nolan film going to be

1788

01:20:41,270 --> 01:20:39,760

talking about interstellar a few times

1789

01:20:43,669 --> 01:20:41,280

tonight and the science behind

1790

01:20:46,790 --> 01:20:43,679

interstellar and of course kip thorne

1791

01:20:48,709 --> 01:20:46,800

will be getting into all of that but

1792

01:20:50,790 --> 01:20:48,719

going back to my point that i made

1793

01:20:52,550 --> 01:20:50,800

earlier when it comes to time travel

1794

01:20:54,070 --> 01:20:52,560

one of the things that just isn't

1795

01:20:56,310 --> 01:20:54,080

discussed

1796

01:20:58,229 --> 01:20:56,320

because it bums people out

1797

01:21:00,390 --> 01:20:58,239

is if you go out there farting around

1798

01:21:02,310 --> 01:21:00,400

the universe and

1799

01:21:04,470 --> 01:21:02,320

and messing around with black holes and

1800

01:21:06,149 --> 01:21:04,480

wormholes and speed of light and all of

1801

01:21:07,510 --> 01:21:06,159

that stuff you go out and start doing

1802

01:21:09,590 --> 01:21:07,520

these things

1803

01:21:11,510 --> 01:21:09,600

um you're gonna come back to earth uh to

1804

01:21:12,629 --> 01:21:11,520

a different planet

1805

01:21:16,709 --> 01:21:12,639

and

1806

01:21:20,310 --> 01:21:16,719

for me uh the scene with uh matthew

1807

01:21:22,470 --> 01:21:20,320

mcconaughey you know coming back uh and

1808

01:21:24,470 --> 01:21:22,480

seeing his daughter again who he hasn't

1809

01:21:25,910 --> 01:21:24,480

seen since she was you know whatever

1810

01:21:28,629 --> 01:21:25,920

eight years old

1811

01:21:30,629 --> 01:21:28,639

and and now she's you know 40 years

1812

01:21:33,270 --> 01:21:30,639

older than he is

1813

01:21:35,030 --> 01:21:33,280

and is at the end of her days and he has

1814

01:21:37,030 --> 01:21:35,040

to come in and talk to her i'm getting a

1815

01:21:39,910 --> 01:21:37,040

lump in my throat right now it's one of

1816

01:21:43,510 --> 01:21:39,920

those aspects are you willing

1817

01:21:46,550 --> 01:21:43,520

to give up friends and family

1818

01:21:47,990 --> 01:21:46,560

to go out and and time travel time

1819

01:21:50,790 --> 01:21:48,000

travel is real

1820

01:21:52,629 --> 01:21:50,800

all right the ability to do it is real

1821

01:21:54,950 --> 01:21:52,639

and the way that it's laid out in

1822

01:21:58,350 --> 01:21:54,960

interstellar not only the scientific

1823

01:22:00,390 --> 01:21:58,360

aspects of this but the deep deep

1824

01:22:02,870 --> 01:22:00,400

philosophical questions that are

1825

01:22:05,750 --> 01:22:02,880

presented with time travel

1826
01:22:07,350 --> 01:22:05,760
are in interstellar it's an incredible

1827
01:22:09,350 --> 01:22:07,360
movie

1828
01:22:11,030 --> 01:22:09,360
it's a great story

1829
01:22:12,149 --> 01:22:11,040
when they are at the edge of the black

1830
01:22:13,669 --> 01:22:12,159
hole

1831
01:22:16,149 --> 01:22:13,679
and they come back to their ship and

1832
01:22:19,669 --> 01:22:16,159
they mess up and they're on that planet

1833
01:22:22,070 --> 01:22:19,679
uh for an hour too long and an hour and

1834
01:22:23,110 --> 01:22:22,080
they get back to the ship 21 years have

1835
01:22:25,830 --> 01:22:23,120
passed

1836
01:22:28,149 --> 01:22:25,840
and their crewmate

1837
01:22:30,310 --> 01:22:28,159
has been waiting for them

1838
01:22:31,430 --> 01:22:30,320

for 21

1839

01:22:32,550 --> 01:22:31,440

years

1840

01:22:34,070 --> 01:22:32,560

that's all i'm going to say if you

1841

01:22:35,910 --> 01:22:34,080

haven't seen the movie

1842

01:22:38,629 --> 01:22:35,920

go and check it out but it's these

1843

01:22:41,750 --> 01:22:38,639

philosophical questions that are

1844

01:22:44,790 --> 01:22:41,760

presented so well in interstellar

1845

01:22:48,310 --> 01:22:44,800

next one of the best

1846

01:22:53,750 --> 01:22:51,430

most have seen it by now i was uh

1847

01:22:58,310 --> 01:22:53,760

channel surfing

1848

01:23:00,709 --> 01:22:58,320

1998 1999. it was directv

1849

01:23:03,910 --> 01:23:00,719

and uh i was home alone

1850

01:23:06,229 --> 01:23:03,920

channel surfing donnie darko pops up you

1851

01:23:07,189 --> 01:23:06,239

know you remember those direct tv menus

1852

01:23:09,110 --> 01:23:07,199

and

1853

01:23:11,510 --> 01:23:09,120

i'm sure it's still the same scrolling

1854

01:23:14,310 --> 01:23:11,520

down donnie darko what's that info click

1855

01:23:16,070 --> 01:23:14,320

on that oh okay time travel what what oh

1856

01:23:17,030 --> 01:23:16,080

okay i'm gonna watch this never heard of

1857

01:23:24,390 --> 01:23:17,040

it

1858

01:23:25,270 --> 01:23:24,400

probably around 100 times

1859

01:23:28,070 --> 01:23:25,280

um

1860

01:23:29,750 --> 01:23:28,080

deep heavy fantastic film

1861

01:23:33,270 --> 01:23:29,760

with certainly one of the best musical

1862

01:23:35,830 --> 01:23:33,280

soundtracks in in the history of cinema

1863

01:23:37,110 --> 01:23:35,840

and the church

1864

01:23:38,070 --> 01:23:37,120

um

1865

01:23:39,910 --> 01:23:38,080

yes

1866

01:23:41,910 --> 01:23:39,920

donnie darko

1867

01:23:43,990 --> 01:23:41,920

one of the best one of the best as you

1868

01:23:46,070 --> 01:23:44,000

can see these are not in any particular

1869

01:23:49,110 --> 01:23:46,080

order if i've got donnie darko

1870

01:23:50,229 --> 01:23:49,120

coming in at number 15.

1871

01:23:53,430 --> 01:23:50,239

next

1872

01:23:56,070 --> 01:23:53,440

contact now i watched contact twice in

1873

01:23:58,229 --> 01:23:56,080

the last two weeks i watch it about once

1874

01:24:00,870 --> 01:23:58,239

a month every couple of months

1875

01:24:02,790 --> 01:24:00,880

it's just a fantastic film and i love it

1876

01:24:03,910 --> 01:24:02,800

but the the

1877

01:24:05,750 --> 01:24:03,920

the

1878

01:24:07,350 --> 01:24:05,760

time travel

1879

01:24:10,550 --> 01:24:07,360

part of this

1880

01:24:13,669 --> 01:24:10,560

is not what you may think

1881

01:24:15,669 --> 01:24:13,679

all right now it goes back to wormholes

1882

01:24:17,430 --> 01:24:15,679

and most have seen contact so i'm not

1883

01:24:18,470 --> 01:24:17,440

giving anything away

1884

01:24:20,229 --> 01:24:18,480

um

1885

01:24:22,870 --> 01:24:20,239

in the end

1886

01:24:24,390 --> 01:24:22,880

jodie foster when she

1887

01:24:26,629 --> 01:24:24,400

um

1888

01:24:27,750 --> 01:24:26,639

does her trip

1889

01:24:30,229 --> 01:24:27,760

and

1890

01:24:33,350 --> 01:24:30,239

she's dropped into the device they don't

1891

01:24:35,270 --> 01:24:33,360

know what's going to happen she's gone

1892

01:24:37,189 --> 01:24:35,280

for 18 hours

1893

01:24:39,750 --> 01:24:37,199

in those 18 hours

1894

01:24:41,750 --> 01:24:39,760

she goes to what may be another universe

1895

01:24:43,510 --> 01:24:41,760

certainly was another galaxy travels

1896

01:24:46,229 --> 01:24:43,520

through a wormhole

1897

01:24:48,229 --> 01:24:46,239

has her experience with the aliens then

1898

01:24:50,229 --> 01:24:48,239

comes back and is ready to share

1899

01:24:52,629 --> 01:24:50,239

everything to the world she's

1900

01:24:54,550 --> 01:24:52,639

recorded everything with the camera

1901

01:24:56,870 --> 01:24:54,560

on the side of her head

1902

01:24:59,990 --> 01:24:56,880

she comes back and they tell her

1903

01:25:03,110 --> 01:25:00,000

that the experiment malfunctioned that

1904

01:25:05,750 --> 01:25:03,120

she just fell through and that it that

1905

01:25:07,590 --> 01:25:05,760

was it it was less than a second and she

1906

01:25:10,310 --> 01:25:07,600

says that's impossible

1907

01:25:11,750 --> 01:25:10,320

that's the time travel aspect of this

1908

01:25:14,950 --> 01:25:11,760

right where

1909

01:25:15,910 --> 01:25:14,960

you can go out and come back and

1910

01:25:19,270 --> 01:25:15,920

uh

1911

01:25:21,030 --> 01:25:19,280

um to everybody here

1912

01:25:23,270 --> 01:25:21,040

you never left

1913

01:25:24,950 --> 01:25:23,280

but you were gone for this extended

1914

01:25:27,990 --> 01:25:24,960

period of time

1915

01:25:30,070 --> 01:25:28,000

um contact and and just

1916

01:25:32,149 --> 01:25:30,080

that one scene in the film or that

1917

01:25:34,790 --> 01:25:32,159

series of scenes i should say

1918

01:25:36,550 --> 01:25:34,800

uh that start to explore this is

1919

01:25:39,430 --> 01:25:36,560

absolutely incredible

1920

01:25:42,950 --> 01:25:39,440

now another movie that uh i talk about

1921

01:25:45,669 --> 01:25:42,960

nearly at the same time as contact every

1922

01:25:49,030 --> 01:25:45,679

time that i bring these uh subjects up

1923

01:25:51,750 --> 01:25:49,040

is a rival a rival is a time travel

1924

01:25:54,550 --> 01:25:51,760

movie and you don't understand that and

1925

01:25:55,510 --> 01:25:54,560

don't know that in the beginning

1926

01:25:57,590 --> 01:25:55,520

um

1927

01:25:59,350 --> 01:25:57,600

but uh and again if you haven't seen a

1928

01:26:01,510 --> 01:25:59,360

rival i don't want to give anything too

1929

01:26:03,510 --> 01:26:01,520

much away here but the movie on the

1930

01:26:06,310 --> 01:26:03,520

surface is about communicating with

1931

01:26:07,189 --> 01:26:06,320

aliens right okay and trying to break

1932

01:26:10,229 --> 01:26:07,199

down

1933

01:26:12,709 --> 01:26:10,239

uh that that communication but

1934

01:26:15,830 --> 01:26:12,719

in the end you find out that it's time

1935

01:26:19,590 --> 01:26:15,840

travel movie and that's what e.t had

1936

01:26:22,870 --> 01:26:19,600

brought us a rival next of course bill

1937

01:26:24,870 --> 01:26:22,880

and ted's excellent adventure

1938

01:26:27,510 --> 01:26:24,880

i'm gonna leave that right there

1939

01:26:30,470 --> 01:26:27,520

one of the best

1940

01:26:32,310 --> 01:26:30,480

time travel movies you're ever gonna see

1941

01:26:34,550 --> 01:26:32,320

i wanna get all of these in

1942

01:26:37,110 --> 01:26:34,560

um

1943

01:26:39,830 --> 01:26:37,120

hot tub time machine

1944

01:26:44,149 --> 01:26:42,229

one of the best

1945

01:26:45,669 --> 01:26:44,159

time travel movies

1946

01:26:48,149 --> 01:26:45,679

you're ever going to see

1947

01:26:50,550 --> 01:26:48,159

and again

1948

01:26:53,030 --> 01:26:50,560

it's a comedy and i get that and it's

1949

01:26:55,270 --> 01:26:53,040

really funny and i get that too

1950

01:26:58,470 --> 01:26:55,280

but um in

1951

01:27:00,149 --> 01:26:58,480

in a comedic script in a comedic

1952

01:27:02,149 --> 01:27:00,159

storyline

1953

01:27:04,310 --> 01:27:02,159

the complexities and the problems and

1954

01:27:05,270 --> 01:27:04,320

the issues and the paradoxes of time

1955

01:27:08,870 --> 01:27:05,280

travel

1956

01:27:10,790 --> 01:27:08,880

are brought front and center

1957

01:27:14,709 --> 01:27:10,800

hot tub time machine

1958

01:27:16,950 --> 01:27:14,719

absolutely incredible time travel movie

1959

01:27:20,229 --> 01:27:16,960

and i'm gonna leave you with this

1960

01:27:21,750 --> 01:27:20,239

this is a movie that um i saw

1961

01:27:23,990 --> 01:27:21,760

when i was a kid

1962

01:27:26,870 --> 01:27:24,000

and of course it's it's monty python's

1963

01:27:28,229 --> 01:27:26,880

terry gilliam uh time bandits

1964

01:27:31,750 --> 01:27:28,239

again

1965

01:27:33,830 --> 01:27:31,760

the the attention to detail in this some

1966

01:27:36,310 --> 01:27:33,840

of the science behind it it's a fun

1967

01:27:39,110 --> 01:27:36,320

movie it's a funny movie the special

1968

01:27:41,830 --> 01:27:39,120

effects in it are absolutely incredible

1969

01:27:43,990 --> 01:27:41,840

and what's not to love it's monty python

1970

01:27:45,669 --> 01:27:44,000

and so you get a lot of the familiar

1971

01:27:48,550 --> 01:27:45,679

characters and faces

1972

01:27:49,910 --> 01:27:48,560

that that are really having fun in in

1973

01:27:51,590 --> 01:27:49,920

this movie

1974

01:27:54,149 --> 01:27:51,600

but again

1975

01:27:55,270 --> 01:27:54,159

it's the science behind it and how it's

1976

01:27:57,350 --> 01:27:55,280

laid out

1977

01:28:01,189 --> 01:27:57,360

and if you haven't seen time bandits

1978

01:28:03,030 --> 01:28:01,199

which may be before your time and and

1979

01:28:06,950 --> 01:28:03,040

and i get that

1980

01:28:11,110 --> 01:28:06,960

time bandits needs to be on your list

1981

01:28:14,070 --> 01:28:11,120

and this is just a fraction i didn't get

1982

01:28:16,070 --> 01:28:14,080

to any of some of my favorite films

1983

01:28:17,110 --> 01:28:16,080

about time travel from the 50s and the

1984

01:28:18,870 --> 01:28:17,120

60s

1985

01:28:20,310 --> 01:28:18,880

um that i've talked about on the show

1986

01:28:23,590 --> 01:28:20,320

over the years

1987

01:28:25,669 --> 01:28:23,600

there's too many to just pop down in

1988

01:28:27,830 --> 01:28:25,679

into one list and go through it we have

1989

01:28:30,310 --> 01:28:27,840

too many uh things to talk about tonight

1990

01:28:31,750 --> 01:28:30,320

on the show the reason why i am doing

1991

01:28:34,149 --> 01:28:31,760

this first

1992

01:28:36,149 --> 01:28:34,159

is that all of the concepts of time

1993

01:28:39,030 --> 01:28:36,159

travel that i am going to discuss and

1994

01:28:41,750 --> 01:28:39,040

that i've already covered are in these

1995

01:28:44,390 --> 01:28:41,760

films and so with the basic knowledge of

1996

01:28:47,430 --> 01:28:44,400

time travel and that is paradoxes and

1997

01:28:49,510 --> 01:28:47,440

that is wormholes and black holes and

1998

01:28:51,669 --> 01:28:49,520

speed of light and faster than light all

1999

01:28:54,550 --> 01:28:51,679

of these time machines

2000

01:28:55,750 --> 01:28:54,560

all of these ideas are presented their

2001

01:28:58,470 --> 01:28:55,760

own way

2002

01:29:00,229 --> 01:28:58,480

in these films and there are so many

2003

01:29:02,390 --> 01:29:00,239

different concepts

2004

01:29:03,350 --> 01:29:02,400

of of time travel and how it could

2005

01:29:07,430 --> 01:29:03,360

happen

2006

01:29:10,470 --> 01:29:07,440

you get each one of those in these films

2007

01:29:13,270 --> 01:29:10,480

so that's my list that's the 20 that

2008

01:29:15,750 --> 01:29:13,280

popped into my head as i prepared for

2009

01:29:18,390 --> 01:29:15,760

the show this is fade to black i am your

2010

01:29:19,590 --> 01:29:18,400

host jimmy church tonight on this very

2011

01:29:22,790 --> 01:29:19,600

broadcast

2012

01:29:24,870 --> 01:29:22,800

it is the secrets of time travel i'll be

2013

01:29:26,709 --> 01:29:24,880

right back after this short break and

2014

01:29:27,530 --> 01:29:26,719

we're going to continue

2015

01:29:29,669 --> 01:29:27,540

what's next

2016

01:29:32,310 --> 01:29:29,679

[Music]

2017

01:29:34,709 --> 01:29:32,320

john teeter this is fade to black on the

2018

01:29:36,709 --> 01:29:34,719

game changer on x networks race hobbs

2019

01:29:40,440 --> 01:29:36,719

i'm your host jimmy church

2020

01:29:53,189 --> 01:29:40,450

stay with us we'll be right back

2021

01:29:56,390 --> 01:29:53,199

[Music]

2022

01:29:58,560 --> 01:29:56,400

way out here we listen to jimmy church

2023

01:30:01,189 --> 01:29:58,570

you're listening to fade to black

2024

01:30:03,350 --> 01:30:01,199

[Applause]

2025

01:30:04,870 --> 01:30:03,360

you're listening to jimmy church and

2026

01:30:15,669 --> 01:30:04,880

fade to black

2027

01:30:21,830 --> 01:30:19,540

church radio club

2028

01:30:23,830 --> 01:30:21,840

[Music]

2029

01:30:26,229 --> 01:30:23,840

the believer is the chilling true story

2030

01:30:28,550 --> 01:30:26,239

of dr john mack a renowned harvard

2031

01:30:31,030 --> 01:30:28,560

psychiatrist and pulitzer prize winner

2032

01:30:33,750 --> 01:30:31,040

this is a outreach program from the

2033

01:30:36,149 --> 01:30:33,760

cosmos to the consciously impaired he

2034

01:30:39,189 --> 01:30:36,159

risked it all to investigate human

2035

01:30:41,830 --> 01:30:39,199

encounters with aliens the believer

2036

01:30:44,070 --> 01:30:41,840

alien encounters hard science and the

2037

01:30:45,910 --> 01:30:44,080

passion of john mack written by

2038

01:30:48,229 --> 01:30:45,920

award-winning former new york times

2039

01:30:50,310 --> 01:30:48,239

journalist and author ralph blumenthal

2040

01:30:51,910 --> 01:30:50,320

now available in paperback from high

2041

01:30:54,149 --> 01:30:51,920

road books

2042

01:30:56,070 --> 01:30:54,159

introducing the game changer blend from

2043

01:30:58,550 --> 01:30:56,080

river moon coffee that delivers a

2044

01:31:01,590 --> 01:30:58,560

customized blend made specifically for

2045

01:31:04,629 --> 01:31:01,600

the fader knots if the game is rigged

2046

01:31:07,430 --> 01:31:04,639

change the game it's a boulder cup with

2047

01:31:09,669 --> 01:31:07,440

some fight game changer is the coffee of

2048

01:31:11,990 --> 01:31:09,679

choice for those that prefer an organic

2049

01:31:15,590 --> 01:31:12,000

dark roast that is slightly lighter and

2050

01:31:17,910 --> 01:31:15,600

milder but it's still dark with wild

2051
01:31:20,470 --> 01:31:17,920
notes of pecans and chocolate with a

2052
01:31:22,870 --> 01:31:20,480
rich balanced full body cup that is

2053
01:31:25,510 --> 01:31:22,880
roasted to perfection for a great coffee

2054
01:31:28,790 --> 01:31:25,520
to start your day as an after dinner

2055
01:31:31,590 --> 01:31:28,800
coffee or anywhere in between artisan

2056
01:31:34,229 --> 01:31:31,600
small batch roasted to perfection usda

2057
01:31:36,550 --> 01:31:34,239
certified organic all river moon coffee

2058
01:31:39,430 --> 01:31:36,560
is freshly roasted and packaged in the

2059
01:31:41,510 --> 01:31:39,440
usa just go to rivermooncoffee.com or

2060
01:31:45,430 --> 01:31:41,520
click on the banners over on our site

2061
01:31:47,510 --> 01:31:45,440
and use the promo code f2b blend for 15

2062
01:31:50,229 --> 01:31:47,520
off of your order today

2063
01:31:52,310 --> 01:31:50,239

rivermooncoffee.com

2064

01:31:55,030 --> 01:31:52,320

do you want to be an official fate or

2065

01:31:57,270 --> 01:31:55,040

not of course you do this is jimmy

2066

01:31:58,550 --> 01:31:57,280

church of fade to black just go to our

2067

01:32:01,030 --> 01:31:58,560

membership section at

2068

01:32:03,030 --> 01:32:01,040

jimmychurchradio.com

2069

01:32:04,870 --> 01:32:03,040

vadernots when you think about the

2070

01:32:06,709 --> 01:32:04,880

future of our country and where we're

2071

01:32:09,830 --> 01:32:06,719

headed do you wonder about the food

2072

01:32:11,990 --> 01:32:09,840

supply i do disruptions in the food

2073

01:32:14,790 --> 01:32:12,000

supply chain could be disastrous and

2074

01:32:16,790 --> 01:32:14,800

they usually occur with little warning

2075

01:32:19,750 --> 01:32:16,800

that's why the smartest thing you can do

2076

01:32:22,790 --> 01:32:19,760

today is to stockpile emergency food

2077

01:32:25,510 --> 01:32:22,800

water and other essentials i personally

2078

01:32:27,830 --> 01:32:25,520

recommend my patriot supply they're the

2079

01:32:30,390 --> 01:32:27,840

nation's largest emergency preparedness

2080

01:32:32,950 --> 01:32:30,400

company serving millions of customers

2081

01:32:35,590 --> 01:32:32,960

for more than a decade in fact they're

2082

01:32:38,709 --> 01:32:35,600

the only source my family trusts for our

2083

01:32:42,070 --> 01:32:38,719

preparedness plan you should too right

2084

01:32:44,550 --> 01:32:42,080

now save 20 off a full four week supply

2085

01:32:47,669 --> 01:32:44,560

of delicious meals that provide 2 000

2086

01:32:50,629 --> 01:32:47,679

calories a day saving 20 helps too

2087

01:32:53,590 --> 01:32:50,639

doesn't it especially now so go to

2088

01:32:55,149 --> 01:32:53,600

prepare with jimmy.com and get ready

2089

01:32:57,350 --> 01:32:55,159

that's

2090

01:32:58,229 --> 01:32:57,360

preparedwithjimmy.com there's no time to

2091

01:33:00,790 --> 01:32:58,239

lose

2092

01:33:03,830 --> 01:33:00,800

do it now

2093

01:33:06,070 --> 01:33:03,840

so you love talk radio then you'll love

2094

01:33:09,189 --> 01:33:06,080

talkstreamlive.com

2095

01:33:11,430 --> 01:33:09,199

talk stream live is always on 24 7 with

2096

01:33:13,350 --> 01:33:11,440

the best streaming talk shows find your

2097

01:33:16,229 --> 01:33:13,360

favorite talkers and discover some new

2098

01:33:18,310 --> 01:33:16,239

ones it's free readily available online

2099

01:33:20,390 --> 01:33:18,320

or on mobile with any smartphone or

2100

01:33:22,950 --> 01:33:20,400

tablet finding your favorite talk shows

2101
01:33:24,750 --> 01:33:22,960
all in one place has gotten a whole lot

2102
01:33:26,870 --> 01:33:24,760
easier just go to

2103
01:33:29,110 --> 01:33:26,880
talkstreamlive.com be sure to download

2104
01:33:32,070 --> 01:33:29,120
the free apps from google play or the

2105
01:33:35,270 --> 01:33:32,080
itunes app store

2106
01:33:37,200 --> 01:33:35,280
you listen to us and we listen to you

2107
01:33:39,830 --> 01:33:37,210
and so does the cia

2108
01:33:41,830 --> 01:33:39,840
[Music]

