

# CURT JAIMUNGAL

#537



1  
00:00:01,120 --> 00:00:04,430

[Music]

2  
00:00:04,440 --> 00:00:09,680

foreign

3  
00:00:33,049 --> 00:00:17,200

[Music]

4  
00:00:33,059 --> 00:00:40,510

foreign

5  
00:00:45,830 --> 00:00:43,850  
host and it's a pre-recorded show uh

6  
00:00:48,049 --> 00:00:45,840  
this evening however I will be in the

7  
00:00:50,990 --> 00:00:48,059  
chat room to answer questions or say hi

8  
00:00:53,450 --> 00:00:51,000  
and all that and also wish everyone a

9  
00:00:56,450 --> 00:00:53,460  
Happy New Year because that is coming up

10  
00:00:59,869 --> 00:00:56,460  
in a few days so I wish uh you all a

11  
00:01:02,389 --> 00:00:59,879  
very good 2023 and I want to thank all

12  
00:01:05,149 --> 00:01:02,399  
those who support the show and then I

13  
00:01:07,910 --> 00:01:05,159

appreciate every single listener and

14

00:01:10,429 --> 00:01:07,920

again I hope you have a great 2023 the

15

00:01:12,170 --> 00:01:10,439

guest tonight kirkji mungle I'm really

16

00:01:15,050 --> 00:01:12,180

excited to have him on I've watched a

17

00:01:16,550 --> 00:01:15,060

number of his videos on the theories of

18

00:01:19,730 --> 00:01:16,560

everything he's got a great YouTube

19

00:01:21,109 --> 00:01:19,740

channel and podcast interviews all kinds

20

00:01:23,030 --> 00:01:21,119

of interesting people and a number of

21

00:01:25,249 --> 00:01:23,040

people in the UFO world and that's

22

00:01:27,170 --> 00:01:25,259

really why I got a hold of him I saw

23

00:01:29,990 --> 00:01:27,180

that he had some kind of interest in

24

00:01:34,130 --> 00:01:30,000

UFOs at least he's looking into them uh

25

00:01:36,469 --> 00:01:34,140

curiosity and uh he he has uh uh has had

26  
00:01:37,730 --> 00:01:36,479  
a number of really great guests and I'm

27  
00:01:40,429 --> 00:01:37,740  
going to talk to him a little bit about

28  
00:01:42,890 --> 00:01:40,439  
that at and how he got into this and all

29  
00:01:44,210 --> 00:01:42,900  
that so without further Ado I will bring

30  
00:01:46,670 --> 00:01:44,220  
him in

31  
00:01:48,649 --> 00:01:46,680  
welcome to the show Kurt thank you it's

32  
00:01:50,510 --> 00:01:48,659  
good to be here thank you Martin yeah

33  
00:01:52,010 --> 00:01:50,520  
you know I've had a lot of people uh I

34  
00:01:54,590 --> 00:01:52,020  
announced last week that you're going to

35  
00:01:55,969 --> 00:01:54,600  
be on this week and I got some email

36  
00:01:57,889 --> 00:01:55,979  
people are pretty excited that you're

37  
00:01:59,929 --> 00:01:57,899  
coming on so there's a lot of there's

38  
00:02:02,990 --> 00:01:59,939

believe it or not even if you didn't you

39

00:02:04,069 --> 00:02:03,000

do UFOs there is a crossover of people

40

00:02:06,230 --> 00:02:04,079

that

41

00:02:07,850 --> 00:02:06,240

you know watch your channel and you and

42

00:02:10,669 --> 00:02:07,860

you I saw you have a lot of subscribers

43

00:02:12,830 --> 00:02:10,679

and a lot of very popular videos that

44

00:02:14,750 --> 00:02:12,840

you you put out there

45

00:02:15,949 --> 00:02:14,760

well I hope I don't disappoint those

46

00:02:18,350 --> 00:02:15,959

people who are looking forward to this

47

00:02:20,990 --> 00:02:18,360

no you won't no you won't want me to

48

00:02:24,170 --> 00:02:21,000

disappoint you no not at all so what

49

00:02:26,210 --> 00:02:24,180

made you decide uh to to actually create

50

00:02:28,190 --> 00:02:26,220

this the theories of everything or it's

51  
00:02:31,250 --> 00:02:28,200  
just called theories of everything uh

52  
00:02:33,770 --> 00:02:31,260  
podcast and uh YouTube channel

53  
00:02:35,869 --> 00:02:33,780  
so I've always been interested in in the

54  
00:02:38,030 --> 00:02:35,879  
physics term theories of everything that

55  
00:02:39,830 --> 00:02:38,040  
is how do you how do you unify Quantum

56  
00:02:42,170 --> 00:02:39,840  
field Theory and then gravity or general

57  
00:02:43,369 --> 00:02:42,180  
relativity I've always been almost

58  
00:02:45,290 --> 00:02:43,379  
always been interested in that since

59  
00:02:47,089 --> 00:02:45,300  
I've been a kid

60  
00:02:48,949 --> 00:02:47,099  
and then when I went to University I

61  
00:02:50,809 --> 00:02:48,959  
became more interested in stand-up and

62  
00:02:52,130 --> 00:02:50,819  
from stand up so stand-up comedy from

63  
00:02