2109
01:33:43,590 --> 01:33:41,840
hi i'm ray sobbs and i'm here to tell

2110
01:33:45,590 --> 01:33:43,600
you about something i really think

2111
01:33:47,830 --> 01:33:45,600
you're gonna like the onyx network is a

2112
01:33:50,310 --> 01:33:47,840
part of a larger group called annex

2113
01:33:52,950 --> 01:33:50,320

media and one of the things we offer is

2114

01:33:55,110 --> 01:33:52,960

the quarterly on x magazine which is

2115

01:33:57,910 --> 01:33:55,120

available both in print and digital

2116

01:34:00,390 --> 01:33:57,920

formats this amazing magazine covers all

2117

01:34:03,030 --> 01:34:00,400

aspects of the unexplained and makes for

2118

01:34:04,629 --> 01:34:03,040

a great coffee table periodical that is

2119

01:34:07,110 --> 01:34:04,639

certain to spark enlightening

2120

01:34:08,629 --> 01:34:07,120

conversations in your living rooms we

2121

01:34:11,430 --> 01:34:08,639

invite you to check out the latest

2122

01:34:13,990 --> 01:34:11,440

digital issue for free just go to unex

2123

01:34:16,070 --> 01:34:14,000

network dot com forward slash membership

2124

01:34:18,229 --> 01:34:16,080

and fill out your free membership with

2125

01:34:20,950 --> 01:34:18,239

your name and email and become a new

2126
01:34:23,030 --> 01:34:20,960
free member the new summer issue is now

2127
01:34:25,270 --> 01:34:23,040
available and the theme is time

2128
01:34:27,270 --> 01:34:25,280
anomalies which includes a feature

2129
01:34:30,390 --> 01:34:27,280
article written by our managing editor

2130
01:34:32,590 --> 01:34:30,400
lee spiegel just go to nextnetwork.com

2131
01:34:34,550 --> 01:34:32,600
forward slash memberships that's

2132
01:34:37,189 --> 01:34:34,560
unexnetwork.com forward slash

2133
01:34:42,229 --> 01:34:37,199
memberships and get your free e-copy of

2134
01:34:49,030 --> 01:34:44,229
you are listening to fade to black with

2135
01:34:54,470 --> 01:34:51,510
hi i'm lisa vance you're listening to

2136
01:34:57,270 --> 01:34:54,480
jimmy church this is revolution the

2137
01:35:00,629 --> 01:34:57,280
revolution will not be televised the

2138
01:35:03,620 --> 01:35:00,639

revolution is on radio

2139

01:35:35,500 --> 01:35:03,630

ciao

2140

01:35:35,510 --> 01:35:40,840

[Applause]

2141

01:35:47,189 --> 01:35:43,430

[Music]

2142

01:35:51,109 --> 01:35:49,350

fade to black tonight the secrets of

2143

01:35:54,550 --> 01:35:51,119

time travel

2144

01:35:57,030 --> 01:35:54,560

i'm going to try to get to every single

2145

01:36:00,629 --> 01:35:57,040

angle and aspect of this

2146

01:36:03,030 --> 01:36:00,639

it's one of my favorite subjects and

2147

01:36:05,510 --> 01:36:03,040

next up

2148

01:36:07,350 --> 01:36:05,520

this guy

2149

01:36:08,629 --> 01:36:07,360

john teeter

2150

01:36:11,350 --> 01:36:08,639

there he is

2151
01:36:12,040 --> 01:36:11,360
now this image of john teeter

2152
01:36:13,430 --> 01:36:12,050
um

2153
01:36:17,109 --> 01:36:13,440
[Music]

2154
01:36:18,709 --> 01:36:17,119
started around the internet um many many

2155
01:36:21,910 --> 01:36:18,719
many years ago

2156
01:36:24,709 --> 01:36:21,920
and i don't know if this is john teeter

2157
01:36:27,109 --> 01:36:24,719
but it supposedly is

2158
01:36:29,990 --> 01:36:27,119
um it's got a great haircut

2159
01:36:31,669 --> 01:36:30,000
uh by the way but there's john teeter

2160
01:36:33,669 --> 01:36:31,679
now um

2161
01:36:42,709 --> 01:36:33,679
my

2162
01:36:45,109 --> 01:36:42,719
pretty deep and

2163
01:36:46,870 --> 01:36:45,119

uh when everything started to happen

2164

01:36:50,550 --> 01:36:46,880

john teeter

2165

01:36:51,430 --> 01:36:50,560

uh first started to post as uh somebody

2166

01:36:55,189 --> 01:36:51,440

named

2167

01:36:56,470 --> 01:36:55,199

time travel underscore zero time travel

2168

01:37:00,470 --> 01:36:56,480

zero

2169

01:37:01,910 --> 01:37:00,480

and started posting on the time travel

2170

01:37:04,870 --> 01:37:01,920

institute

2171

01:37:07,109 --> 01:37:04,880

uh which was a web form

2172

01:37:08,310 --> 01:37:07,119

uh about time travel

2173

01:37:10,149 --> 01:37:08,320

and

2174

01:37:12,709 --> 01:37:10,159

uh

2175

01:37:17,030 --> 01:37:12,719

that's that's a whole nother discussion

2176

01:37:19,430 --> 01:37:17,040

and then on art bells uh post to post

2177

01:37:21,990 --> 01:37:19,440

forums and all of this kicked off in

2178

01:37:25,350 --> 01:37:22,000

2000 and 2001

2179

01:37:26,790 --> 01:37:25,360

and this poster uh time travel zero was

2180

01:37:27,910 --> 01:37:26,800

claiming to be

2181

01:37:31,109 --> 01:37:27,920

um

2182

01:37:33,750 --> 01:37:31,119

uh an american military time traveler

2183

01:37:36,229 --> 01:37:33,760

from the year 2036.

2184

01:37:38,629 --> 01:37:36,239

now i was glued

2185

01:37:39,830 --> 01:37:38,639

to these forms i was posting in these

2186

01:37:40,709 --> 01:37:39,840

forms

2187

01:37:43,830 --> 01:37:40,719

and

2188

01:37:46,790 --> 01:37:43,840

uh watching the next post

2189

01:37:47,669 --> 01:37:46,800

and the explanation of things and and

2190

01:37:50,149 --> 01:37:47,679

wow

2191

01:37:51,830 --> 01:37:50,159

right and images started to appear we'll

2192

01:37:54,629 --> 01:37:51,840

get to all of that

2193

01:37:59,109 --> 01:37:57,030

the first post using john teeter's

2194

01:38:01,430 --> 01:37:59,119

military symbol

2195

01:38:05,430 --> 01:38:01,440

appeared on the time travel institute

2196

01:38:09,189 --> 01:38:05,440

forums on november 2nd 2000 and again uh

2197

01:38:11,750 --> 01:38:09,199

under the name of time travel zero

2198

01:38:14,070 --> 01:38:11,760

the name john teeter

2199

01:38:17,510 --> 01:38:14,080

and it's i believe it's teeter it's not

2200

01:38:20,870 --> 01:38:17,520

tighter it's teeter was not used until

2201
01:38:21,990 --> 01:38:20,880
january 2001 when time travel zero began

2202
01:38:26,470 --> 01:38:22,000
posting

2203
01:38:29,350 --> 01:38:26,480
over on the art bell bbs forums

2204
01:38:31,590 --> 01:38:29,360
and a couple of curious things and we're

2205
01:38:35,430 --> 01:38:31,600
going to get into this very deeply here

2206
01:38:37,830 --> 01:38:35,440
in just a second teeter was in a uh

2207
01:38:43,430 --> 01:38:37,840
a very unique name

2208
01:38:44,550 --> 01:38:43,440
in that you couldn't find a history

2209
01:38:46,950 --> 01:38:44,560
of

2210
01:38:48,629 --> 01:38:46,960
teeter or his family anywhere in the

2211
01:38:50,790 --> 01:38:48,639
united states or the world i mean it's

2212
01:38:52,070 --> 01:38:50,800
like a unique name

2213
01:38:55,030 --> 01:38:52,080

and

2214

01:38:56,790 --> 01:38:55,040

if uh if it was a hoax somebody spent a

2215

01:38:59,510 --> 01:38:56,800

long time

2216

01:39:01,910 --> 01:38:59,520

trying to find out a last name

2217

01:39:04,229 --> 01:39:01,920

that just didn't exist

2218

01:39:05,830 --> 01:39:04,239

but teeter

2219

01:39:09,669 --> 01:39:05,840

didn't exist

2220

01:39:11,109 --> 01:39:09,679

and i like a lot of people uh back then

2221

01:39:12,870 --> 01:39:11,119

were immediately

2222

01:39:14,709 --> 01:39:12,880

searching the name teeter and you were

2223

01:39:16,470 --> 01:39:14,719

coming up empty it just did it just

2224

01:39:20,149 --> 01:39:16,480

didn't exist

2225

01:39:22,470 --> 01:39:20,159

except for back on these forms

2226

01:39:24,229 --> 01:39:22,480

now um

2227

01:39:26,550 --> 01:39:24,239

he claimed

2228

01:39:29,510 --> 01:39:26,560

to be a soldier

2229

01:39:31,669 --> 01:39:29,520

uh from 2036 he said that he was based

2230

01:39:36,070 --> 01:39:31,679

out of tampa florida

2231

01:39:39,510 --> 01:39:36,080

he was assigned to a time travel project

2232

01:39:40,550 --> 01:39:39,520

and sent back to 1975

2233

01:39:43,430 --> 01:39:40,560

and

2234

01:39:44,430 --> 01:39:43,440

the mission was specific

2235

01:39:47,270 --> 01:39:44,440

to

2236

01:39:49,590 --> 01:39:47,280

1975 because

2237

01:39:51,470 --> 01:39:49,600

he needed to retrieve

2238

01:39:54,390 --> 01:39:51,480

an ibm

2239

01:39:58,390 --> 01:39:54,400

5100 computer

2240

01:40:00,149 --> 01:39:58,400

and this is one of the 5100s there which

2241

01:40:03,189 --> 01:40:00,159

he said

2242

01:40:07,189 --> 01:40:03,199

was needed to debug

2243

01:40:10,310 --> 01:40:07,199

various legacy computer programs

2244

01:40:14,070 --> 01:40:10,320

in 2036.

2245

01:40:16,950 --> 01:40:14,080

now the ibm 5100 runs the apl in basic

2246

01:40:17,910 --> 01:40:16,960

programming languages

2247

01:40:22,390 --> 01:40:17,920

and

2248

01:40:25,030 --> 01:40:22,400

now so somebody had to have had a pretty

2249

01:40:29,430 --> 01:40:25,040

intense knowledge of computers to make

2250

01:40:32,709 --> 01:40:29,440

this stuff up because these comments

2251

01:40:35,109 --> 01:40:32,719

which were heavily researched and

2252

01:40:37,350 --> 01:40:35,119

continued to be researched turned out

2253

01:40:38,229 --> 01:40:37,360

that this was partially true

2254

01:40:39,109 --> 01:40:38,239

and

2255

01:40:41,830 --> 01:40:39,119

uh

2256

01:40:44,629 --> 01:40:41,840

and and maybe totally true

2257

01:40:46,070 --> 01:40:44,639

and that the issues with

2258

01:40:48,790 --> 01:40:46,080

uh

2259

01:40:51,030 --> 01:40:48,800

those legacy computer programs were real

2260

01:40:54,229 --> 01:40:51,040

but we're only known

2261

01:40:55,669 --> 01:40:54,239

to a handful i'm talking about five or

2262

01:40:58,790 --> 01:40:55,679

six people

2263

01:41:01,270 --> 01:40:58,800

in the programming world back then

2264

01:41:04,950 --> 01:41:01,280

and that also

2265

01:41:07,830 --> 01:41:04,960

raised a lot of questions that that

2266

01:41:10,470 --> 01:41:07,840

was all of this true was john teeter

2267

01:41:13,109 --> 01:41:10,480

time travel zero was he indeed a time

2268

01:41:14,629 --> 01:41:13,119

traveler from 2036. a lot of things were

2269

01:41:15,590 --> 01:41:14,639

presented

2270

01:41:18,390 --> 01:41:15,600

um

2271

01:41:19,910 --> 01:41:18,400

a nuclear war a civil war

2272

01:41:22,390 --> 01:41:19,920

the united states breaking up into

2273

01:41:26,310 --> 01:41:22,400

factions he was part of a regiment that

2274

01:41:27,990 --> 01:41:26,320

was based in in tampa florida um

2275

01:41:31,430 --> 01:41:28,000

communal living

2276

01:41:34,470 --> 01:41:31,440

uh he brought up aspects of uh mad cow

2277

01:41:35,430 --> 01:41:34,480

disease and and some other things

2278

01:41:37,910 --> 01:41:35,440

um

2279

01:41:41,270 --> 01:41:37,920

that were very very interesting some of

2280

01:41:44,149 --> 01:41:41,280

it didn't really turn out to be

2281

01:41:46,470 --> 01:41:44,159

factual but some of it did and it was it

2282

01:41:48,229 --> 01:41:46,480

was a head scratcher for many

2283

01:41:50,950 --> 01:41:48,239

um now

2284

01:41:53,270 --> 01:41:50,960

this is where for me

2285

01:41:55,590 --> 01:41:53,280

uh where the story

2286

01:41:58,390 --> 01:41:55,600

uh took an interesting turn

2287

01:42:01,990 --> 01:41:58,400

and watching this stuff in real time

2288

01:42:04,470 --> 01:42:02,000

back then in 2000 it was an incredible

2289

01:42:08,550 --> 01:42:04,480

ride i mean i couldn't believe it

2290

01:42:12,629 --> 01:42:08,560

and part of it uh it was this

2291

01:42:16,229 --> 01:42:12,639

this was his symbol from his regiment

2292

01:42:18,229 --> 01:42:16,239

and he started posting this online again

2293

01:42:19,590 --> 01:42:18,239

there wasn't any reference to this

2294

01:42:23,030 --> 01:42:19,600

anywhere

2295

01:42:25,750 --> 01:42:23,040

um and if it was

2296

01:42:27,270 --> 01:42:25,760

um artwork that was generated by

2297

01:42:29,669 --> 01:42:27,280

somebody else

2298

01:42:31,189 --> 01:42:29,679

right it would have surfaced eventually

2299

01:42:33,910 --> 01:42:31,199

on the net somebody would have said i

2300

01:42:36,229 --> 01:42:33,920

drew this or i created this or or here's

2301

01:42:38,950 --> 01:42:36,239

the original images to this

2302

01:42:41,109 --> 01:42:38,960

it never happened and even to this day

2303

01:42:42,550 --> 01:42:41,119

by the way i've got to get me a john

2304

01:42:46,070 --> 01:42:42,560

teeter t-shirt

2305

01:42:47,430 --> 01:42:46,080

uh with that symbol on it um but it it's

2306

01:42:49,350 --> 01:42:47,440

never been

2307

01:42:50,310 --> 01:42:49,360

the hoax

2308

01:42:53,510 --> 01:42:50,320

has

2309

01:42:56,310 --> 01:42:53,520

never been revealed and the players

2310

01:42:57,669 --> 01:42:56,320

behind it more on that in just a bit and

2311

01:43:00,870 --> 01:42:57,679

then we have this

2312

01:43:03,270 --> 01:43:00,880

this was his time machine

2313

01:43:05,830 --> 01:43:03,280

now i want you to take a close look um

2314

01:43:08,390 --> 01:43:05,840

we're going to discuss many aspects of

2315

01:43:10,470 --> 01:43:08,400

of this time machine

2316

01:43:11,430 --> 01:43:10,480

and uh

2317

01:43:14,070 --> 01:43:11,440

he

2318

01:43:16,310 --> 01:43:14,080

was very open

2319

01:43:19,030 --> 01:43:16,320

about the technology about how it was

2320

01:43:20,070 --> 01:43:19,040

built uh i think he said general

2321

01:43:22,070 --> 01:43:20,080

electric

2322

01:43:24,550 --> 01:43:22,080

perfected time travel

2323

01:43:26,950 --> 01:43:24,560

and i don't know if this was

2324

01:43:28,950 --> 01:43:26,960

a general electric device but he did

2325

01:43:31,270 --> 01:43:28,960

talk about that he provided schematics

2326

01:43:33,590 --> 01:43:31,280

we'll get into that too as well but what

2327

01:43:35,669 --> 01:43:33,600

i always found interesting about this

2328

01:43:36,709 --> 01:43:35,679

particular time machine

2329

01:43:38,390 --> 01:43:36,719

um

2330

01:43:40,550 --> 01:43:38,400

if it was hoaxed

2331

01:43:41,270 --> 01:43:40,560

then there was a lot of effort put into

2332

01:43:45,669 --> 01:43:41,280

this

2333

01:43:48,310 --> 01:43:45,679

you have labels um you have stickers you

2334

01:43:51,830 --> 01:43:48,320

have instructions you have the model

2335

01:43:53,030 --> 01:43:51,840

building if it's fake right because back

2336

01:43:53,990 --> 01:43:53,040

then

2337

01:43:54,870 --> 01:43:54,000

um

2338

01:43:56,950 --> 01:43:54,880

in

2339

01:43:58,310 --> 01:43:56,960

uh the the mid

2340

01:44:00,790 --> 01:43:58,320

90s

2341

01:44:02,390 --> 01:44:00,800

to go it computers weren't what they are

2342

01:44:04,149 --> 01:44:02,400

today

2343

01:44:07,030 --> 01:44:04,159

they simply weren't

2344

01:44:09,590 --> 01:44:07,040

and so back then

2345

01:44:10,390 --> 01:44:09,600

to generate type

2346

01:44:11,430 --> 01:44:10,400

to

2347

01:44:13,990 --> 01:44:11,440

have

2348

01:44:16,470 --> 01:44:14,000

labels created and made we can do all of

2349

01:44:19,750 --> 01:44:16,480

that easily today back then

2350

01:44:22,550 --> 01:44:19,760

it wasn't a simple process to get done

2351
01:44:26,070 --> 01:44:22,560
you would have to have had a team of

2352
01:44:28,390 --> 01:44:26,080
people involved with this and not only

2353
01:44:30,229 --> 01:44:28,400
uh the artwork

2354
01:44:42,950 --> 01:44:30,239
and the

2355
01:44:45,270 --> 01:44:42,960
by somebody technical on the front end

2356
01:44:48,310 --> 01:44:45,280
and you also have to have the science

2357
01:44:51,430 --> 01:44:48,320
and the physics behind this and and laid

2358
01:44:52,629 --> 01:44:51,440
out there were things that john teeter

2359
01:44:54,950 --> 01:44:52,639
brought up for the first time that was

2360
01:44:57,669 --> 01:44:54,960
never brought up in time travel before

2361
01:44:59,910 --> 01:44:57,679
and one of those aspects

2362
01:45:02,070 --> 01:44:59,920
was gravity clocks

2363
01:45:03,990 --> 01:45:02,080

and i remember him talking about gravity

2364

01:45:07,669 --> 01:45:04,000

clocks what's that well

2365

01:45:09,990 --> 01:45:07,679

and he as he explained it

2366

01:45:13,510 --> 01:45:10,000

wherever you are

2367

01:45:16,390 --> 01:45:13,520

on earth you're going to have a specific

2368

01:45:17,669 --> 01:45:16,400

gravity signature altitude

2369

01:45:19,669 --> 01:45:17,679

location

2370

01:45:21,510 --> 01:45:19,679

all of this comes into play

2371

01:45:23,830 --> 01:45:21,520

and when you travel

2372

01:45:25,109 --> 01:45:23,840

time you want to be

2373

01:45:28,629 --> 01:45:25,119

back

2374

01:45:29,590 --> 01:45:28,639

where you are at that exact precise

2375

01:45:31,669 --> 01:45:29,600

place

2376

01:45:33,030 --> 01:45:31,679

geographically you don't want to be in

2377

01:45:35,189 --> 01:45:33,040

the middle of the ocean you don't want

2378

01:45:37,510 --> 01:45:35,199

to be in the middle of space

2379

01:45:39,350 --> 01:45:37,520

right what if earth is you know going

2380

01:45:40,950 --> 01:45:39,360

around and you time travel earth is on

2381

01:45:41,750 --> 01:45:40,960

the other side of the sun and you come

2382

01:45:43,510 --> 01:45:41,760

out of

2383

01:45:45,030 --> 01:45:43,520

you know and you're floating in space

2384

01:45:48,070 --> 01:45:45,040

you don't want that

2385

01:45:51,030 --> 01:45:48,080

gravity clocks you want to be in the

2386

01:45:53,189 --> 01:45:51,040

exact spot where you are after you're

2387

01:45:55,830 --> 01:45:53,199

done with traveling backwards or

2388

01:45:58,550 --> 01:45:55,840

forwards in time and that was an aspect

2389

01:46:01,910 --> 01:45:58,560

of this and his explanation of it that

2390

01:46:03,990 --> 01:46:01,920

had never been talked about before

2391

01:46:05,350 --> 01:46:04,000

and and for me it was one of the aspects

2392

01:46:07,189 --> 01:46:05,360

of this case

2393

01:46:10,870 --> 01:46:07,199

that was um

2394

01:46:13,189 --> 01:46:10,880

added not only uh was it uh adding to

2395

01:46:14,950 --> 01:46:13,199

the validity of the case

2396

01:46:18,070 --> 01:46:14,960

but it to me

2397

01:46:21,189 --> 01:46:18,080

it involved too many minds

2398

01:46:22,390 --> 01:46:21,199

too many minds to be a hoax

2399

01:46:25,270 --> 01:46:22,400

next

2400

01:46:26,550 --> 01:46:25,280

this is the schematic in the uh the

2401
01:46:28,390 --> 01:46:26,560
breakout

2402
01:46:31,590 --> 01:46:28,400
of uh

2403
01:46:33,990 --> 01:46:31,600
his his his time machine

2404
01:46:35,189 --> 01:46:34,000
now i'm gonna go back to what i just

2405
01:46:36,390 --> 01:46:35,199
brought up

2406
01:46:39,750 --> 01:46:36,400
to do

2407
01:46:41,430 --> 01:46:39,760
something like this at that period of

2408
01:46:42,629 --> 01:46:41,440
time

2409
01:46:44,550 --> 01:46:42,639
this

2410
01:46:46,629 --> 01:46:44,560
is complex

2411
01:46:48,229 --> 01:46:46,639
now you can do this with a cad system

2412
01:46:50,629 --> 01:46:48,239
today on computers

2413
01:46:52,390 --> 01:46:50,639

but back then

2414

01:46:55,910 --> 01:46:52,400

no

2415

01:46:59,030 --> 01:46:55,920

in my eyes in looking at this

2416

01:47:01,830 --> 01:46:59,040

this is a pen and ink drawing

2417

01:47:04,149 --> 01:47:01,840

this isn't a cad drawing remember this

2418

01:47:05,189 --> 01:47:04,159

is the year 2000 now it could have been

2419

01:47:08,470 --> 01:47:05,199

cad

2420

01:47:12,550 --> 01:47:08,480

something like this

2421

01:47:14,550 --> 01:47:12,560

were rare and very expensive used by the

2422

01:47:17,109 --> 01:47:14,560

biggest architectural

2423

01:47:18,390 --> 01:47:17,119

and engineering firms in the world i

2424

01:47:20,470 --> 01:47:18,400

think this

2425

01:47:23,430 --> 01:47:20,480

was drawn

2426

01:47:26,550 --> 01:47:23,440

okay to create i mean to

2427

01:47:29,030 --> 01:47:26,560

uh to be fake i should say it would have

2428

01:47:31,270 --> 01:47:29,040

to be drawn and the artist that would

2429

01:47:33,109 --> 01:47:31,280

have drawn that

2430

01:47:34,629 --> 01:47:33,119

would have come forward would have blown

2431

01:47:37,109 --> 01:47:34,639

this hoax out would say this is the

2432

01:47:38,550 --> 01:47:37,119

original drawing i did in burbank or

2433

01:47:40,950 --> 01:47:38,560

wherever

2434

01:47:43,189 --> 01:47:40,960

in in 1996

2435

01:47:45,669 --> 01:47:43,199

for the john teter hoax no

2436

01:47:47,510 --> 01:47:45,679

i think that's a legitimate

2437

01:47:50,709 --> 01:47:47,520

cad drawing

2438

01:47:52,709 --> 01:47:50,719

from the future

2439

01:47:55,109 --> 01:47:52,719

it's very complex

2440

01:47:57,590 --> 01:47:55,119

and and for a hoax and this is just a

2441

01:48:00,390 --> 01:47:57,600

small part of this

2442

01:48:02,470 --> 01:48:00,400

i have sat around with many people

2443

01:48:05,350 --> 01:48:02,480

discussing john teeter

2444

01:48:06,790 --> 01:48:05,360

and all of the aspects of it and i keep

2445

01:48:07,830 --> 01:48:06,800

falling back

2446

01:48:09,910 --> 01:48:07,840

to

2447

01:48:12,310 --> 01:48:09,920

the time machine that i just showed you

2448

01:48:13,590 --> 01:48:12,320

in the previous photograph and stuff

2449

01:48:16,629 --> 01:48:13,600

like this

2450

01:48:20,629 --> 01:48:16,639

that takes too many people to create

2451

01:48:22,950 --> 01:48:20,639

back then it would have to be authentic

2452

01:48:25,830 --> 01:48:22,960

it would have to be

2453

01:48:27,750 --> 01:48:25,840

next this is another uh this is from the

2454

01:48:29,910 --> 01:48:27,760

technical manual

2455

01:48:32,790 --> 01:48:29,920

and you can see it's part of the

2456

01:48:37,510 --> 01:48:32,800

operational guide for the time machine

2457

01:48:40,709 --> 01:48:37,520

and uh look at that there now we um this

2458

01:48:42,470 --> 01:48:40,719

is great and that looks like an official

2459

01:48:44,310 --> 01:48:42,480

government document to me that looks

2460

01:48:47,270 --> 01:48:44,320

like something from a military training

2461

01:48:49,910 --> 01:48:47,280

manual to me to my eyes

2462

01:48:52,550 --> 01:48:49,920

right now think about that

2463

01:48:56,070 --> 01:48:52,560

very elaborate if it was a hoax

2464

01:48:58,070 --> 01:48:56,080

and somewhere out there if it was a hoax

2465

01:49:01,270 --> 01:48:58,080

all of this stuff exists

2466

01:49:02,390 --> 01:49:01,280

and i am surprised if it if it was

2467

01:49:04,950 --> 01:49:02,400

hoaxed

2468

01:49:07,270 --> 01:49:04,960

that somebody hasn't come forward with

2469

01:49:09,590 --> 01:49:07,280

one of the most sensational hoax stories

2470

01:49:10,550 --> 01:49:09,600

of all time because it's a heck of a

2471

01:49:12,709 --> 01:49:10,560

movie

2472

01:49:15,750 --> 01:49:12,719

right but no

2473

01:49:19,510 --> 01:49:15,760

that's why it's it's stuff like this it

2474

01:49:23,189 --> 01:49:19,520

just feels real to me and i've looked at

2475

01:49:30,629 --> 01:49:26,709

another page from the uh operations

2476

01:49:32,390 --> 01:49:30,639

manual for the time machine again

2477

01:49:35,030 --> 01:49:32,400

right

2478

01:49:37,669 --> 01:49:35,040

it's absolutely incredible to look at

2479

01:49:39,030 --> 01:49:37,679

and when we we look at these pages of

2480

01:49:41,589 --> 01:49:39,040

the manual

2481

01:49:43,589 --> 01:49:41,599

um that's great

2482

01:49:45,830 --> 01:49:43,599

that is totally awesome

2483

01:49:47,030 --> 01:49:45,840

but it's stuff like this that started to

2484

01:49:49,589 --> 01:49:47,040

surface

2485

01:49:53,270 --> 01:49:49,599

um oh uh this is

2486

01:49:55,830 --> 01:49:53,280

uh the the the aspects of time travel

2487

01:49:56,790 --> 01:49:55,840

and how it applies in the operations

2488

01:49:59,189 --> 01:49:56,800

guide

2489

01:50:00,149 --> 01:49:59,199

that that's one of my favorite pages

2490

01:50:02,950 --> 01:50:00,159

and then

2491

01:50:05,990 --> 01:50:02,960

we have this

2492

01:50:08,709 --> 01:50:06,000

this is an actual photograph

2493

01:50:10,470 --> 01:50:08,719

of john teeter's time machine

2494

01:50:14,229 --> 01:50:10,480

in one of his vehicles

2495

01:50:17,270 --> 01:50:14,239

now he used a few different uh

2496

01:50:18,870 --> 01:50:17,280

automobiles and and trucks uh to place

2497

01:50:22,229 --> 01:50:18,880

his time machine in

2498

01:50:24,790 --> 01:50:22,239

and what he found now i i think this was

2499

01:50:27,350 --> 01:50:24,800

a corvette but every time i look at this

2500

01:50:29,350 --> 01:50:27,360

it feels like a mustang to me but but i

2501

01:50:32,870 --> 01:50:29,360

believe this is a corvette

2502

01:50:35,990 --> 01:50:32,880

um this is a crisp and clear picture

2503

01:50:37,910 --> 01:50:36,000

um of there's other versions of this

2504

01:50:39,350 --> 01:50:37,920

picture on the net that aren't as good

2505

01:50:42,470 --> 01:50:39,360

as this i want to present you with the

2506

01:50:45,510 --> 01:50:42,480

best but you can clearly see

2507

01:50:47,510 --> 01:50:45,520

what is happening here and it doesn't

2508

01:50:50,390 --> 01:50:47,520

it doesn't feel fake it doesn't feel

2509

01:50:53,109 --> 01:50:50,400

like it's hoaxed that just looks real

2510

01:50:55,990 --> 01:50:53,119

and he went back and explained that he

2511

01:50:58,390 --> 01:50:56,000

had to use uh another vehicle because he

2512

01:51:00,390 --> 01:50:58,400

found out that the sports car

2513

01:51:02,070 --> 01:51:00,400

with uh the time machine in the front

2514

01:51:04,950 --> 01:51:02,080

seat as you can see in the passenger

2515

01:51:07,189 --> 01:51:04,960

seat the suspension

2516

01:51:10,229 --> 01:51:07,199

wasn't strong enough

2517

01:51:13,030 --> 01:51:10,239

he had to have uh something with a

2518

01:51:14,870 --> 01:51:13,040

beefier suspension a four-wheel drive a

2519

01:51:17,030 --> 01:51:14,880

truck of some kind

2520

01:51:19,430 --> 01:51:17,040

but look at that that's an incredible

2521

01:51:22,310 --> 01:51:19,440

photograph

2522

01:51:25,109 --> 01:51:22,320

this is the time machine it looks like

2523

01:51:28,149 --> 01:51:25,119

it's in a home

2524

01:51:29,189 --> 01:51:28,159

and again it is sitting there so you can

2525

01:51:31,350 --> 01:51:29,199

see it

2526
01:51:32,709 --> 01:51:31,360
um and you can see the labels you can

2527
01:51:35,109 --> 01:51:32,719
see um

2528
01:51:36,229 --> 01:51:35,119
how to operate it the instructions are

2529
01:51:38,790 --> 01:51:36,239
there

2530
01:51:39,669 --> 01:51:38,800
um it's it's just incredible to see

2531
01:51:41,990 --> 01:51:39,679
these

2532
01:51:43,669 --> 01:51:42,000
uh pictures popping up on the forums and

2533
01:51:46,149 --> 01:51:43,679
i was like oh my god

2534
01:51:49,430 --> 01:51:46,159
this is this has gone to a whole nother

2535
01:51:53,750 --> 01:51:49,440
level it's gone to a whole other level

2536
01:51:57,830 --> 01:51:53,760
next uh this is uh his time machine

2537
01:52:00,870 --> 01:51:57,840
i believe in in a blazer or ford bronco

2538
01:52:05,270 --> 01:52:00,880

four-wheel drive he needed the beefier

2539

01:52:06,790 --> 01:52:05,280

suspension and there it is there

2540

01:52:09,830 --> 01:52:06,800

next

2541

01:52:14,070 --> 01:52:09,840

um oh let me back up so

2542

01:52:19,830 --> 01:52:14,080

here um with teeter

2543

01:52:25,350 --> 01:52:23,669

and his openness on the forums ask me

2544

01:52:27,589 --> 01:52:25,360

any question

2545

01:52:29,109 --> 01:52:27,599

right and and the questions were there

2546

01:52:31,990 --> 01:52:29,119

and they were solid

2547

01:52:34,430 --> 01:52:32,000

he didn't dance he didn't skate he he

2548

01:52:36,629 --> 01:52:34,440

answered everything in a very

2549

01:52:39,030 --> 01:52:36,639

straightforward manner

2550

01:52:40,709 --> 01:52:39,040

and the conversations they lasted for

2551
01:52:41,669 --> 01:52:40,719
about a year

2552
01:52:48,310 --> 01:52:41,679
and

2553
01:52:51,109 --> 01:52:48,320
um

2554
01:52:53,430 --> 01:52:51,119
we're so deep and so scientific but

2555
01:52:56,070 --> 01:52:53,440
there was also again the philosophical

2556
01:52:58,470 --> 01:52:56,080
aspect to this what life was like in the

2557
01:53:00,310 --> 01:52:58,480
future what he was dealing with things

2558
01:53:04,149 --> 01:53:00,320
and how he felt

2559
01:53:06,950 --> 01:53:04,159
in in 1975 how he felt in the year 2000

2560
01:53:09,750 --> 01:53:06,960
and and why he had to

2561
01:53:13,109 --> 01:53:09,760
uh come by the year 2000 and that was

2562
01:53:15,589 --> 01:53:13,119
also to see a version of himself um that

2563
01:53:17,589 --> 01:53:15,599

was uh pretty interesting again

2564

01:53:20,390 --> 01:53:17,599

creating a paradox

2565

01:53:21,990 --> 01:53:20,400

well one of the things that john teeter

2566

01:53:26,310 --> 01:53:22,000

had explained

2567

01:53:29,270 --> 01:53:26,320

is that he was creating another timeline

2568

01:53:31,669 --> 01:53:29,280

and so he was able to go and and and

2569

01:53:32,629 --> 01:53:31,679

visit himself without creating a paradox

2570

01:53:34,950 --> 01:53:32,639

i thought that that was pretty

2571

01:53:36,790 --> 01:53:34,960

interesting too as well

2572

01:53:39,430 --> 01:53:36,800

but

2573

01:53:43,350 --> 01:53:39,440

the conversations were deep they were

2574

01:53:44,950 --> 01:53:43,360

long and um the members of these forums

2575

01:53:46,629 --> 01:53:44,960

back then

2576

01:53:51,270 --> 01:53:46,639

um i

2577

01:53:56,310 --> 01:53:53,030

we all

2578

01:53:58,950 --> 01:53:56,320

felt that we were actually talking to a

2579

01:54:01,189 --> 01:53:58,960

real-time traveler i don't think there

2580

01:54:03,270 --> 01:54:01,199

were there was a few skeptics out there

2581

01:54:05,350 --> 01:54:03,280

and you have to be skeptical

2582

01:54:07,750 --> 01:54:05,360

and i think that all of us were pretty

2583

01:54:11,270 --> 01:54:07,760

skeptical in the beginning i think art

2584

01:54:13,830 --> 01:54:11,280

was getting faxes uh sent to him and

2585

01:54:15,109 --> 01:54:13,840

uh to his office out there in parum to

2586

01:54:16,149 --> 01:54:15,119

his studio

2587

01:54:17,910 --> 01:54:16,159

um

2588

01:54:20,070 --> 01:54:17,920

and and

2589

01:54:21,189 --> 01:54:20,080

we had to

2590

01:54:23,430 --> 01:54:21,199

uh

2591

01:54:26,310 --> 01:54:23,440

be skeptical in the beginning but i

2592

01:54:28,070 --> 01:54:26,320

think that faded away uh as as the

2593

01:54:29,350 --> 01:54:28,080

months went by

2594

01:54:31,669 --> 01:54:29,360

in that

2595

01:54:33,109 --> 01:54:31,679

the answers

2596

01:54:34,629 --> 01:54:33,119

seemed

2597

01:54:36,870 --> 01:54:34,639

reasonable

2598

01:54:39,669 --> 01:54:36,880

right i don't think that any of us well

2599

01:54:42,790 --> 01:54:39,679

okay that that doesn't feel quite right

2600

01:54:44,550 --> 01:54:42,800

somebody's making this up

2601
01:54:47,030 --> 01:54:44,560
but then

2602
01:54:49,030 --> 01:54:47,040
he said goodbye

2603
01:54:50,629 --> 01:54:49,040
he said i gotta go i gotta go back my

2604
01:54:53,189 --> 01:54:50,639
mission's over

2605
01:54:54,149 --> 01:54:53,199
and the teeter post

2606
01:54:57,030 --> 01:54:54,159
ended

2607
01:55:00,870 --> 01:54:57,040
in late march of 2001

2608
01:55:03,990 --> 01:55:00,880
and i'm going to tell you i i remember

2609
01:55:05,589 --> 01:55:04,000
sitting there going it's over

2610
01:55:07,510 --> 01:55:05,599
it's done

2611
01:55:10,229 --> 01:55:07,520
and that was it

2612
01:55:13,430 --> 01:55:10,239
now what were we left with

2613
01:55:15,030 --> 01:55:13,440

we were left with trying to unravel this

2614

01:55:16,470 --> 01:55:15,040

and yes

2615

01:55:19,030 --> 01:55:16,480

um

2616

01:55:21,350 --> 01:55:19,040

there were you know his attorney

2617

01:55:23,669 --> 01:55:21,360

his mom was supposed to come on fade to

2618

01:55:27,189 --> 01:55:23,679

black and and

2619

01:55:29,350 --> 01:55:27,199

uh which never happened uh john was

2620

01:55:32,149 --> 01:55:29,360

supposed to have returned

2621

01:55:34,950 --> 01:55:32,159

and and that never happened i there were

2622

01:55:37,189 --> 01:55:34,960

assurances made to me that uh when this

2623

01:55:39,510 --> 01:55:37,199

happened and it was going to

2624

01:55:41,510 --> 01:55:39,520

um that this would happen on fade to

2625

01:55:42,390 --> 01:55:41,520

black well

2626
01:55:44,310 --> 01:55:42,400
uh

2627
01:55:45,189 --> 01:55:44,320
none of that happened

2628
01:55:46,790 --> 01:55:45,199
the

2629
01:55:50,950 --> 01:55:46,800
amount of

2630
01:55:55,990 --> 01:55:53,510
the documentaries that were made uh the

2631
01:55:59,350 --> 01:55:56,000
web series that were done

2632
01:56:02,790 --> 01:55:59,360
um there was a couple of tv movies that

2633
01:56:05,669 --> 01:56:02,800
weren't uh any good that were made

2634
01:56:06,950 --> 01:56:05,679
but i was also contacted

2635
01:56:09,990 --> 01:56:06,960
by

2636
01:56:11,030 --> 01:56:10,000
dozens and dozens of people

2637
01:56:12,470 --> 01:56:11,040
that

2638
01:56:39,990 --> 01:56:12,480

a

2639

01:56:51,350 --> 01:56:40,000

i

2640

01:56:53,109 --> 01:56:51,360

contacted by somebody else that was part

2641

01:56:56,790 --> 01:56:53,119

of the teeter camp

2642

01:57:00,390 --> 01:56:56,800

the one thing that i can tell you as of

2643

01:57:02,629 --> 01:57:00,400

today and here we are the 11th of july

2644

01:57:05,589 --> 01:57:02,639

2022

2645

01:57:10,870 --> 01:57:05,599

the john teeter story

2646

01:57:12,310 --> 01:57:10,880

has not been proven to be a hoax

2647

01:57:14,709 --> 01:57:12,320

has not

2648

01:57:15,990 --> 01:57:14,719

some some good researchers out there

2649

01:57:17,669 --> 01:57:16,000

have put

2650

01:57:19,109 --> 01:57:17,679

pretty comprehensive and compelling

2651

01:57:21,669 --> 01:57:19,119

stories together

2652

01:57:25,830 --> 01:57:21,679

but none of it ever held water

2653

01:57:30,390 --> 01:57:25,840

and no definitive proof of anything

2654

01:57:32,149 --> 01:57:30,400

was ever brought forward and to this day

2655

01:57:34,709 --> 01:57:32,159

the time machine

2656

01:57:36,790 --> 01:57:34,719

has not surfaced if it's in somebody's

2657

01:57:39,270 --> 01:57:36,800

garage

2658

01:57:41,910 --> 01:57:39,280

hasn't surfaced the original field

2659

01:57:44,149 --> 01:57:41,920

manual uh the writers that put that

2660

01:57:47,109 --> 01:57:44,159

together and the graphic designers that

2661

01:57:48,149 --> 01:57:47,119

designed it and the original artwork and

2662

01:57:51,189 --> 01:57:48,159

those fi

2663

01:57:52,870 --> 01:57:51,199

have no the original films that needed

2664

01:57:55,510 --> 01:57:52,880

to be created to make all of those

2665

01:57:57,750 --> 01:57:55,520

stickers uh for the inside of the the

2666

01:58:00,629 --> 01:57:57,760

time machine the lid the instructions on

2667

01:58:01,910 --> 01:58:00,639

how to operate it none of that stuff has

2668

01:58:04,229 --> 01:58:01,920

surfaced

2669

01:58:05,990 --> 01:58:04,239

none of it anybody that took the

2670

01:58:08,790 --> 01:58:06,000

original photographs of stuff that was

2671

01:58:12,070 --> 01:58:08,800

posted online who took those pictures

2672

01:58:15,270 --> 01:58:12,080

where are they they've never surfaced

2673

01:58:17,510 --> 01:58:15,280

none of the real evidence

2674

01:58:19,589 --> 01:58:17,520

you can have circumstantial evidence you

2675

01:58:20,870 --> 01:58:19,599

can have people that say this or that or

2676

01:58:23,109 --> 01:58:20,880

you can have

2677

01:58:25,030 --> 01:58:23,119

different web searches put together and

2678

01:58:27,189 --> 01:58:25,040

ip addresses you can do all of that you

2679

01:58:29,430 --> 01:58:27,199

want that's all circumstantial

2680

01:58:32,629 --> 01:58:29,440

the real evidence

2681

01:58:35,510 --> 01:58:32,639

has never been brought forward and we

2682

01:58:37,830 --> 01:58:35,520

are here in the middle of 2022.

2683

01:58:39,350 --> 01:58:37,840

so i will say this before i get to the

2684

01:58:41,990 --> 01:58:39,360

next break

2685

01:58:43,109 --> 01:58:42,000

if anybody out there

2686

01:58:44,149 --> 01:58:43,119

has

2687

01:58:46,629 --> 01:58:44,159

evidence

2688

01:58:48,950 --> 01:58:46,639

has the original time machine

2689

01:58:52,149 --> 01:58:48,960

has the original photographs has the

2690

01:58:55,030 --> 01:58:52,159

original field manuals uh the technical

2691

01:58:57,350 --> 01:58:55,040

writing that went behind it all of the

2692

01:59:00,390 --> 01:58:57,360

stuff that was presented on the forums

2693

01:59:03,430 --> 01:59:00,400

everything if you have any of that

2694

01:59:05,669 --> 01:59:03,440

i would like to hear from you

2695

01:59:07,669 --> 01:59:05,679

this is fade to black i am your host

2696

01:59:09,030 --> 01:59:07,679

jimmy church tonight

2697

01:59:10,790 --> 01:59:09,040

the secrets

2698

01:59:13,830 --> 01:59:10,800

of time travel

2699

01:59:17,270 --> 01:59:13,840

that's right so that was john teeter

2700

01:59:19,109 --> 01:59:17,280

good stuff right still an open question

2701
01:59:21,669 --> 01:59:19,119
when we come back we're gonna talk

2702
01:59:21,679 --> 01:59:28,150
this is fade to black stay with

2703
01:59:28,160 --> 01:59:29,189
[Music]

2704
01:59:29,199 --> 01:59:34,500
guard on us

2705
01:59:38,470 --> 01:59:35,990
[Music]

2706
01:59:41,910 --> 01:59:38,480
your 1 million gigawatt paranormal

2707
01:59:43,669 --> 01:59:41,920
powerhouse kumx db

2708
01:59:45,750 --> 01:59:43,679
the x

2709
01:59:48,550 --> 01:59:45,760
right now the world couldn't be more

2710
01:59:51,350 --> 01:59:48,560
chaotic history shows us what gold does

2711
01:59:53,830 --> 01:59:51,360
when the world goes crazy it goes up in

2712
01:59:56,390 --> 01:59:53,840
value right now we're in unprecedented

2713
01:59:59,589 --> 01:59:56,400

times the pandemic the war in ukraine

2714

02:00:01,669 --> 01:59:59,599

the evaluation of the us dollar gold and

2715

02:00:03,589 --> 02:00:01,679

other precious metals are a defense

2716

02:00:06,149 --> 02:00:03,599

measure against the hyper inflation

2717

02:00:08,470 --> 02:00:06,159

that's happening right now so what can

2718

02:00:11,030 --> 02:00:08,480

you do to protect yourself call my

2719

02:00:13,189 --> 02:00:11,040

friend alan johnson at united gold group

2720

02:00:15,270 --> 02:00:13,199

he's dedicated to helping people secure

2721

02:00:17,750 --> 02:00:15,280

their retirement income he'll help you

2722

02:00:19,910 --> 02:00:17,760

with gold with silver and other precious

2723

02:00:23,430 --> 02:00:19,920

metals and show you how to set up your

2724

02:00:25,750 --> 02:00:23,440

own self-directed ira safe and secure

2725

02:00:28,070 --> 02:00:25,760

united gold group makes gold ownership

2726
02:00:30,870 --> 02:00:28,080
easy and affordable there couldn't be a

2727
02:00:32,550 --> 02:00:30,880
better time so call now and get a silver

2728
02:00:37,990 --> 02:00:32,560
american eagle proof set with a

2729
02:00:38,000 --> 02:00:41,990
that's 800 755

2730
02:00:49,669 --> 02:00:45,030
or visit unitedgoldgroup.com

2731
02:00:54,070 --> 02:00:51,669
the believer is the chilling true story

2732
02:00:56,390 --> 02:00:54,080
of dr john mack a renowned harvard

2733
02:00:58,870 --> 02:00:56,400
psychiatrist and pulitzer prize winner

2734
02:01:01,669 --> 02:00:58,880
this is a outreach program from the

2735
02:01:04,070 --> 02:01:01,679
cosmos to the consciously impaired he

2736
02:01:06,950 --> 02:01:04,080
risked it all to investigate human

2737
02:01:09,669 --> 02:01:06,960
encounters with alia the believer

2738
02:01:11,910 --> 02:01:09,679

alien encounters hard science and the

2739

02:01:13,830 --> 02:01:11,920

passion of john mack written by

2740

02:01:16,070 --> 02:01:13,840

award-winning former new york times

2741

02:01:18,149 --> 02:01:16,080

journalist and author ralph blumenthal

2742

02:01:20,229 --> 02:01:18,159

now available in paperback from high

2743

02:01:21,990 --> 02:01:20,239

road books

2744

02:01:24,550 --> 02:01:22,000

are you ready to read about true

2745

02:01:27,350 --> 02:01:24,560

paranormal events unex media publishes

2746

02:01:29,750 --> 02:01:27,360

non-fiction books about ufos ghosts and

2747

02:01:33,030 --> 02:01:29,760

haunted places time anomalies cryptid

2748

02:01:35,189 --> 02:01:33,040

creatures and more just like kunx db

2749

02:01:38,189 --> 02:01:35,199

radio it's all about unexplained

2750

02:01:40,229 --> 02:01:38,199

phenomena visit

2751

02:01:42,390 --> 02:01:40,239

www.unexmedia.com to see our list of

2752

02:01:45,030 --> 02:01:42,400

great book titles by debbie zigglemeyer

2753

02:01:47,589 --> 02:01:45,040

gene walker devin listrom wayne lawrence

2754

02:01:50,870 --> 02:01:47,599

bill spicer and yours truly margie k

2755

02:01:52,709 --> 02:01:50,880

that's on xmedia.com

2756

02:01:56,070 --> 02:01:52,719

this is jimmy church of fade to black

2757

02:01:59,270 --> 02:01:56,080

and i only drink fade to black blend

2758

02:02:00,870 --> 02:01:59,280

coffee from river moon just click on the

2759

02:02:02,629 --> 02:02:00,880

river moon coffee banner at

2760

02:02:06,629 --> 02:02:02,639

jimmychurchradio.com

2761

02:02:09,350 --> 02:02:06,639

promo code f2b blend

2762

02:02:12,070 --> 02:02:09,360

this is the only way forward

2763

02:02:14,550 --> 02:02:12,080

this is paid to black

2764

02:02:17,990 --> 02:02:14,560

make contact

2765

02:02:20,390 --> 02:02:18,000

join us august 5th through the 7th 2022

2766

02:02:22,790 --> 02:02:20,400

at the drury conference center in cape

2767

02:02:25,350 --> 02:02:22,800

girardeau missouri for the launch of the

2768

02:02:28,310 --> 02:02:25,360

midwest conference on the unknown there

2769

02:02:30,790 --> 02:02:28,320

are three interactive days packed with

2770

02:02:33,189 --> 02:02:30,800

vendors exhibitors and nationally

2771

02:02:36,790 --> 02:02:33,199

recognized researchers presenting on

2772

02:02:39,510 --> 02:02:36,800

unknown topics like ufo uap phenomenon

2773

02:02:42,870 --> 02:02:39,520

ghosts and bigfoot and missouri's own

2774

02:02:44,950 --> 02:02:42,880

momo the missouri monster cape girardo

2775

02:02:49,189 --> 02:02:44,960

has long been one of the most sought out

2776

02:02:52,229 --> 02:02:49,199

areas for ufo enthusiasts since the 1941

2777

02:02:54,709 --> 02:02:52,239

ufo crash and now is your chance to be a

2778

02:02:58,229 --> 02:02:54,719

part of the inaugural conference visit

2779

02:03:00,709 --> 02:02:58,239

cape dash events.com or follow us on

2780

02:03:02,709 --> 02:03:00,719

facebook at midwest conference on the

2781

02:03:05,589 --> 02:03:02,719

unknown for more information

2782

02:03:08,310 --> 02:03:05,599

ex-listeners get 30 off by using the

2783

02:03:10,030 --> 02:03:08,320

promo code xvip

2784

02:03:14,290 --> 02:03:10,040

that's cape

2785

02:03:16,709 --> 02:03:14,300

events.com promo code xvip

2786

02:03:18,870 --> 02:03:16,719

[Music]

2787

02:03:21,510 --> 02:03:18,880

when you take the beans from central

2788

02:03:23,910 --> 02:03:21,520

america with dashes of indonesian and

2789

02:03:27,109 --> 02:03:23,920

african mixed in and then roasted to the

2790

02:03:29,589 --> 02:03:27,119

dark side of fate to black you create

2791

02:03:32,550 --> 02:03:29,599

the ultimate brew of fringe

2792

02:03:35,830 --> 02:03:32,560

introducing the fade to black blend from

2793

02:03:38,629 --> 02:03:35,840

river moon coffee yes river moon's

2794

02:03:41,430 --> 02:03:38,639

darkest customized roast was created for

2795

02:03:44,070 --> 02:03:41,440

the love of fade to black

2796

02:03:46,629 --> 02:03:44,080

the alchemy of masterful roasting and

2797

02:03:50,229 --> 02:03:46,639

smoking the beans is in every sip of

2798

02:03:53,189 --> 02:03:50,239

this full-bodied dark java i need my

2799

02:03:55,430 --> 02:03:53,199

coffee doc deep with distinct

2800

02:03:58,229 --> 02:03:55,440

bittersweet chocolate highlights just

2801
02:04:00,790 --> 02:03:58,239
like the bunker leaning further into the

2802
02:04:03,910 --> 02:04:00,800
darkness of the roast is fade to black

2803
02:04:06,069 --> 02:04:03,920
blend from river moon coffee just click

2804
02:04:09,750 --> 02:04:06,079
on the banner at jimmychurchradio.com

2805
02:04:21,030 --> 02:04:09,760
and use the promo code f2b blend for 15

2806
02:04:27,990 --> 02:04:25,109
you want to know a secret i love ponies

2807
02:04:30,229 --> 02:04:28,000
i really love ponies i'm serious

2808
02:04:31,589 --> 02:04:30,239
i couldn't stay sane without ponies to

2809
02:04:33,669 --> 02:04:31,599
brush

2810
02:04:40,149 --> 02:04:33,679
why fade to black

2811
02:04:46,140 --> 02:04:42,310
this is fade to black with jimmy church

2812
02:04:58,950 --> 02:04:46,150
on the game changer radio network

2813
02:05:00,950 --> 02:04:58,960

[Music]

2814

02:05:03,109 --> 02:05:00,960

welcome back fade to black i am your

2815

02:05:04,830 --> 02:05:03,119

host jimmy church tonight the secrets of

2816

02:05:08,950 --> 02:05:04,840

time

2817

02:05:14,069 --> 02:05:11,430

john teeter all right

2818

02:05:18,069 --> 02:05:14,079

gonna keep this rolling got a lot of

2819

02:05:20,950 --> 02:05:18,079

stuff uh to to still get in tonight

2820

02:05:22,629 --> 02:05:20,960

and i promise that uh i will i will do

2821

02:05:24,310 --> 02:05:22,639

my best to get it all in i have a

2822

02:05:25,270 --> 02:05:24,320

feeling we're gonna do a part two part

2823

02:05:28,069 --> 02:05:25,280

three

2824

02:05:30,550 --> 02:05:28,079

and uh i just posted over on twitter you

2825

02:05:32,629 --> 02:05:30,560

can go and check it out uh my back to

2826

02:05:33,510 --> 02:05:32,639

the future license plate it's right

2827

02:05:37,589 --> 02:05:33,520

there

2828

02:05:40,629 --> 02:05:37,599

travel

2829

02:05:42,470 --> 02:05:40,639

um now let's get into uh some of the

2830

02:05:43,589 --> 02:05:42,480

science um

2831

02:05:44,709 --> 02:05:43,599

in this

2832

02:05:49,189 --> 02:05:44,719

uh

2833

02:05:50,229 --> 02:05:49,199

physics say what does science say about

2834

02:05:51,270 --> 02:05:50,239

this

2835

02:05:54,149 --> 02:05:51,280

um

2836

02:05:55,270 --> 02:05:54,159

and so yeah we've let's let's go right

2837

02:05:56,310 --> 02:05:55,280

there

2838

02:05:58,470 --> 02:05:56,320

and

2839

02:06:00,950 --> 02:05:58,480

uh i want to talk about

2840

02:06:04,069 --> 02:06:00,960

the one of the first first aspects of

2841

02:06:05,350 --> 02:06:04,079

this is wormholes

2842

02:06:08,790 --> 02:06:05,360

and

2843

02:06:10,790 --> 02:06:08,800

you can today this is uh what is so

2844

02:06:11,910 --> 02:06:10,800

exciting about this subject about time

2845

02:06:14,629 --> 02:06:11,920

travel

2846

02:06:18,310 --> 02:06:14,639

is you can head into any direction of

2847

02:06:20,229 --> 02:06:18,320

research um on the internet and and

2848

02:06:23,030 --> 02:06:20,239

start reading about the physics of time

2849

02:06:23,990 --> 02:06:23,040

travel lots of books have been written

2850

02:06:27,350 --> 02:06:24,000

on this

2851
02:06:30,550 --> 02:06:27,360
and jump into the subject of wormholes

2852
02:06:32,709 --> 02:06:30,560
and the math the science the algorithms

2853
02:06:35,270 --> 02:06:32,719
the thought processes uh behind

2854
02:06:39,030 --> 02:06:35,280
wormholes and what what is going on

2855
02:06:39,990 --> 02:06:39,040
it is it's deep and it is a very very

2856
02:06:43,589 --> 02:06:40,000
very

2857
02:06:44,470 --> 02:06:43,599
serious subject in the world of science

2858
02:06:46,629 --> 02:06:44,480
and

2859
02:06:49,750 --> 02:06:46,639
now i'm going to get into

2860
02:06:52,709 --> 02:06:49,760
um just about every aspect of wormholes

2861
02:06:56,229 --> 02:06:52,719
and black holes in this next segment

2862
02:06:58,390 --> 02:06:56,239
and first i want to talk about wormholes

2863
02:07:00,629 --> 02:06:58,400

and

2864

02:07:01,430 --> 02:07:00,639

the teleportation

2865

02:07:04,790 --> 02:07:01,440

and

2866

02:07:08,069 --> 02:07:04,800

traveling forwards through time

2867

02:07:10,709 --> 02:07:08,079

may be possible through wormholes

2868

02:07:13,750 --> 02:07:10,719

which are tunnels

2869

02:07:15,030 --> 02:07:13,760

that link different regions of the

2870

02:07:18,470 --> 02:07:15,040

universe

2871

02:07:21,030 --> 02:07:18,480

now instantaneous travel and travel into

2872

02:07:23,990 --> 02:07:21,040

the future would become possible

2873

02:07:25,109 --> 02:07:24,000

by traveling through a wormhole

2874

02:07:27,510 --> 02:07:25,119

and

2875

02:07:31,030 --> 02:07:27,520

this completely free

2876

02:07:34,310 --> 02:07:31,040

aspect of this of of time dilation

2877

02:07:37,990 --> 02:07:34,320

which is predicted by einstein's uh

2878

02:07:41,189 --> 02:07:38,000

theory of relativity now before

2879

02:07:41,990 --> 02:07:41,199

before i get into how it works

2880

02:07:44,390 --> 02:07:42,000

um

2881

02:07:46,950 --> 02:07:44,400

the theory of relativity is brought up a

2882

02:07:51,750 --> 02:07:46,960

lot uh when it comes to wormholes and

2883

02:07:52,830 --> 02:07:51,760

black holes and time travel now einstein

2884

02:07:54,790 --> 02:07:52,840

himself

2885

02:07:57,270 --> 02:07:54,800

didn't use

2886

02:07:58,470 --> 02:07:57,280

words like time travel

2887

02:08:00,229 --> 02:07:58,480

um

2888

02:08:03,669 --> 02:08:00,239

with his research

2889

02:08:05,669 --> 02:08:03,679

and there is crossover between uh

2890

02:08:09,750 --> 02:08:05,679

special and general

2891

02:08:13,430 --> 02:08:09,760

um relativity uh when you apply

2892

02:08:15,589 --> 02:08:13,440

the the the the math and the equations

2893

02:08:18,950 --> 02:08:15,599

uh to what time travel could be and how

2894

02:08:21,189 --> 02:08:18,960

it would be done but einstein himself

2895

02:08:24,550 --> 02:08:21,199

didn't discuss this

2896

02:08:27,750 --> 02:08:24,560

all of this was discovered later

2897

02:08:30,629 --> 02:08:27,760

uh by different physicists who would go

2898

02:08:33,669 --> 02:08:30,639

back and research and apply special and

2899

02:08:35,589 --> 02:08:33,679

general relativity to modern research

2900

02:08:36,629 --> 02:08:35,599

and that's where they went hey wait a

2901
02:08:39,270 --> 02:08:36,639
minute

2902
02:08:41,270 --> 02:08:39,280
time travel is possible because

2903
02:08:44,950 --> 02:08:41,280
einstein's

2904
02:08:48,870 --> 02:08:44,960
figures his numbers his equations

2905
02:08:52,310 --> 02:08:48,880
say that it is so and it is possible

2906
02:08:54,390 --> 02:08:52,320
this came out of later research

2907
02:08:57,910 --> 02:08:54,400
this wasn't something that einstein said

2908
02:08:59,910 --> 02:08:57,920
hey okay let's talk about time travel no

2909
02:09:01,990 --> 02:08:59,920
that's that's uh

2910
02:09:04,709 --> 02:09:02,000
that's that's a myth and that's part of

2911
02:09:07,350 --> 02:09:04,719
popular culture it came out much later

2912
02:09:10,870 --> 02:09:07,360
with very serious uh research going into

2913
02:09:11,990 --> 02:09:10,880

this so how does it work

2914

02:09:13,669 --> 02:09:12,000

well

2915

02:09:15,430 --> 02:09:13,679

you need to picture a couple of

2916

02:09:18,229 --> 02:09:15,440

different things

2917

02:09:20,390 --> 02:09:18,239

um and i'm gonna pop this up for

2918

02:09:21,350 --> 02:09:20,400

everybody to take a look at

2919

02:09:22,390 --> 02:09:21,360

okay

2920

02:09:23,990 --> 02:09:22,400

so

2921

02:09:25,990 --> 02:09:24,000

in this

2922

02:09:28,550 --> 02:09:26,000

illustration here

2923

02:09:30,870 --> 02:09:28,560

you can see the fabric of space and that

2924

02:09:33,109 --> 02:09:30,880

is the black and white grid that is

2925

02:09:33,990 --> 02:09:33,119

folded okay

2926

02:09:35,830 --> 02:09:34,000

now

2927

02:09:38,470 --> 02:09:35,840

in a linear sense

2928

02:09:39,350 --> 02:09:38,480

we're going in one direction on a on a

2929

02:09:45,189 --> 02:09:39,360

ship

2930

02:09:49,189 --> 02:09:45,199

going from point a to point b

2931

02:09:51,750 --> 02:09:49,199

and if point a and point b is 500 light

2932

02:09:55,270 --> 02:09:51,760

years traveling in one direction

2933

02:09:58,229 --> 02:09:55,280

for 500 light years that's how long

2934

02:10:01,430 --> 02:09:58,239

light would take to travel that distance

2935

02:10:05,350 --> 02:10:01,440

for 500 years

2936

02:10:07,030 --> 02:10:05,360

now how would you cheat the system

2937

02:10:09,830 --> 02:10:07,040

you would cheat it

2938

02:10:14,149 --> 02:10:09,840

if you could bend space

2939

02:10:18,709 --> 02:10:14,159

and have one point in space connected

2940

02:10:22,149 --> 02:10:18,719

by a wormhole now here it's illustrated

2941

02:10:24,870 --> 02:10:22,159

as folding space

2942

02:10:27,350 --> 02:10:24,880

that wouldn't necessarily be it depends

2943

02:10:29,109 --> 02:10:27,360

on what aspect of a wormhole you're

2944

02:10:31,350 --> 02:10:29,119

talking about

2945

02:10:33,990 --> 02:10:31,360

but it could still be in a linear sense

2946

02:10:36,229 --> 02:10:34,000

and the wormhole is connecting

2947

02:10:38,550 --> 02:10:36,239

one point to another here it's

2948

02:10:39,990 --> 02:10:38,560

illustrated that it would cover this

2949

02:10:40,790 --> 02:10:40,000

great distance

2950

02:10:42,550 --> 02:10:40,800

by

2951
02:10:43,830 --> 02:10:42,560
going from one point in space to the

2952
02:10:45,589 --> 02:10:43,840
other

2953
02:10:47,830 --> 02:10:45,599
folding space

2954
02:10:48,790 --> 02:10:47,840
all right think um

2955
02:10:52,390 --> 02:10:48,800
uh

2956
02:10:53,270 --> 02:10:52,400
okay

2957
02:10:57,030 --> 02:10:53,280
so

2958
02:11:00,229 --> 02:10:57,040
if you have

2959
02:11:03,030 --> 02:11:00,239
a tunnel a wormhole connecting two

2960
02:11:06,629 --> 02:11:03,040
points in space together

2961
02:11:10,550 --> 02:11:06,639
one end of the wormhole let's say the

2962
02:11:12,550 --> 02:11:10,560
yellow side in in this illustration

2963
02:11:14,950 --> 02:11:12,560

is accelerated

2964

02:11:16,390 --> 02:11:14,960

and then brought back to a point of

2965

02:11:19,350 --> 02:11:16,400

origin

2966

02:11:21,589 --> 02:11:19,360

and this is for the time travel aspect

2967

02:11:23,589 --> 02:11:21,599

and another way to

2968

02:11:26,229 --> 02:11:23,599

is to take

2969

02:11:27,589 --> 02:11:26,239

one entrance now follow me on this stay

2970

02:11:30,229 --> 02:11:27,599

with me

2971

02:11:33,510 --> 02:11:30,239

of the wormhole and move it to within

2972

02:11:36,149 --> 02:11:33,520

the gravitational field of an object

2973

02:11:38,629 --> 02:11:36,159

that has higher gravity

2974

02:11:41,510 --> 02:11:38,639

than the other entrance

2975

02:11:42,629 --> 02:11:41,520

all right and then you return

2976

02:11:45,669 --> 02:11:42,639

it

2977

02:11:48,470 --> 02:11:45,679

near

2978

02:11:50,310 --> 02:11:48,480

the other entrance so you have an exit

2979

02:11:51,430 --> 02:11:50,320

and an entry point but they're both

2980

02:11:52,629 --> 02:11:51,440

holes

2981

02:11:57,430 --> 02:11:52,639

at

2982

02:11:58,950 --> 02:11:57,440

of the wormhole okay

2983

02:12:01,589 --> 02:11:58,960

so

2984

02:12:03,030 --> 02:12:01,599

for both of these methods to work

2985

02:12:04,870 --> 02:12:03,040

to make this connection that you're

2986

02:12:07,750 --> 02:12:04,880

looking at here

2987

02:12:10,550 --> 02:12:07,760

time at the end

2988

02:12:16,870 --> 02:12:10,560

of the wormhole

2989

02:12:20,629 --> 02:12:18,390

or

2990

02:12:22,310 --> 02:12:20,639

it becomes

2991

02:12:23,910 --> 02:12:22,320

younger

2992

02:12:27,430 --> 02:12:23,920

now remember

2993

02:12:28,550 --> 02:12:27,440

everybody has agreed most physicists

2994

02:12:30,950 --> 02:12:28,560

agree

2995

02:12:32,830 --> 02:12:30,960

that traveling to the future is easy you

2996

02:12:35,350 --> 02:12:32,840

just need to jump into something really

2997

02:12:37,109 --> 02:12:35,360

fast head out and make a round trip and

2998

02:12:39,510 --> 02:12:37,119

come back to earth

2999

02:12:41,750 --> 02:12:39,520

that's traveling to the future

3000

02:12:45,189 --> 02:12:41,760

traveling to the past

3001
02:12:47,669 --> 02:12:45,199
is different and complex

3002
02:12:49,910 --> 02:12:47,679
but with a wormhole

3003
02:12:52,790 --> 02:12:49,920
you can

3004
02:12:55,669 --> 02:12:52,800
so if one entrance

3005
02:12:56,870 --> 02:12:55,679
gets returned

3006
02:12:58,870 --> 02:12:56,880
anything

3007
02:13:03,270 --> 02:12:58,880
in that has traveled through the

3008
02:13:06,069 --> 02:13:03,280
wormhole comes out the other side

3009
02:13:11,510 --> 02:13:07,189
okay

3010
02:13:13,750 --> 02:13:11,520
younger than the stationary end

3011
02:13:16,550 --> 02:13:13,760
that is seen by

3012
02:13:18,149 --> 02:13:16,560
an external observer

3013
02:13:20,950 --> 02:13:18,159

all right now

3014

02:13:23,030 --> 02:13:20,960

however there's a however to everything

3015

02:13:25,510 --> 02:13:23,040

time connects differently through the

3016

02:13:28,390 --> 02:13:25,520

wormhole than outside of it

3017

02:13:29,510 --> 02:13:28,400

okay so if you positioned synchronized

3018

02:13:32,149 --> 02:13:29,520

clocks

3019

02:13:35,350 --> 02:13:32,159

at either end of the wormhole

3020

02:13:37,910 --> 02:13:35,360

they will always remain synchronized as

3021

02:13:40,550 --> 02:13:37,920

seen by the observer

3022

02:13:44,709 --> 02:13:40,560

that is passing through the wormhole no

3023

02:13:48,310 --> 02:13:44,719

matter how the two ends move around

3024

02:13:51,030 --> 02:13:48,320

this means now stay with me

3025

02:13:53,990 --> 02:13:51,040

this means that an observer

3026

02:13:57,109 --> 02:13:54,000

entering the younger end

3027

02:13:58,709 --> 02:13:57,119

would exit the older end

3028

02:14:02,069 --> 02:13:58,719

at a time

3029

02:14:05,910 --> 02:14:02,079

when the same age as the younger end is

3030

02:14:08,470 --> 02:14:05,920

occurring effectively going back in time

3031

02:14:11,189 --> 02:14:08,480

as seen by an observer

3032

02:14:14,069 --> 02:14:11,199

from the outside

3033

02:14:15,430 --> 02:14:14,079

now does this seem strange no

3034

02:14:17,750 --> 02:14:15,440

it doesn't

3035

02:14:19,510 --> 02:14:17,760

now a few things have to

3036

02:14:22,870 --> 02:14:19,520

happen

3037

02:14:24,390 --> 02:14:22,880

one and uh i'll circle back to this in a

3038

02:14:27,669 --> 02:14:24,400

little bit

3039

02:14:29,830 --> 02:14:27,679

one you would have to be able to

3040

02:14:32,470 --> 02:14:29,840

enter a wormhole

3041

02:14:34,790 --> 02:14:32,480

it would have to remain open there's

3042

02:14:35,910 --> 02:14:34,800

gravity there's things that you know how

3043

02:14:37,350 --> 02:14:35,920

would you

3044

02:14:40,069 --> 02:14:37,360

prevent

3045

02:14:41,030 --> 02:14:40,079

the wormhole from collapsing down on top

3046

02:14:44,069 --> 02:14:41,040

of you

3047

02:14:46,149 --> 02:14:44,079

right killing you

3048

02:14:47,830 --> 02:14:46,159

so that needs to be

3049

02:14:49,669 --> 02:14:47,840

overcome

3050

02:14:52,950 --> 02:14:49,679

it's something that is presented in the

3051

02:14:55,109 --> 02:14:52,960

movie interstellar again we will circle

3052

02:14:56,629 --> 02:14:55,119

back to that in the way that kip thorne

3053

02:15:00,550 --> 02:14:56,639

deals with this

3054

02:15:02,229 --> 02:15:00,560

all right but back in 1993

3055

02:15:04,709 --> 02:15:02,239

matt visser

3056

02:15:07,589 --> 02:15:04,719

published and argued

3057

02:15:10,229 --> 02:15:07,599

that the two mouths of a wormhole with

3058

02:15:12,790 --> 02:15:10,239

such an induced clock difference

3059

02:15:15,270 --> 02:15:12,800

could not be brought together without

3060

02:15:17,350 --> 02:15:15,280

inducing quantum field and gravitational

3061

02:15:20,069 --> 02:15:17,360

effects that would either make the

3062

02:15:22,390 --> 02:15:20,079

wormhole collapse like i just said

3063

02:15:25,430 --> 02:15:22,400

or the two mouths could not come

3064

02:15:27,830 --> 02:15:25,440

together and they would repel each other

3065

02:15:29,669 --> 02:15:27,840

because of this the two mouths could not

3066

02:15:32,790 --> 02:15:29,679

be brought close enough

3067

02:15:34,310 --> 02:15:32,800

for causality violation to even take

3068

02:15:37,830 --> 02:15:34,320

place

3069

02:15:40,950 --> 02:15:39,270

matt visser

3070

02:15:43,270 --> 02:15:40,960

in 1997

3071

02:15:44,550 --> 02:15:43,280

published another paper this is four

3072

02:15:46,950 --> 02:15:44,560

years later

3073

02:15:51,030 --> 02:15:46,960

and visser hypothesized

3074

02:15:53,589 --> 02:15:51,040

that a complex roman ring

3075

02:15:56,310 --> 02:15:53,599

right named after tom roman by the way

3076

02:16:00,069 --> 02:15:56,320

not the romans but named after tom roman

3077

02:16:04,550 --> 02:16:00,079

a configuration of a number of wormholes

3078

02:16:06,790 --> 02:16:04,560

arranged in a symmetric polygon

3079

02:16:09,669 --> 02:16:06,800

would could

3080

02:16:12,229 --> 02:16:09,679

act as a time machine

3081

02:16:14,310 --> 02:16:12,239

but fitzer also says that this is more

3082

02:16:17,589 --> 02:16:14,320

likely a flaw

3083

02:16:18,550 --> 02:16:17,599

in classical quantum gravity gravity

3084

02:16:20,229 --> 02:16:18,560

theory

3085

02:16:23,030 --> 02:16:20,239

rather than proof

3086

02:16:25,270 --> 02:16:23,040

that time travel is possible

3087

02:16:27,510 --> 02:16:25,280

but what was interesting

3088

02:16:29,350 --> 02:16:27,520

is that the science

3089

02:16:31,750 --> 02:16:29,360

and the math

3090

02:16:32,389 --> 02:16:31,760

said it is so

3091

02:16:34,950 --> 02:16:32,399

now

3092

02:16:37,270 --> 02:16:34,960

physicist kip thorne

3093

02:16:39,110 --> 02:16:37,280

lays everything out beautifully in the

3094

02:16:42,870 --> 02:16:39,120

movie interstellar

3095

02:16:44,070 --> 02:16:42,880

i highly recommend everybody go and read

3096

02:16:46,790 --> 02:16:44,080

his book

3097

02:16:49,669 --> 02:16:46,800

the science of interstellar

3098

02:16:51,270 --> 02:16:49,679

um black holes wormholes

3099

02:16:52,070 --> 02:16:51,280

time travel

3100

02:16:55,030 --> 02:16:52,080

and

3101
02:16:56,549 --> 02:16:55,040
the consequences of in the philosophical

3102
02:16:59,509 --> 02:16:56,559
side of this

3103
02:17:00,469 --> 02:16:59,519
is presented beautifully in the book

3104
02:17:04,309 --> 02:17:00,479
now

3105
02:17:06,469 --> 02:17:04,319
um the math today

3106
02:17:09,589 --> 02:17:06,479
we haven't figured out

3107
02:17:11,190 --> 02:17:09,599
how to keep a wormhole open

3108
02:17:13,110 --> 02:17:11,200
and big enough

3109
02:17:16,150 --> 02:17:13,120
for something to pass through it a

3110
02:17:17,110 --> 02:17:16,160
spaceship for instance a human body

3111
02:17:20,870 --> 02:17:17,120
right

3112
02:17:22,549 --> 02:17:20,880
we haven't but in interstellar

3113
02:17:25,270 --> 02:17:22,559

e.t

3114

02:17:27,669 --> 02:17:25,280

has already done it for us

3115

02:17:30,389 --> 02:17:27,679

that's the other part of it it's a

3116

02:17:31,589 --> 02:17:30,399

brilliant workaround by kip thorne in

3117

02:17:35,270 --> 02:17:31,599

that

3118

02:17:37,429 --> 02:17:35,280

e.t we don't have to build the wormhole

3119

02:17:40,950 --> 02:17:37,439

we don't have to figure out how to get

3120

02:17:43,429 --> 02:17:40,960

it done and to overcome a collapsing

3121

02:17:45,429 --> 02:17:43,439

wormhole the amount of energy that would

3122

02:17:47,030 --> 02:17:45,439

have to be applied to a wormhole not

3123

02:17:49,990 --> 02:17:47,040

only to keep it open

3124

02:17:51,429 --> 02:17:50,000

but to travel either throughout the

3125

02:17:53,750 --> 02:17:51,439

milky way

3126

02:17:56,230 --> 02:17:53,760

or to another galaxy

3127

02:18:00,230 --> 02:17:56,240

and throughout the universe and possibly

3128

02:18:03,030 --> 02:18:00,240

out of the universe to another universe

3129

02:18:04,870 --> 02:18:03,040

et's already got it figured out e.t has

3130

02:18:09,589 --> 02:18:04,880

given us the gift

3131

02:18:11,990 --> 02:18:09,599

of the wormhole now how does kip thorne

3132

02:18:14,469 --> 02:18:12,000

present the wormhole and and what it

3133

02:18:16,389 --> 02:18:14,479

looks like in the interstellar this is

3134

02:18:17,349 --> 02:18:16,399

what was really interesting

3135

02:18:20,230 --> 02:18:17,359

um

3136

02:18:22,629 --> 02:18:20,240

it's just a sphere

3137

02:18:25,429 --> 02:18:22,639

in space it's just a ball

3138

02:18:27,509 --> 02:18:25,439

it's not a tunnel

3139

02:18:28,790 --> 02:18:27,519

going out you know you no that's not

3140

02:18:30,790 --> 02:18:28,800

what you see

3141

02:18:33,190 --> 02:18:30,800

it's just a sphere

3142

02:18:36,790 --> 02:18:33,200

and you enter the sphere and the

3143

02:18:39,830 --> 02:18:36,800

wormhole is then going to transport you

3144

02:18:41,589 --> 02:18:39,840

again a brilliant workaround and this is

3145

02:18:45,190 --> 02:18:41,599

kip thorne's math

3146

02:18:48,150 --> 02:18:45,200

um a nobel prize-winning

3147

02:18:51,270 --> 02:18:48,160

physicist who has been researching all

3148

02:18:52,469 --> 02:18:51,280

aspects of wormholes and black holes for

3149

02:18:55,750 --> 02:18:52,479

decades

3150

02:18:57,750 --> 02:18:55,760

and when christopher nolan needed to be

3151

02:18:59,750 --> 02:18:57,760

to bring in the big brain

3152

02:19:01,750 --> 02:18:59,760

he brought in kip thorne

3153

02:19:05,110 --> 02:19:01,760

and kip thorne was

3154

02:19:07,509 --> 02:19:05,120

very adamant from the beginning that yes

3155

02:19:10,309 --> 02:19:07,519

he'll come in and he'll work on the the

3156

02:19:12,790 --> 02:19:10,319

the the movie and the idea behind

3157

02:19:16,150 --> 02:19:12,800

interstellar goes back a long ways uh

3158

02:19:17,990 --> 02:19:16,160

before um uh christopher nolan was even

3159

02:19:20,709 --> 02:19:18,000

brought into direct there were many

3160

02:19:22,950 --> 02:19:20,719

directors including steven spielberg

3161

02:19:23,669 --> 02:19:22,960

that uh stephen was originally going to

3162

02:19:27,030 --> 02:19:23,679

do

3163

02:19:28,150 --> 02:19:27,040

interstellar um back in the 90s and

3164

02:19:31,190 --> 02:19:28,160

that's a little

3165

02:19:34,469 --> 02:19:31,200

little piece of hollywood trivia for you

3166

02:19:37,190 --> 02:19:34,479

but but kip wanted to make sure

3167

02:19:39,910 --> 02:19:37,200

that his research and the science behind

3168

02:19:41,669 --> 02:19:39,920

all of this time travel and the deep

3169

02:19:43,429 --> 02:19:41,679

philosophical questions would be

3170

02:19:45,349 --> 02:19:43,439

addressed directly

3171

02:19:46,950 --> 02:19:45,359

in interstellar including the

3172

02:19:50,389 --> 02:19:46,960

visualizations

3173

02:19:51,990 --> 02:19:50,399

of both black holes and wormholes

3174

02:19:54,230 --> 02:19:52,000

next

3175

02:19:56,469 --> 02:19:54,240

black holes

3176
02:19:58,230 --> 02:19:56,479
all right

3177
02:20:00,429 --> 02:19:58,240
gargantuan

3178
02:20:03,429 --> 02:20:00,439
this black hole in

3179
02:20:06,309 --> 02:20:03,439
interstellar um again

3180
02:20:07,750 --> 02:20:06,319
we have to go back to this because it is

3181
02:20:09,990 --> 02:20:07,760
presented

3182
02:20:13,349 --> 02:20:10,000
uh correctly

3183
02:20:14,150 --> 02:20:13,359
in interstellar the technical aspect of

3184
02:20:17,670 --> 02:20:14,160
it

3185
02:20:21,270 --> 02:20:17,680
the time travel side is presented like

3186
02:20:27,349 --> 02:20:23,830
you have an event horizon you have your

3187
02:20:28,830 --> 02:20:27,359
black hole let me pull up this image

3188
02:20:30,469 --> 02:20:28,840

and

3189

02:20:31,910 --> 02:20:30,479

uh

3190

02:20:36,309 --> 02:20:31,920

that's a

3191

02:20:38,150 --> 02:20:36,319

and

3192

02:20:39,830 --> 02:20:38,160

reminds you of something it reminds you

3193

02:20:41,110 --> 02:20:39,840

of the way it is presented in

3194

02:20:46,630 --> 02:20:41,120

interstellar

3195

02:20:52,790 --> 02:20:48,550

you can see the black hole and then you

3196

02:20:55,030 --> 02:20:52,800

see the white line on the inside

3197

02:20:57,510 --> 02:20:55,040

of the edge of the black hole

3198

02:20:59,190 --> 02:20:57,520

okay so you have

3199

02:21:00,550 --> 02:20:59,200

two ridges

3200

02:21:01,990 --> 02:21:00,560

you have the edge of the black hole

3201

02:21:03,830 --> 02:21:02,000

where you can

3202

02:21:06,230 --> 02:21:03,840

cruise around and sort of

3203

02:21:07,830 --> 02:21:06,240

still be safe and maybe your planet's

3204

02:21:10,309 --> 02:21:07,840

not going to get sucked in but then you

3205

02:21:12,469 --> 02:21:10,319

have the event horizon and once you

3206

02:21:15,590 --> 02:21:12,479

cross the event horizon a few things

3207

02:21:19,270 --> 02:21:15,600

happen but one you're not coming back

3208

02:21:22,710 --> 02:21:19,280

and the gravity is so strong there that

3209

02:21:24,550 --> 02:21:22,720

once light enters light does not come

3210

02:21:28,630 --> 02:21:24,560

back out

3211

02:21:31,670 --> 02:21:28,640

that's the reason why it's black

3212

02:21:33,750 --> 02:21:31,680

the event horizon

3213

02:21:36,389 --> 02:21:33,760

once you are there

3214

02:21:37,910 --> 02:21:36,399

time freezes

3215

02:21:39,750 --> 02:21:37,920

for you

3216

02:21:41,270 --> 02:21:39,760

so if you are inside of a craft and the

3217

02:21:43,910 --> 02:21:41,280

way that this is presented in

3218

02:21:47,030 --> 02:21:43,920

interstellar which is why if you haven't

3219

02:21:49,910 --> 02:21:47,040

seen the movie go and watch it uh just

3220

02:21:50,870 --> 02:21:49,920

for these scenes uh with gargantuan but

3221

02:21:52,710 --> 02:21:50,880

also

3222

02:21:54,469 --> 02:21:52,720

if you've seen the movie and maybe

3223

02:21:57,110 --> 02:21:54,479

didn't understand it the way that i'm

3224

02:22:00,070 --> 02:21:57,120

explaining it to you now you can go back

3225

02:22:01,429 --> 02:22:00,080

and watch with another mind and another

3226

02:22:03,510 --> 02:22:01,439

set of eyes

3227

02:22:05,190 --> 02:22:03,520

okay so

3228

02:22:06,870 --> 02:22:05,200

they needed to do a couple of things in

3229

02:22:10,790 --> 02:22:06,880

the movie to complete the mission i

3230

02:22:13,190 --> 02:22:10,800

won't give that away but here's the deal

3231

02:22:14,630 --> 02:22:13,200

what was presented in the movie

3232

02:22:17,750 --> 02:22:14,640

is that

3233

02:22:19,190 --> 02:22:17,760

there was a planet that was possibly

3234

02:22:22,389 --> 02:22:19,200

earth-like

3235

02:22:24,630 --> 02:22:22,399

that we could maybe live on

3236

02:22:26,150 --> 02:22:24,640

that matthew mcconaughey had to go and

3237

02:22:27,990 --> 02:22:26,160

check out we had already sent an

3238

02:22:29,270 --> 02:22:28,000

advanced team through the wormhole to

3239

02:22:31,830 --> 02:22:29,280

this planet

3240

02:22:33,830 --> 02:22:31,840

um and we never heard back but we needed

3241

02:22:35,349 --> 02:22:33,840

matthew and the t needed to get down on

3242

02:22:37,030 --> 02:22:35,359

the planet to see the condition of the

3243

02:22:40,070 --> 02:22:37,040

planet but he knew

3244

02:22:43,110 --> 02:22:40,080

that it was at the edge of this black

3245

02:22:44,150 --> 02:22:43,120

hole gargantuan and going down on this

3246

02:22:47,429 --> 02:22:44,160

planet

3247

02:22:49,110 --> 02:22:47,439

uh would present a time issue now the

3248

02:22:51,830 --> 02:22:49,120

time issue

3249

02:22:54,710 --> 02:22:51,840

wasn't as much for

3250

02:22:57,510 --> 02:22:54,720

matthew and his crew

3251

02:22:58,790 --> 02:22:57,520

it was getting back to earth and his

3252

02:23:01,750 --> 02:22:58,800

daughter

3253

02:23:05,030 --> 02:23:01,760

and he didn't want to

3254

02:23:09,429 --> 02:23:05,040

miss his life and his family in that

3255

02:23:11,349 --> 02:23:09,439

if any if they spend too much time there

3256

02:23:13,670 --> 02:23:11,359

time would pass on earth and by the time

3257

02:23:15,670 --> 02:23:13,680

they got back earth would be a different

3258

02:23:17,349 --> 02:23:15,680

place in fact earth may even be a dead

3259

02:23:18,950 --> 02:23:17,359

planet and

3260

02:23:21,910 --> 02:23:18,960

all hope is lost

3261

02:23:24,070 --> 02:23:21,920

and that was the big philosophical issue

3262

02:23:25,510 --> 02:23:24,080

that was presented here

3263

02:23:27,030 --> 02:23:25,520

so

3264

02:23:28,230 --> 02:23:27,040

that's what happens at the edge of a

3265

02:23:30,790 --> 02:23:28,240

black hole

3266

02:23:34,950 --> 02:23:30,800

and that is part of time travel

3267

02:23:37,110 --> 02:23:34,960

so not going at the speed of light

3268

02:23:39,270 --> 02:23:37,120

and leaving a planet at the speed of

3269

02:23:41,429 --> 02:23:39,280

light and turning around and coming back

3270

02:23:43,190 --> 02:23:41,439

but just visiting the edge of a black

3271

02:23:46,230 --> 02:23:43,200

hole in this planet

3272

02:23:49,030 --> 02:23:46,240

was going to change the length of time

3273

02:23:51,429 --> 02:23:49,040

that would pass back on earth

3274

02:23:53,510 --> 02:23:51,439

as we all know

3275

02:23:55,510 --> 02:23:53,520

something goes wrong but the way that

3276

02:23:58,230 --> 02:23:55,520

it's presented in the movie was an

3277

02:24:00,550 --> 02:23:58,240

interesting one because

3278

02:24:03,190 --> 02:24:00,560

it was only

3279

02:24:06,230 --> 02:24:03,200

an hour

3280

02:24:10,150 --> 02:24:08,950

when matthew gets back

3281

02:24:11,990 --> 02:24:10,160

to

3282

02:24:14,950 --> 02:24:12,000

the craft

3283

02:24:18,950 --> 02:24:14,960

which is orbiting the planet

3284

02:24:22,630 --> 02:24:18,960

21 years have passed in that one hour at

3285

02:24:25,670 --> 02:24:22,640

the edge of a black hole that's why

3286

02:24:27,670 --> 02:24:25,680

time travel is completely possible

3287

02:24:30,150 --> 02:24:27,680

if you can get to a black hole and get

3288

02:24:31,510 --> 02:24:30,160

to the edge of it

3289

02:24:33,750 --> 02:24:31,520

i'm going to talk about some current

3290

02:24:35,670 --> 02:24:33,760

research that's going on right now here

3291

02:24:39,110 --> 02:24:35,680

on planet earth about this

3292

02:24:43,910 --> 02:24:42,309

by the time they get back to earth

3293

02:24:46,710 --> 02:24:43,920

60

3294

02:24:49,429 --> 02:24:46,720

70 years have passed

3295

02:24:51,590 --> 02:24:49,439

and they've left earth

3296

02:24:53,590 --> 02:24:51,600

earth is a dead planet

3297

02:24:55,190 --> 02:24:53,600

they've built another earth

3298

02:24:58,309 --> 02:24:55,200

out there in space

3299

02:25:01,990 --> 02:25:00,950

a fake earth with gravity

3300

02:25:02,790 --> 02:25:02,000

and

3301
02:25:06,870 --> 02:25:02,800
when

3302
02:25:08,309 --> 02:25:06,880
and he sees where he's at remember he

3303
02:25:11,190 --> 02:25:08,319
travels through the center of the black

3304
02:25:13,510 --> 02:25:11,200
hole he sees his

3305
02:25:15,910 --> 02:25:13,520
they take him to his farmhouse but it

3306
02:25:18,389 --> 02:25:15,920
wasn't the farm house on earth

3307
02:25:20,070 --> 02:25:18,399
it was a reproduction they rebuilt it as

3308
02:25:22,309 --> 02:25:20,080
a museum

3309
02:25:24,389 --> 02:25:22,319
because all of this time has passed but

3310
02:25:26,710 --> 02:25:24,399
his daughter is still alive

3311
02:25:27,590 --> 02:25:26,720
back to the philosophical sides of time

3312
02:25:30,150 --> 02:25:27,600
travel

3313
02:25:33,270 --> 02:25:30,160

are you willing to give that up

3314

02:25:35,349 --> 02:25:33,280

now before i continue

3315

02:25:39,830 --> 02:25:35,359

i will say this

3316

02:25:41,830 --> 02:25:39,840

um visiting black holes is a big part of

3317

02:25:42,710 --> 02:25:41,840

science fiction

3318

02:25:45,190 --> 02:25:42,720

and

3319

02:25:47,750 --> 02:25:45,200

traveling at the speed of light away

3320

02:25:50,630 --> 02:25:47,760

from earth and warp drives

3321

02:25:53,670 --> 02:25:50,640

is part of science fiction and zipping

3322

02:25:56,389 --> 02:25:53,680

away from something just watch orville

3323

02:25:58,070 --> 02:25:56,399

watch any episode of star trek get us

3324

02:26:01,990 --> 02:25:58,080

out of here foot

3325

02:26:04,469 --> 02:26:02,000

gone right or you see the ships arrive

3326

02:26:07,990 --> 02:26:04,479

right you see this right it's part of

3327

02:26:10,630 --> 02:26:08,000

science fiction but here's the deal

3328

02:26:13,110 --> 02:26:10,640

if you are on the starship enterprise

3329

02:26:14,469 --> 02:26:13,120

and you zip away from earth

3330

02:26:17,190 --> 02:26:14,479

at the

3331

02:26:19,830 --> 02:26:17,200

uh with your warp drive on

3332

02:26:22,150 --> 02:26:19,840

you're not coming back to earth

3333

02:26:24,870 --> 02:26:22,160

in the same time period

3334

02:26:27,190 --> 02:26:24,880

you're coming back to earth a thousand

3335

02:26:28,790 --> 02:26:27,200

years in the future set the same earth

3336

02:26:32,790 --> 02:26:28,800

that you have left

3337

02:26:35,429 --> 02:26:32,800

this is an aspect of time travel that is

3338

02:26:37,750 --> 02:26:35,439

not addressed in science fiction today

3339

02:26:40,469 --> 02:26:37,760

why they do it in interstellar but they

3340

02:26:42,230 --> 02:26:40,479

do don't do it everywhere else

3341

02:26:45,750 --> 02:26:42,240

i'm going to tell you why

3342

02:26:48,710 --> 02:26:45,760

because you would have to have

3343

02:26:49,750 --> 02:26:48,720

a time travel aspect of going back in

3344

02:26:53,750 --> 02:26:49,760

time

3345

02:26:54,950 --> 02:26:53,760

come back it's got to be written into

3346

02:26:56,790 --> 02:26:54,960

the story

3347

02:26:58,790 --> 02:26:56,800

so they don't they don't address that

3348

02:27:02,389 --> 02:26:58,800

part of it and i hope you follow what

3349

02:27:03,429 --> 02:27:02,399

i'm saying so we split earth warp drive

3350

02:27:05,110 --> 02:27:03,439

gone

3351
02:27:06,950 --> 02:27:05,120
and we're gonna come back to earth and

3352
02:27:08,710 --> 02:27:06,960
tell everybody what we found you're not

3353
02:27:10,870 --> 02:27:08,720
just showing back up at earth at the

3354
02:27:12,950 --> 02:27:10,880
same time that you left

3355
02:27:14,870 --> 02:27:12,960
on the mission to tell everybody what

3356
02:27:17,270 --> 02:27:14,880
you found out and that you've completed

3357
02:27:19,750 --> 02:27:17,280
your mission you can't on the way back

3358
02:27:21,429 --> 02:27:19,760
the conversation has to happen okay

3359
02:27:23,349 --> 02:27:21,439
we've got to uh

3360
02:27:25,429 --> 02:27:23,359
we've got to go back in time now

3361
02:27:26,550 --> 02:27:25,439
everybody activates your time suits

3362
02:27:28,790 --> 02:27:26,560
whatever

3363
02:27:31,830 --> 02:27:28,800

and they got to go thousand years back

3364

02:27:34,150 --> 02:27:31,840

in time to write back at earth to that

3365

02:27:37,590 --> 02:27:34,160

and that aspect of it would have to be

3366

02:27:39,910 --> 02:27:37,600

written into every science fiction tv

3367

02:27:41,270 --> 02:27:39,920

series and movies where the stuff is

3368

02:27:44,070 --> 02:27:41,280

going on

3369

02:27:47,270 --> 02:27:44,080

now think about this all of you trekkies

3370

02:27:50,150 --> 02:27:47,280

out there all of you star wars fans out

3371

02:27:52,389 --> 02:27:50,160

there all of you marvel universe fans

3372

02:27:55,110 --> 02:27:52,399

think about what i'm about to say you're

3373

02:27:57,030 --> 02:27:55,120

out there on the starship enterprise

3374

02:28:01,190 --> 02:27:57,040

zipping around

3375

02:28:02,710 --> 02:28:01,200

all of these galaxies and and

3376

02:28:04,870 --> 02:28:02,720

star systems

3377

02:28:06,469 --> 02:28:04,880

at warp drive speed every single day

3378

02:28:07,349 --> 02:28:06,479

let's get us out of here get us out of

3379

02:28:08,309 --> 02:28:07,359

here

3380

02:28:13,349 --> 02:28:08,319

your

3381

02:28:15,990 --> 02:28:13,359

is so screwed up

3382

02:28:18,230 --> 02:28:16,000

and and and getting involved with

3383

02:28:21,190 --> 02:28:18,240

another pulling up to another starship

3384

02:28:23,030 --> 02:28:21,200

uh whatever starship atlantis pulling up

3385

02:28:25,830 --> 02:28:23,040

what's up admiral

3386

02:28:27,429 --> 02:28:25,840

what what what place in time are they

3387

02:28:29,670 --> 02:28:27,439

coming from

3388

02:28:30,790 --> 02:28:29,680

they just left something else where are

3389

02:28:34,389 --> 02:28:30,800

they

3390

02:28:36,550 --> 02:28:34,399

nothing is in the same place

3391

02:28:37,910 --> 02:28:36,560

and that is what is being researched

3392

02:28:38,830 --> 02:28:37,920

right now

3393

02:28:40,710 --> 02:28:38,840

by

3394

02:28:45,190 --> 02:28:40,720

cern

3395

02:28:47,270 --> 02:28:45,200

right now

3396

02:28:51,429 --> 02:28:47,280

to go back and address

3397

02:28:53,270 --> 02:28:51,439

einstein's space time

3398

02:28:55,830 --> 02:28:53,280

now let's talk about that for a second

3399

02:28:59,429 --> 02:28:55,840

before we get to the break

3400

02:29:01,510 --> 02:28:59,439

we know that a a large mass in the

3401

02:29:04,309 --> 02:29:01,520

middle of space bends the fabric of

3402

02:29:07,990 --> 02:29:04,319

space around it and that time that is

3403

02:29:10,710 --> 02:29:08,000

moving past any of these large masses is

3404

02:29:12,150 --> 02:29:10,720

going to have a different aspect of time

3405

02:29:14,230 --> 02:29:12,160

applied to it

3406

02:29:16,550 --> 02:29:14,240

i don't know if you guys know this but

3407

02:29:19,270 --> 02:29:16,560

we have a thing called the sun

3408

02:29:20,150 --> 02:29:19,280

and it's pretty big

3409

02:29:22,790 --> 02:29:20,160

and

3410

02:29:25,670 --> 02:29:22,800

space time is changing around the sun

3411

02:29:28,309 --> 02:29:25,680

we're orbiting the sun things pass by

3412

02:29:29,830 --> 02:29:28,319

the sun things pass by earth earth is a

3413

02:29:30,950 --> 02:29:29,840

gras

3414

02:29:33,750 --> 02:29:30,960

a mass

3415

02:29:35,349 --> 02:29:33,760

where space time is bent around it too

3416

02:29:36,870 --> 02:29:35,359

as well we've got the moon we've got

3417

02:29:39,510 --> 02:29:36,880

jupiter we've got

3418

02:29:41,750 --> 02:29:39,520

saturn and mars and venus

3419

02:29:44,710 --> 02:29:41,760

where all of these aspects

3420

02:29:47,670 --> 02:29:44,720

are bending space-time

3421

02:29:50,710 --> 02:29:47,680

if you look back at einstein's own

3422

02:29:52,630 --> 02:29:50,720

comments about this

3423

02:29:56,309 --> 02:29:52,640

it has to be true

3424

02:29:58,389 --> 02:29:56,319

so cern right now is going back to

3425

02:30:01,990 --> 02:29:58,399

figure some of this stuff out

3426
02:30:04,309 --> 02:30:02,000
how does that apply to us today we

3427
02:30:07,190 --> 02:30:04,319
have watches i have a clock right in

3428
02:30:10,630 --> 02:30:07,200
front of me clicking away

3429
02:30:12,389 --> 02:30:10,640
that is our version of time

3430
02:30:14,550 --> 02:30:12,399
it's different

3431
02:30:17,590 --> 02:30:14,560
just around us

3432
02:30:19,830 --> 02:30:17,600
right here in our own star system

3433
02:30:22,150 --> 02:30:19,840
think about that

3434
02:30:24,070 --> 02:30:22,160
nothing is what it seems

3435
02:30:25,830 --> 02:30:24,080
this is fade to black i am your host

3436
02:30:27,510 --> 02:30:25,840
jimmy church tonight

3437
02:30:29,510 --> 02:30:27,520
the secrets

3438
02:30:32,230 --> 02:30:29,520

of time travel this is the stuff that

3439

02:30:34,150 --> 02:30:32,240

nobody else will talk about no physicist

3440

02:30:35,429 --> 02:30:34,160

is going to discuss this stuff

3441

02:30:37,990 --> 02:30:35,439

[Music]

3442

02:30:39,590 --> 02:30:38,000

and hollywood conveniently leaves a lot

3443

02:30:42,550 --> 02:30:39,600

out don't they

3444

02:30:44,950 --> 02:30:42,560

they have to it's a trip this is fade to

3445

02:30:47,030 --> 02:30:44,960

black tonight the secrets of time travel

3446

02:30:48,710 --> 02:30:47,040

i'm your host jimmy church

3447

02:30:51,130 --> 02:30:48,720

i'll be back with more right after this

3448

02:31:00,000 --> 02:30:51,140

short break

3449

02:31:01,290 --> 02:31:00,010

[Music]

3450

02:31:09,270 --> 02:31:01,300

[Applause]

3451
02:31:12,950 --> 02:31:11,429
you're listening to jimmy church and

3452
02:31:17,910 --> 02:31:12,960
fade to black

3453
02:31:23,110 --> 02:31:20,309
hey what up y'all biblical fox here and

3454
02:31:24,520 --> 02:31:23,120
you are listening to my boy jimmy church

3455
02:31:27,429 --> 02:31:24,530
on jimmychurchradio.com

3456
02:31:29,990 --> 02:31:27,439
[Music]

3457
02:31:34,389 --> 02:31:30,000
despite popular opinion

3458
02:31:34,399 --> 02:31:37,429
but listening

3459
02:31:42,630 --> 02:31:39,670
right now eden is having their famous

3460
02:31:44,710 --> 02:31:42,640
bogo deal on thunderstorm air purifiers

3461
02:31:47,110 --> 02:31:44,720
one listener wrote it makes a huge

3462
02:31:49,830 --> 02:31:47,120
difference in our cat litter box stink i

3463
02:31:53,030 --> 02:31:49,840

just wish i waited for the bogo deal i

3464

02:31:55,670 --> 02:31:53,040

need another one well now's the time

3465

02:31:58,150 --> 02:31:55,680

bogo is back so when you buy one

3466

02:32:00,389 --> 02:31:58,160

thunderstorm you get one free no matter

3467

02:32:03,030 --> 02:32:00,399

how many you buy you buy two you get two

3468

02:32:05,190 --> 02:32:03,040

free you buy five you get five free the

3469

02:32:07,429 --> 02:32:05,200

thunderstorm will completely eliminate

3470

02:32:10,230 --> 02:32:07,439

any odor even the worst like pets

3471

02:32:12,870 --> 02:32:10,240

cigarette smoke urine and cooking now is

3472

02:32:16,349 --> 02:32:12,880

the time to order eden piers buy one get

3473

02:32:20,070 --> 02:32:16,359

one free sale is one week only with over

3474

02:32:22,950 --> 02:32:20,080

265 000 thunderstorms sold and countless

3475

02:32:24,710 --> 02:32:22,960

five-star reviews you know it works

3476

02:32:27,469 --> 02:32:24,720

people are buying several for around the

3477

02:32:30,349 --> 02:32:27,479

home and even as gifts just go to

3478

02:32:33,110 --> 02:32:30,359

edenpuredeals.com and use discount code

3479

02:32:36,469 --> 02:32:33,120

faderbogo that's faderbogo

3480

02:32:41,630 --> 02:32:39,309

is buy one get one free that's

3481

02:32:47,349 --> 02:32:41,640

edenpuredeals.com discount code

3482

02:32:51,590 --> 02:32:49,590

this is billy carson founder and ceo of

3483

02:32:53,910 --> 02:32:51,600

forbidden knowledge dot tv forbidden

3484

02:32:55,670 --> 02:32:53,920

knowledge dot tv is the fastest growing

3485

02:32:57,510 --> 02:32:55,680

and one of the most watched networks in

3486

02:32:59,270 --> 02:32:57,520

the world and i would like to personally

3487

02:33:01,990 --> 02:32:59,280

invite you to check out our expanding

3488

02:33:04,230 --> 02:33:02,000

library of tv film lectures and special

3489

02:33:06,790 --> 02:33:04,240

presentations forbidden knowledge dot tv

3490

02:33:09,510 --> 02:33:06,800

has over 6 000 videos covering lost

3491

02:33:11,349 --> 02:33:09,520

history health ufos spirituality and our

3492

02:33:13,590 --> 02:33:11,359

future we are committed to our community

3493

02:33:16,070 --> 02:33:13,600

and with my personal invitation you can

3494

02:33:18,710 --> 02:33:16,080

right now get your own free 30-day

3495

02:33:21,030 --> 02:33:18,720

membership at forbidden knowledge dot tv

3496

02:33:24,290 --> 02:33:21,040

your own library of information starts

3497

02:33:25,830 --> 02:33:24,300

today at forbidden knowledge dot tv

3498

02:33:28,230 --> 02:33:25,840

[Music]

3499

02:33:31,670 --> 02:33:28,240

your one million gigawatt paranormal

3500

02:33:33,429 --> 02:33:31,680

powerhouse kumx db

3501

02:33:35,190 --> 02:33:33,439

vx

3502

02:33:37,830 --> 02:33:35,200

are you ready to read about true

3503

02:33:40,630 --> 02:33:37,840

paranormal events unex media publishes

3504

02:33:42,950 --> 02:33:40,640

non-fiction books about ufos ghosts and

3505

02:33:46,230 --> 02:33:42,960

haunted places time anomalies cryptid

3506

02:33:48,469 --> 02:33:46,240

creatures and more just like kunx db

3507

02:33:51,469 --> 02:33:48,479

radio it's all about unexplained

3508

02:33:53,429 --> 02:33:51,479

phenomena visit

3509

02:33:55,590 --> 02:33:53,439

www.unexmedia.com to see our list of

3510

02:33:58,230 --> 02:33:55,600

great book titles by debbie ziegemeier

3511

02:34:00,790 --> 02:33:58,240

gene walker devin listrom wayne lawrence

3512

02:34:04,790 --> 02:34:00,800

bill spicer and yours truly margie k

3513

02:34:08,950 --> 02:34:07,110

introducing the game changer blend from

3514

02:34:11,510 --> 02:34:08,960

river moon coffee that delivers a

3515

02:34:14,550 --> 02:34:11,520

customized blend made specifically for

3516

02:34:17,510 --> 02:34:14,560

the fader knots if the game is rigged

3517

02:34:18,710 --> 02:34:17,520

change the game it's a boulder cup with

3518

02:34:20,950 --> 02:34:18,720

some bite

3519

02:34:23,190 --> 02:34:20,960

game changer is the coffee of choice for

3520

02:34:26,230 --> 02:34:23,200

those that prefer an organic dark roast

3521

02:34:29,030 --> 02:34:26,240

that is slightly lighter and milder but

3522

02:34:31,270 --> 02:34:29,040

it's still dark with wild notes of

3523

02:34:33,830 --> 02:34:31,280

pecans and chocolate with a rich

3524

02:34:35,990 --> 02:34:33,840

balanced full-bodied cup that is roasted

3525

02:34:39,030 --> 02:34:36,000

to perfection for a great coffee to

3526
02:34:42,070 --> 02:34:39,040
start your day as an after dinner coffee

3527
02:34:44,550 --> 02:34:42,080
or anywhere in between artisan small

3528
02:34:47,110 --> 02:34:44,560
batch roasted to perfection usda

3529
02:34:49,510 --> 02:34:47,120
certified organic all river moon coffee

3530
02:34:52,389 --> 02:34:49,520
is freshly roasted and packaged in the

3531
02:34:54,469 --> 02:34:52,399
usa just go to rivermooncoffee.com or

3532
02:34:58,309 --> 02:34:54,479
click on the banners over on our site

3533
02:35:00,469 --> 02:34:58,319
and use the promo code f2b blend for 15

3534
02:35:03,670 --> 02:35:00,479
off of your order today

3535
02:35:08,950 --> 02:35:06,389
you intrigued by paranormal talk radio

3536
02:35:11,270 --> 02:35:08,960
you love the new paranormal radio app

3537
02:35:13,030 --> 02:35:11,280
from talkstream live

3538
02:35:15,830 --> 02:35:13,040

you'll find a great selection of talk

3539

02:35:18,469 --> 02:35:15,840

shows covering ufos ghosts strange

3540

02:35:20,790 --> 02:35:18,479

phenomena and much more download the

3541

02:35:22,790 --> 02:35:20,800

paranormal radio app now and start

3542

02:35:25,030 --> 02:35:22,800

listening to the very best in paranormal

3543

02:35:26,790 --> 02:35:25,040

talk entertainment including the network

3544

02:35:29,990 --> 02:35:26,800

you're listening to right now the

3545

02:35:38,480 --> 02:35:30,000

paranormal radio app free in google play

3546

02:35:43,750 --> 02:35:40,630

[Music]

3547

02:35:47,429 --> 02:35:43,760

it's not a lifestyle we chose we were

3548

02:35:51,320 --> 02:35:47,439

born this way this is kjcr

3549

02:36:06,389 --> 02:36:02,180

[Music]

3550

02:36:09,429 --> 02:36:06,399

welcome back fade to black tonight very

3551

02:36:11,830 --> 02:36:09,439

special event the secrets of time travel

3552

02:36:13,670 --> 02:36:11,840

i'm your host jimmy church and two and a

3553

02:36:16,870 --> 02:36:13,680

half hours tonight

3554

02:36:18,630 --> 02:36:16,880

of time travel and and i'm doing five

3555

02:36:19,830 --> 02:36:18,640

different segments

3556

02:36:20,630 --> 02:36:19,840

uh

3557

02:36:23,510 --> 02:36:20,640

on

3558

02:36:25,349 --> 02:36:23,520

different aspects of it and i will come

3559

02:36:27,590 --> 02:36:25,359

back and do a part two

3560

02:36:30,630 --> 02:36:27,600

each one of these segments tonight is a

3561

02:36:33,190 --> 02:36:30,640

two and a half hour show but all of the

3562

02:36:34,870 --> 02:36:33,200

sides of time travel need to be

3563

02:36:38,469 --> 02:36:34,880

presented and that's what we are doing

3564

02:36:40,150 --> 02:36:38,479

tonight okay now um

3565

02:36:43,030 --> 02:36:40,160

in this last segment

3566

02:36:44,309 --> 02:36:43,040

i want to talk about paradoxes

3567

02:36:46,630 --> 02:36:44,319

and

3568

02:36:47,750 --> 02:36:46,640

paradoxes like

3569

02:36:50,710 --> 02:36:47,760

many

3570

02:36:53,110 --> 02:36:50,720

different aspects of time travel you get

3571

02:36:56,870 --> 02:36:53,120

into paradoxes and

3572

02:37:00,950 --> 02:36:56,880

each paradox and the ideas behind it

3573

02:37:04,870 --> 02:37:00,960

uh can quickly spin off into another

3574

02:37:05,910 --> 02:37:04,880

10 15 20 even an infinite amount

3575

02:37:10,710 --> 02:37:05,920

of

3576

02:37:12,309 --> 02:37:10,720

and questions uh it's it's it's crazy

3577

02:37:15,110 --> 02:37:12,319

and it's deep

3578

02:37:19,190 --> 02:37:15,120

um one of the things that i wanted to

3579

02:37:21,429 --> 02:37:19,200

start off with um is the latest episode

3580

02:37:23,990 --> 02:37:21,439

of the orville

3581

02:37:25,830 --> 02:37:24,000

and again i don't want to uh

3582

02:37:29,030 --> 02:37:25,840

to give anything away

3583

02:37:31,990 --> 02:37:29,040

um but uh the latest episode deals with

3584

02:37:36,070 --> 02:37:32,000

the philosophical aspects of time travel

3585

02:37:39,030 --> 02:37:36,080

it gets very deep and very emotional

3586

02:37:40,710 --> 02:37:39,040

um now the way that the science is

3587

02:37:43,349 --> 02:37:40,720

presented here

3588

02:37:45,190 --> 02:37:43,359

um is is pretty solid and it's pretty

3589

02:37:47,590 --> 02:37:45,200

sound and it's also dealing with the

3590

02:37:49,270 --> 02:37:47,600

speed speed of light in other aspects

3591

02:37:50,469 --> 02:37:49,280

and they build a time machine and things

3592

02:37:52,389 --> 02:37:50,479

but

3593

02:37:54,550 --> 02:37:52,399

um

3594

02:37:57,190 --> 02:37:54,560

what would happen

3595

02:37:59,190 --> 02:37:57,200

if uh okay

3596

02:38:01,510 --> 02:37:59,200

i'm not going to give anything away

3597

02:38:03,349 --> 02:38:01,520

but here's a hypothetical thing that

3598

02:38:04,309 --> 02:38:03,359

they're dealing with so just think about

3599

02:38:05,190 --> 02:38:04,319

this

3600

02:38:06,150 --> 02:38:05,200

so

3601
02:38:08,469 --> 02:38:06,160
um

3602
02:38:13,429 --> 02:38:10,309
come back to earth

3603
02:38:18,469 --> 02:38:16,309
you end up spending 10 years here

3604
02:38:22,550 --> 02:38:18,479
and

3605
02:38:26,309 --> 02:38:22,560
the crew is is going to rescue you

3606
02:38:28,550 --> 02:38:26,319
and the crew spends

3607
02:38:31,830 --> 02:38:28,560
a few hours

3608
02:38:33,590 --> 02:38:31,840
discussing the aspects of how the rescue

3609
02:38:34,309 --> 02:38:33,600
is going to happen

3610
02:38:38,870 --> 02:38:34,319
but

3611
02:38:43,830 --> 02:38:41,510
they arrive on earth which to them is a

3612
02:38:46,150 --> 02:38:43,840
day later

3613
02:38:49,110 --> 02:38:46,160

you have now lived 10 years here on

3614

02:38:51,590 --> 02:38:49,120

earth and if you live 10 years here on

3615

02:38:54,070 --> 02:38:51,600

earth that means you've got 10 years of

3616

02:38:57,030 --> 02:38:54,080

life and experiences and everything else

3617

02:38:59,910 --> 02:38:57,040

to the crew of the orville

3618

02:39:03,270 --> 02:38:59,920

a day has passed

3619

02:39:05,429 --> 02:39:03,280

so think about that and then you have to

3620

02:39:07,670 --> 02:39:05,439

deal with that

3621

02:39:10,389 --> 02:39:07,680

and that's what the orville does and

3622

02:39:12,469 --> 02:39:10,399

they do it really really well

3623

02:39:13,750 --> 02:39:12,479

so everything that i've talked about

3624

02:39:16,389 --> 02:39:13,760

tonight

3625

02:39:19,429 --> 02:39:16,399

all of it you have the science side then

3626
02:39:20,630 --> 02:39:19,439
you have the philosophical side of time

3627
02:39:21,670 --> 02:39:20,640
travel

3628
02:39:25,750 --> 02:39:21,680
and

3629
02:39:27,429 --> 02:39:25,760
many times on the show

3630
02:39:31,349 --> 02:39:27,439
and then the orville

3631
02:39:33,990 --> 02:39:31,359
uh last week does their latest episode

3632
02:39:37,270 --> 02:39:34,000
of everything that i constantly talk

3633
02:39:39,429 --> 02:39:37,280
about on this show so if you haven't

3634
02:39:41,670 --> 02:39:39,439
seen it go and check it out the orville

3635
02:39:42,630 --> 02:39:41,680
is is incredible it's one of my favorite

3636
02:39:46,070 --> 02:39:42,640
series

3637
02:39:48,230 --> 02:39:46,080
and they deal with all of this

3638
02:39:50,550 --> 02:39:48,240

in the latest episode okay that being

3639

02:39:53,190 --> 02:39:50,560

said

3640

02:40:00,550 --> 02:39:53,200

the grandfather paradox

3641

02:40:02,630 --> 02:40:00,560

any physicist uh speak about time travel

3642

02:40:06,309 --> 02:40:02,640

uh the first thing that they jump into

3643

02:40:07,110 --> 02:40:06,319

is the grandfather paradox you see it in

3644

02:40:08,870 --> 02:40:07,120

uh

3645

02:40:11,429 --> 02:40:08,880

science fiction movies

3646

02:40:13,110 --> 02:40:11,439

um in books

3647

02:40:16,469 --> 02:40:13,120

it doesn't matter

3648

02:40:18,150 --> 02:40:16,479

uh the grandfather paradoxes there

3649

02:40:20,870 --> 02:40:18,160

but many

3650

02:40:22,389 --> 02:40:20,880

well what is it the grandfather paradox

3651
02:40:25,590 --> 02:40:22,399
occurs

3652
02:40:28,790 --> 02:40:25,600
when the past is changed

3653
02:40:30,389 --> 02:40:28,800
that's it it's changed in any way but

3654
02:40:34,469 --> 02:40:30,399
the common

3655
02:40:36,550 --> 02:40:34,479
is

3656
02:40:38,389 --> 02:40:36,560
somebody traveling to the past and

3657
02:40:39,190 --> 02:40:38,399
killing

3658
02:40:47,429 --> 02:40:39,200
their

3659
02:40:50,230 --> 02:40:47,439
and which then prevents the existence

3660
02:40:54,710 --> 02:40:50,240
of one of their parents

3661
02:40:56,150 --> 02:40:54,720
which means that they don't exist

3662
02:40:57,990 --> 02:40:56,160
so you have a loop

3663
02:41:00,309 --> 02:40:58,000

you have something that is created right

3664

02:41:02,630 --> 02:41:00,319

there how is it possible to go back

3665

02:41:04,309 --> 02:41:02,640

and and kill your grandfather that means

3666

02:41:07,349 --> 02:41:04,319

your parents aren't born

3667

02:41:10,630 --> 02:41:07,359

that or one of your parents which means

3668

02:41:13,110 --> 02:41:10,640

you weren't conceived and therefore how

3669

02:41:16,070 --> 02:41:13,120

can you travel back in time and if you

3670

02:41:17,030 --> 02:41:16,080

do this do you cease to exist so let's

3671

02:41:18,150 --> 02:41:17,040

say

3672

02:41:22,550 --> 02:41:18,160

you

3673

02:41:25,110 --> 02:41:22,560

he gets hit by the bus and dies at that

3674

02:41:27,110 --> 02:41:25,120

moment do you just

3675

02:41:31,910 --> 02:41:27,120

disappear

3676

02:41:35,910 --> 02:41:34,150

there are aspects of this you know

3677

02:41:38,309 --> 02:41:35,920

you go back in time you give your mother

3678

02:41:40,389 --> 02:41:38,319

a watch she uh

3679

02:41:43,030 --> 02:41:40,399

grows up and then gives you the watch

3680

02:41:44,630 --> 02:41:43,040

when you're a kid but how can you how

3681

02:41:45,990 --> 02:41:44,640

can you have the watch if you don't

3682

02:41:47,750 --> 02:41:46,000

travel back in time and give her the

3683

02:41:51,030 --> 02:41:47,760

watch and and

3684

02:41:54,309 --> 02:41:51,040

on and on and on there's any version of

3685

02:41:55,110 --> 02:41:54,319

the grandfather paradox can play out

3686

02:41:58,790 --> 02:41:55,120

right

3687

02:42:02,950 --> 02:41:58,800

okay uh another aspect of this

3688

02:42:08,150 --> 02:42:05,110

the russians

3689

02:42:08,950 --> 02:42:08,160

get a time machine

3690

02:42:10,309 --> 02:42:08,960

right

3691

02:42:13,670 --> 02:42:10,319

now

3692

02:42:14,870 --> 02:42:13,680

and they don't like the united states

3693

02:42:16,150 --> 02:42:14,880

right

3694

02:42:17,429 --> 02:42:16,160

what would they do

3695

02:42:19,750 --> 02:42:17,439

you know would they go back and mess

3696

02:42:21,429 --> 02:42:19,760

with our military would they go back and

3697

02:42:23,110 --> 02:42:21,439

deactivate

3698

02:42:25,349 --> 02:42:23,120

to steal the

3699

02:42:27,030 --> 02:42:25,359

plans for nuclear bombs so we don't have

3700

02:42:29,349 --> 02:42:27,040

them whatever no you know what you would

3701

02:42:34,950 --> 02:42:31,750

you would go back

3702

02:42:35,990 --> 02:42:34,960

400 years ago and and start sinking

3703

02:42:37,670 --> 02:42:36,000

ships

3704

02:42:40,950 --> 02:42:37,680

of the pilgrims coming over to the

3705

02:42:42,070 --> 02:42:40,960

united states that's what she would do

3706

02:42:43,110 --> 02:42:42,080

right

3707

02:42:46,150 --> 02:42:43,120

you would

3708

02:42:47,910 --> 02:42:46,160

kill george washington whatever

3709

02:42:50,150 --> 02:42:47,920

thomas jefferson

3710

02:42:53,030 --> 02:42:50,160

benjamin franklin you would stop the

3711

02:42:54,469 --> 02:42:53,040

united states from existing at its very

3712

02:42:56,469 --> 02:42:54,479

very beginning

3713

02:42:57,510 --> 02:42:56,479

that's what you would do

3714

02:42:59,990 --> 02:42:57,520

so that

3715

02:43:01,670 --> 02:43:00,000

these philosophical aspects to time

3716

02:43:02,790 --> 02:43:01,680

travel are something that needs to be

3717

02:43:05,910 --> 02:43:02,800

considered

3718

02:43:07,030 --> 02:43:05,920

but this isn't a modern

3719

02:43:08,870 --> 02:43:07,040

thing

3720

02:43:11,269 --> 02:43:08,880

it's not

3721

02:43:13,670 --> 02:43:11,279

now once you jump into the research i'm

3722

02:43:15,110 --> 02:43:13,680

going to help you right now with it

3723

02:43:19,349 --> 02:43:15,120

you'll find out that these things have

3724

02:43:24,710 --> 02:43:19,359

been discussed for a very very long time

3725

02:43:27,429 --> 02:43:24,720

in a letter printed in the july 1927

3726

02:43:29,670 --> 02:43:27,439

issue of amazing stories

3727

02:43:32,469 --> 02:43:29,680

suggested that a time traveler could

3728

02:43:34,630 --> 02:43:32,479

shoot and kill his younger self

3729

02:43:36,550 --> 02:43:34,640

a similar scenario is presented in

3730

02:43:38,230 --> 02:43:36,560

amazing stories in their quarterly

3731

02:43:39,910 --> 02:43:38,240

version of the magazine in the summer of

3732

02:43:42,389 --> 02:43:39,920

1929

3733

02:43:44,870 --> 02:43:42,399

when a time traveler has the opportunity

3734

02:43:48,070 --> 02:43:44,880

to avoid the events

3735

02:43:50,550 --> 02:43:48,080

that sent him back in time the time

3736

02:43:52,790 --> 02:43:50,560

traveler offers a hypothetical example

3737

02:43:54,950 --> 02:43:52,800

in which he might have traveled to his

3738

02:43:57,429 --> 02:43:54,960

grandfather's childhood

3739

02:43:58,870 --> 02:43:57,439

to kill him

3740

02:44:01,830 --> 02:43:58,880

right

3741

02:44:03,590 --> 02:44:01,840

one of these time travelers

3742

02:44:05,830 --> 02:44:03,600

angles in in

3743

02:44:08,070 --> 02:44:05,840

correspondence back to

3744

02:44:09,910 --> 02:44:08,080

amazing stories said that

3745

02:44:12,150 --> 02:44:09,920

they had heard

3746

02:44:14,710 --> 02:44:12,160

that the grandfather

3747

02:44:17,349 --> 02:44:14,720

argument not paradox but back then they

3748

02:44:19,830 --> 02:44:17,359

called it the grandfather argument

3749

02:44:22,630 --> 02:44:19,840

they had heard about this previously

3750

02:44:26,230 --> 02:44:22,640

and later that year another editorial

3751

02:44:29,269 --> 02:44:26,240

note in science wonder magazine

3752

02:44:32,469 --> 02:44:29,279

invited readers to discuss the problem

3753

02:44:36,070 --> 02:44:32,479

of traveling back 200 years to shoot

3754

02:44:38,790 --> 02:44:36,080

one's great great grandfather and the

3755

02:44:41,590 --> 02:44:38,800

debate about the grandfather paradox

3756

02:44:43,750 --> 02:44:41,600

continued continued week after week

3757

02:44:47,429 --> 02:44:43,760

month after month everybody discussed

3758

02:44:50,550 --> 02:44:47,439

this it was a very very deep subject it

3759

02:44:53,110 --> 02:44:50,560

was discussed way before computers

3760

02:44:55,910 --> 02:44:53,120

way before the nuclear age we're talking

3761

02:44:57,590 --> 02:44:55,920

about the 1920s and 1930s by the early

3762

02:44:59,990 --> 02:44:57,600

1930s

3763

02:45:01,910 --> 02:45:00,000

the topic was frequently discussed in

3764

02:45:03,990 --> 02:45:01,920

various american science fiction

3765

02:45:06,630 --> 02:45:04,000

magazines

3766

02:45:09,910 --> 02:45:06,640

a 1931 amazing stories letter

3767

02:45:12,389 --> 02:45:09,920

characterizes the matter as the age-old

3768

02:45:14,790 --> 02:45:12,399

argument of preventing your birth by

3769

02:45:16,870 --> 02:45:14,800

killing your grandparents

3770

02:45:18,469 --> 02:45:16,880

early science fiction stories dealing

3771

02:45:22,550 --> 02:45:18,479

with the paradox were published in the

3772

02:45:26,070 --> 02:45:22,560

1930s and 1940s and the 1944 book future

3773

02:45:29,510 --> 02:45:26,080

times 3 by renee bargival

3774

02:45:31,910 --> 02:45:29,520

touched upon the topic in great detail

3775

02:45:33,910 --> 02:45:31,920

it's an amazing book and i would suggest

3776

02:45:35,429 --> 02:45:33,920

that everyone read it

3777

02:45:38,389 --> 02:45:35,439

now

3778

02:45:39,910 --> 02:45:38,399

what about time travelers today

3779

02:45:43,830 --> 02:45:39,920

around us

3780

02:45:45,990 --> 02:45:43,840

now i talk about the fermi paradox a lot

3781

02:45:49,750 --> 02:45:46,000

of course that deals with ufos and the

3782

02:45:51,750 --> 02:45:49,760

existence of aliens and if there are

3783

02:45:55,030 --> 02:45:51,760

you know so many planets out there that

3784

02:45:57,510 --> 02:45:55,040

could support alien life and do

3785

02:46:00,710 --> 02:45:57,520

well then where is everybody

3786

02:46:01,750 --> 02:46:00,720

and enrico fermi uh posited this

3787

02:46:03,830 --> 02:46:01,760

question

3788

02:46:05,030 --> 02:46:03,840

uh over lunch

3789

02:46:07,590 --> 02:46:05,040

um

3790

02:46:10,070 --> 02:46:07,600

and at a research laboratory in new

3791

02:46:13,990 --> 02:46:10,080

mexico when they were dealing with you

3792

02:46:16,389 --> 02:46:14,000

know nuclear bombs and weapons but um

3793

02:46:18,309 --> 02:46:16,399

but this was a topic that was discussed

3794

02:46:23,110 --> 02:46:18,319

and there was a lot of ufo sightings

3795

02:46:26,070 --> 02:46:23,120

that were happening 1952 1953 1954 which

3796

02:46:27,590 --> 02:46:26,080

caused enrico and his other physicist

3797

02:46:30,710 --> 02:46:27,600

buddies to sit around and talk about

3798

02:46:33,670 --> 02:46:30,720

this subject you know where is

3799

02:46:36,150 --> 02:46:33,680

everybody at if there's all of this life

3800

02:46:37,990 --> 02:46:36,160

out there that was in the early 1950s

3801
02:46:40,710 --> 02:46:38,000
imagine how that conversation would

3802
02:46:42,870 --> 02:46:40,720
change today once

3803
02:46:45,429 --> 02:46:42,880
we have now found out that there are

3804
02:46:48,469 --> 02:46:45,439
billions and billions of earth-like

3805
02:46:51,590 --> 02:46:48,479
planets right here in our own milky way

3806
02:46:52,950 --> 02:46:51,600
well stephen hawking

3807
02:46:56,230 --> 02:46:52,960
adapted

3808
02:46:59,030 --> 02:46:56,240
the fermi paradox he did

3809
02:47:00,790 --> 02:46:59,040
he just adapted it to time travel and he

3810
02:47:02,309 --> 02:47:00,800
flipped it around

3811
02:47:05,429 --> 02:47:02,319
and he phrased it you know if time

3812
02:47:08,150 --> 02:47:05,439
travel were possible man you know where

3813
02:47:09,750 --> 02:47:08,160

all the visitors from the future

3814

02:47:13,030 --> 02:47:09,760

understandable

3815

02:47:14,710 --> 02:47:13,040

and so he did his invitation he did his

3816

02:47:17,190 --> 02:47:14,720

time travel party

3817

02:47:20,550 --> 02:47:17,200

and uh party has had such and such a

3818

02:47:22,630 --> 02:47:20,560

date and would love to have you here and

3819

02:47:29,309 --> 02:47:22,640

nobody showed up

3820

02:47:33,269 --> 02:47:31,190

everything

3821

02:47:36,550 --> 02:47:33,279

that is presented especially from a

3822

02:47:43,110 --> 02:47:39,990

is getting too complex

3823

02:47:47,190 --> 02:47:43,120

i think it's a lot simpler

3824

02:47:51,110 --> 02:47:47,200

than what they are suggesting

3825

02:47:55,910 --> 02:47:53,110

i get on a spaceship

3826
02:47:57,910 --> 02:47:55,920
i head out for a couple of years

3827
02:47:59,670 --> 02:47:57,920
approach the speed of light

3828
02:48:03,110 --> 02:47:59,680
i make a u-turn

3829
02:48:04,630 --> 02:48:03,120
and i come back to earth and 5 000 years

3830
02:48:07,910 --> 02:48:04,640
has passed

3831
02:48:11,190 --> 02:48:07,920
and i am now here

3832
02:48:14,710 --> 02:48:11,200
two years has passed so i leave earth at

3833
02:48:16,870 --> 02:48:14,720
58 i come back at 60 but it's 5 000

3834
02:48:19,750 --> 02:48:16,880
years in the future

3835
02:48:21,990 --> 02:48:19,760
i guarantee

3836
02:48:23,349 --> 02:48:22,000
that when i get off that ship and i say

3837
02:48:25,590 --> 02:48:23,359
hello

3838
02:48:27,510 --> 02:48:25,600

and i go uh

3839

02:48:30,230 --> 02:48:27,520

have you guys invented time travel yet

3840

02:48:32,630 --> 02:48:30,240

oh yeah we did that 4 000 years ago do

3841

02:48:36,550 --> 02:48:32,640

it all the time oh really cool so i can

3842

02:48:37,910 --> 02:48:36,560

get back to the year 2022 you can

3843

02:48:40,550 --> 02:48:37,920

cool

3844

02:48:43,110 --> 02:48:40,560

that that that's a fact

3845

02:48:45,990 --> 02:48:43,120

it's a fact

3846

02:48:47,349 --> 02:48:46,000

so why hasn't it happened

3847

02:48:50,710 --> 02:48:47,359

all right

3848

02:48:52,309 --> 02:48:50,720

there's a couple of aspects of this to

3849

02:48:54,870 --> 02:48:52,319

to understand and this is why i think

3850

02:48:56,950 --> 02:48:54,880

it's a lot more simple

3851
02:48:58,389 --> 02:48:56,960
than everybody else's is playing it out

3852
02:49:00,630 --> 02:48:58,399
to be

3853
02:49:03,830 --> 02:49:00,640
and then there's a complex side of this

3854
02:49:07,910 --> 02:49:03,840
and i'll get to that in just a second

3855
02:49:12,870 --> 02:49:10,870
you're not changing anything

3856
02:49:15,670 --> 02:49:12,880
so let's go to the grandfather paradox

3857
02:49:19,190 --> 02:49:15,680
what do i mean by that

3858
02:49:19,990 --> 02:49:19,200
i go back and kill my grandparents

3859
02:49:23,750 --> 02:49:20,000
right

3860
02:49:28,150 --> 02:49:24,830
you're not

3861
02:49:29,910 --> 02:49:28,160
changing the future

3862
02:49:32,469 --> 02:49:29,920
you're killing your grandparents in the

3863
02:49:34,630 --> 02:49:32,479

past but the future has already happened

3864

02:49:38,469 --> 02:49:34,640

the future you

3865

02:49:40,950 --> 02:49:38,479

is going to continue living

3866

02:49:42,630 --> 02:49:40,960

and doing your thing

3867

02:49:45,030 --> 02:49:42,640

you're only

3868

02:49:47,830 --> 02:49:45,040

changing the past but that doesn't mean

3869

02:49:51,030 --> 02:49:47,840

that the universe is now upset the time

3870

02:49:53,190 --> 02:49:51,040

space continuum and that you know you've

3871

02:49:54,389 --> 02:49:53,200

killed the baby hitler now world war ii

3872

02:49:55,190 --> 02:49:54,399

doesn't happen

3873

02:50:02,070 --> 02:49:55,200

and

3874

02:50:03,750 --> 02:50:02,080

everything is different no

3875

02:50:07,670 --> 02:50:03,760

no

3876

02:50:11,510 --> 02:50:08,870

you may

3877

02:50:14,389 --> 02:50:11,520

kill your grandparents in the past

3878

02:50:16,630 --> 02:50:14,399

but you in the future the you you

3879

02:50:18,070 --> 02:50:16,640

exist physically i don't believe that

3880

02:50:20,710 --> 02:50:18,080

that changes

3881

02:50:22,790 --> 02:50:20,720

i don't think that you are creating uh

3882

02:50:25,590 --> 02:50:22,800

additional timelines that in this

3883

02:50:27,429 --> 02:50:25,600

timeline i'm alive but in that timeline

3884

02:50:28,870 --> 02:50:27,439

i'm dead in that timeline my

3885

02:50:30,710 --> 02:50:28,880

grandparents are dead but in this

3886

02:50:31,670 --> 02:50:30,720

timeline

3887

02:50:37,990 --> 02:50:31,680

no

3888

02:50:39,429 --> 02:50:38,000

possible and remember in the world of

3889

02:50:41,750 --> 02:50:39,439

physics

3890

02:50:45,349 --> 02:50:41,760

anything is possible

3891

02:50:47,750 --> 02:50:45,359

and everything will eventually happen

3892

02:50:49,750 --> 02:50:47,760

okay i understand that part of it

3893

02:50:52,710 --> 02:50:49,760

i do lenny suskin

3894

02:50:54,950 --> 02:50:52,720

explains it very elegantly

3895

02:50:58,469 --> 02:50:54,960

but what i am suggesting

3896

02:50:59,590 --> 02:50:58,479

is that if i have the ability to go back

3897

02:51:01,110 --> 02:50:59,600

and kept

3898

02:51:02,870 --> 02:51:01,120

the future

3899

02:51:04,250 --> 02:51:02,880

that i just came from

3900

02:51:05,990 --> 02:51:04,260

doesn't change

3901
02:51:07,830 --> 02:51:06,000

[Music]

3902
02:51:09,750 --> 02:51:07,840

you can go back and kill somebody in the

3903
02:51:11,429 --> 02:51:09,760

past

3904
02:51:13,190 --> 02:51:11,439

it's not going to change the future

3905
02:51:15,110 --> 02:51:13,200

you've just done something in the past

3906
02:51:17,830 --> 02:51:15,120

that's it you're not

3907
02:51:20,070 --> 02:51:17,840

upsetting the balance of the universe

3908
02:51:22,309 --> 02:51:20,080

here's the other technical aspect of

3909
02:51:24,389 --> 02:51:22,319

this

3910
02:51:26,070 --> 02:51:24,399

the universe

3911
02:51:29,269 --> 02:51:26,080

all of it

3912
02:51:30,790 --> 02:51:29,279

is made of a set number of particles

3913
02:51:33,990 --> 02:51:30,800

you can measure it

3914

02:51:35,910 --> 02:51:34,000

um there are calculations today that you

3915

02:51:39,510 --> 02:51:35,920

can go and read how many particles are

3916

02:51:41,269 --> 02:51:39,520

in the universe right now right and

3917

02:51:43,110 --> 02:51:41,279

if you look

3918

02:51:44,830 --> 02:51:43,120

at your left hand and you look at your

3919

02:51:48,070 --> 02:51:44,840

right hand you're looking at

3920

02:51:51,190 --> 02:51:48,080

particles from two different stars

3921

02:51:54,550 --> 02:51:51,200

we're all stardust

3922

02:51:59,190 --> 02:51:54,560

you can't change that

3923

02:52:00,389 --> 02:51:59,200

you can't so if you go back in time

3924

02:52:02,389 --> 02:52:00,399

and

3925

02:52:04,070 --> 02:52:02,399

just up here

3926
02:52:06,870 --> 02:52:04,080
are you adding

3927
02:52:09,750 --> 02:52:06,880
to the amount of particles in the

3928
02:52:11,429 --> 02:52:09,760
universe at that time

3929
02:52:12,309 --> 02:52:11,439
holy crap

3930
02:52:14,790 --> 02:52:12,319
right

3931
02:52:18,389 --> 02:52:14,800
that would change everything

3932
02:52:20,710 --> 02:52:18,399
you would go to the future and change

3933
02:52:22,070 --> 02:52:20,720
the amount of particles that are in the

3934
02:52:25,349 --> 02:52:22,080
universe

3935
02:52:27,269 --> 02:52:25,359
it seems like everything would blow up

3936
02:52:29,830 --> 02:52:27,279
right and everything would cease to

3937
02:52:31,910 --> 02:52:29,840
exist that's why i just don't think it's

3938
02:52:33,590 --> 02:52:31,920

that complicated

3939

02:52:37,110 --> 02:52:33,600

i i don't

3940

02:52:38,710 --> 02:52:37,120

that if if i show up in the future if

3941

02:52:40,830 --> 02:52:38,720

i'm somehow

3942

02:52:43,990 --> 02:52:40,840

going from

3943

02:52:46,070 --> 02:52:44,000

a out to a planet doing a u-turn and

3944

02:52:49,269 --> 02:52:46,080

coming back to earth and then coming

3945

02:52:52,469 --> 02:52:49,279

back to this timeline am i here or not

3946

02:52:56,070 --> 02:52:52,479

if i come back to a timeline time

3947

02:52:59,750 --> 02:52:56,080

if i go a little bit further in the past

3948

02:53:03,030 --> 02:52:59,760

would i see another version of me yes

3949

02:53:05,510 --> 02:53:03,040

right it's is it upsetting things i i

3950

02:53:06,630 --> 02:53:05,520

just don't think so

3951

02:53:09,990 --> 02:53:06,640

i don't

3952

02:53:13,269 --> 02:53:10,000

that's why in the atom project uh this

3953

02:53:15,429 --> 02:53:13,279

aspect to that where ryan reynolds goes

3954

02:53:18,630 --> 02:53:15,439

back and hangs out with a virgin

3955

02:53:20,150 --> 02:53:18,640

i mean his younger self and they talk

3956

02:53:22,950 --> 02:53:20,160

um

3957

02:53:26,630 --> 02:53:22,960

is is the universe imploding no

3958

02:53:28,870 --> 02:53:26,640

that's why i think it's much more simple

3959

02:53:31,670 --> 02:53:28,880

i don't think that paradoxes are are

3960

02:53:33,110 --> 02:53:31,680

part of the reality of things i just i

3961

02:53:36,830 --> 02:53:33,120

just don't feel that

3962

02:53:43,110 --> 02:53:40,230

again if i traveled out and made a

3963

02:53:45,910 --> 02:53:43,120

u-turn and came back 5000 years in the

3964

02:53:47,349 --> 02:53:45,920

future time travel has been invented you

3965

02:53:48,150 --> 02:53:47,359

can do it

3966

02:53:50,309 --> 02:53:48,160

and

3967

02:53:51,510 --> 02:53:50,319

you can bounce around all day long

3968

02:53:53,030 --> 02:53:51,520

therefore

3969

02:53:55,910 --> 02:53:53,040

somebody would have come back here

3970

02:53:58,070 --> 02:53:55,920

you're not upsetting anything

3971

02:54:01,030 --> 02:53:58,080

there isn't there isn't a paradox that

3972

02:54:02,550 --> 02:54:01,040

is created there isn't another timeline

3973

02:54:04,550 --> 02:54:02,560

that is created i don't i don't think

3974

02:54:06,950 --> 02:54:04,560

that that is the case even though that's

3975

02:54:09,190 --> 02:54:06,960

what john teeter has said

3976
02:54:11,269 --> 02:54:09,200
now

3977
02:54:12,309 --> 02:54:11,279
here's the other part

3978
02:54:17,670 --> 02:54:12,319
and

3979
02:54:22,150 --> 02:54:17,680
that

3980
02:54:24,070 --> 02:54:22,160
going backwards and forwards in time

3981
02:54:26,710 --> 02:54:24,080
is not only simple

3982
02:54:27,670 --> 02:54:26,720
and is not changing things

3983
02:54:32,790 --> 02:54:27,680
and

3984
02:54:34,429 --> 02:54:32,800
is not changing things

3985
02:54:36,790 --> 02:54:34,439
that's why i think that the

3986
02:54:39,910 --> 02:54:36,800
commercialization of this

3987
02:54:41,830 --> 02:54:39,920
and going to a travel company to go on a

3988
02:54:44,790 --> 02:54:41,840

vacation

3989

02:54:47,190 --> 02:54:44,800

i believe that this this happens

3990

02:54:49,030 --> 02:54:47,200

and the and the reason why

3991

02:54:51,750 --> 02:54:49,040

i think that this happens

3992

02:54:54,469 --> 02:54:51,760

is because you are only playing the part

3993

02:54:55,590 --> 02:54:54,479

of the observer

3994

02:54:58,309 --> 02:54:55,600

right that

3995

02:55:00,389 --> 02:54:58,319

that i think it's quite possible

3996

02:55:01,990 --> 02:55:00,399

that why these paradoxes aren't

3997

02:55:04,870 --> 02:55:02,000

happening

3998

02:55:06,790 --> 02:55:04,880

is if we're not seeing these changes and

3999

02:55:08,469 --> 02:55:06,800

i'll get to the mandela effect before we

4000

02:55:10,550 --> 02:55:08,479

get out of here i'm trying to get the

4001
02:55:13,830 --> 02:55:10,560
rest of this in

4002
02:55:18,950 --> 02:55:15,750
that coming back

4003
02:55:21,750 --> 02:55:18,960
the aspect of sleep and dreams and time

4004
02:55:23,830 --> 02:55:21,760
travel and astral that side of it that

4005
02:55:25,830 --> 02:55:23,840
that is another part of time travel that

4006
02:55:28,389 --> 02:55:25,840
i think is a real experience so you

4007
02:55:31,030 --> 02:55:28,399
could come back you can observe you can

4008
02:55:33,110 --> 02:55:31,040
just like going to a concert

4009
02:55:35,830 --> 02:55:33,120
going to the movies

4010
02:55:38,630 --> 02:55:35,840
you're seeing it it's physical it's real

4011
02:55:40,870 --> 02:55:38,640
but you are not seen

4012
02:55:43,030 --> 02:55:40,880
and you can't interact

4013
02:55:45,990 --> 02:55:43,040

and you can't do any of that and you

4014

02:55:48,550 --> 02:55:46,000

can't kill anybody you can't change the

4015

02:55:50,309 --> 02:55:48,560

future no matter what

4016

02:55:51,750 --> 02:55:50,319

you

4017

02:55:54,870 --> 02:55:51,760

want to

4018

02:55:57,590 --> 02:55:54,880

change something but you can't because

4019

02:56:01,349 --> 02:55:57,600

the future is already there you cannot

4020

02:56:03,510 --> 02:56:01,359

change it there is not a possibility

4021

02:56:05,429 --> 02:56:03,520

of a paradox

4022

02:56:06,469 --> 02:56:05,439

that's it well how

4023

02:56:09,830 --> 02:56:06,479

no

4024

02:56:11,990 --> 02:56:09,840

i i just feel that that is the case

4025

02:56:14,710 --> 02:56:12,000

these questions of paradoxes and the way

4026
02:56:17,269 --> 02:56:14,720
that physicists and and other scientists

4027
02:56:19,510 --> 02:56:17,279
bring this aspect of it up is because

4028
02:56:22,230 --> 02:56:19,520
they want to talk their way out of the

4029
02:56:25,349 --> 02:56:22,240
possibility of time travel time travel

4030
02:56:27,510 --> 02:56:25,359
is real it can happen and it can be done

4031
02:56:30,550 --> 02:56:27,520
we understand that today there's no

4032
02:56:34,150 --> 02:56:30,560
question about it with a science behind

4033
02:56:35,750 --> 02:56:34,160
wormholes going back as and coming back

4034
02:56:37,429 --> 02:56:35,760
as a younger version of you and

4035
02:56:40,550 --> 02:56:37,439
traveling to the past

4036
02:56:42,150 --> 02:56:40,560
that science is sound

4037
02:56:44,630 --> 02:56:42,160
i remember i'm going to leave you with

4038
02:56:47,190 --> 02:56:44,640

this i remember the first time i

4039

02:56:49,990 --> 02:56:47,200

started to hear about the mandela effect

4040

02:56:51,269 --> 02:56:50,000

and i started to think about how is this

4041

02:56:53,349 --> 02:56:51,279

possible

4042

02:56:54,870 --> 02:56:53,359

i think that that may be another aspect

4043

02:56:56,950 --> 02:56:54,880

of time travel

4044

02:56:59,590 --> 02:56:56,960

right because there's many versions of

4045

02:57:01,670 --> 02:56:59,600

it i'm just giving you a couple of ideas

4046

02:57:03,830 --> 02:57:01,680

and scenarios to play out

4047

02:57:05,910 --> 02:57:03,840

but the mandela effect is something that

4048

02:57:06,870 --> 02:57:05,920

is affecting millions if not billions of

4049

02:57:09,349 --> 02:57:06,880

people

4050

02:57:11,349 --> 02:57:09,359

and we're seeing this is that another

4051

02:57:13,910 --> 02:57:11,359

aspect of time travel that is for

4052

02:57:15,510 --> 02:57:13,920

another show and here's the last thing

4053

02:57:16,630 --> 02:57:15,520

this is the third part of this i want to

4054

02:57:19,429 --> 02:57:16,640

leave you with

4055

02:57:21,910 --> 02:57:19,439

i had a very deep conversation

4056

02:57:23,590 --> 02:57:21,920

with richard dolan about traveling to

4057

02:57:27,349 --> 02:57:23,600

the past he's okay with going to the

4058

02:57:29,510 --> 02:57:27,359

future remember the future is

4059

02:57:32,150 --> 02:57:29,520

not happened yet

4060

02:57:33,110 --> 02:57:32,160

apparently so going to the future is is

4061

02:57:34,710 --> 02:57:33,120

easy

4062

02:57:36,790 --> 02:57:34,720

right you're not changing anything

4063

02:57:38,550 --> 02:57:36,800

you're only experiencing it but going to

4064

02:57:41,910 --> 02:57:38,560

the past is different and what richard

4065

02:57:44,950 --> 02:57:41,920

had said to me he said you're telling me

4066

02:57:46,510 --> 02:57:44,960

that if you go back in time

4067

02:57:49,349 --> 02:57:46,520

then

4068

02:57:53,110 --> 02:57:49,359

everything in the universe

4069

02:57:55,750 --> 02:57:53,120

is also going backwards in time

4070

02:57:58,710 --> 02:57:55,760

right the amount of energy that would be

4071

02:57:59,750 --> 02:57:58,720

applied there and how it would be done

4072

02:58:02,950 --> 02:57:59,760

no

4073

02:58:06,070 --> 02:58:02,960

and richard's right that part of it

4074

02:58:09,590 --> 02:58:06,080

is impossible it would take the energy

4075

02:58:10,790 --> 02:58:09,600

of the known everything to crank back

4076
02:58:13,110 --> 02:58:10,800
time

4077
02:58:14,950 --> 02:58:13,120
everywhere

4078
02:58:17,349 --> 02:58:14,960
but with a wormhole

4079
02:58:20,950 --> 02:58:17,359
it's individual

4080
02:58:23,030 --> 02:58:20,960
you are younger

4081
02:58:25,110 --> 02:58:23,040
think about that

4082
02:58:27,750 --> 02:58:25,120
this is fade to black i am your host

4083
02:58:30,230 --> 02:58:27,760
jimmy church i've got a few ideas for

4084
02:58:31,670 --> 02:58:30,240
next monday's presentation it's going to

4085
02:58:33,990 --> 02:58:31,680
be great we're not going to do time

4086
02:58:36,230 --> 02:58:34,000
travel next week that'll be a couple of

4087
02:58:38,469 --> 02:58:36,240
more months down the road i've got a

4088
02:58:40,550 --> 02:58:38,479

whole list of different subjects that i

4089

02:58:43,190 --> 02:58:40,560

want to get covered and get out of my

4090

02:58:46,630 --> 02:58:43,200

brain and out to the rest of the world

4091

02:58:49,510 --> 02:58:46,640

uh for the foreseeable future i'm really

4092

02:58:52,230 --> 02:58:49,520

enjoying these monday nights and and

4093

02:58:53,750 --> 02:58:52,240

going through this and just sharing what

4094

02:58:57,190 --> 02:58:53,760

i have learned

4095

02:58:58,389 --> 02:58:57,200

over the years uh time travel is is

4096

02:59:01,510 --> 02:58:58,399

important

4097

02:59:04,550 --> 02:59:01,520

um i i i really feel

4098

02:59:06,630 --> 02:59:04,560

um that that not only is it real but

4099

02:59:09,110 --> 02:59:06,640

there are time travelers among us right

4100

02:59:10,070 --> 02:59:09,120

now i i just i just believe that to be

4101
02:59:13,269 --> 02:59:10,080
true

4102
02:59:17,429 --> 02:59:13,279
um as an observation that's one aspect

4103
02:59:19,830 --> 02:59:17,439
of it um an astral mind a

4104
02:59:22,309 --> 02:59:19,840
time travel it's been talked about for

4105
02:59:24,389 --> 02:59:22,319
thousands of years a physical version of

4106
02:59:26,550 --> 02:59:24,399
this going backwards and forwards

4107
02:59:29,429 --> 02:59:26,560
absolutely possible

4108
02:59:32,230 --> 02:59:29,439
and the math says it is so

4109
02:59:33,750 --> 02:59:32,240
and these aspects of it

4110
02:59:35,429 --> 02:59:33,760
i don't think people really want to talk

4111
02:59:37,670 --> 02:59:35,439
about it i don't think science wants to

4112
02:59:40,309 --> 02:59:37,680
talk about it i don't they're too deep

4113
02:59:42,630 --> 02:59:40,319

and it's too philosophical this is fade

4114

02:59:44,230 --> 02:59:42,640

to black i am your host jimmy church

4115

02:59:45,110 --> 02:59:44,240

tomorrow night right here on fade to

4116

02:59:47,670 --> 02:59:45,120

black

4117

02:59:48,870 --> 02:59:47,680

scott walter is joining us and we will

4118

02:59:51,349 --> 02:59:48,880

be doing

4119

02:59:53,349 --> 02:59:51,359

the secret america

4120

02:59:56,070 --> 02:59:53,359

all of that tomorrow night i am your

4121

02:59:57,190 --> 02:59:56,080

host jimmy church wednesday night don't

4122

03:00:00,790 --> 02:59:57,200

forget

4123

03:00:03,990 --> 03:00:00,800

kelly sullivan walden is joining us for

4124

03:00:06,469 --> 03:00:04,000

the secret of dreams

4125

03:00:09,269 --> 03:00:06,479

fade to black is produced by hill j palm

4126
03:00:11,910 --> 03:00:09,279
and renee dennis and kevin announcers

4127
03:00:13,030 --> 03:00:11,920
are steve harder gene bateau and mark d

4128
03:00:15,590 --> 03:00:13,040
kovar

4129
03:00:17,990 --> 03:00:15,600
webmaster is drew the geek music doug

4130
03:00:20,150 --> 03:00:18,000
aldrige intro spaceboy

4131
03:00:22,309 --> 03:00:20,160
spaceboymusic.com

4132
03:00:24,150 --> 03:00:22,319
paid to black is produced by kjcr for

4133
03:00:28,070 --> 03:00:24,160
the game changer network and this

4134
03:00:30,070 --> 03:00:28,080
broadcast is own and copyrighted 2022

4135
03:00:31,269 --> 03:00:30,080
by fade to black and the game changer

4136
03:00:33,910 --> 03:00:31,279
network inc

4137
03:00:36,550 --> 03:00:33,920
it cannot be copied rebroadcast

4138
03:00:38,550 --> 03:00:36,560

downloaded or used anywhere in the known

4139

03:00:39,990 --> 03:00:38,560

universe without written permission from

4140

03:00:42,870 --> 03:00:40,000

fade to black of the game changer

4141

03:00:44,710 --> 03:00:42,880

network i'm your host jimmy church

4142

03:00:48,150 --> 03:00:44,720

i'll see everybody tomorrow night but

4143

03:00:51,950 --> 03:00:48,160

until then i want you to be safe

4144

03:01:05,850 --> 03:00:51,960

go backly tappy

4145

03:01:05,860 --> 03:01:17,670

[Music]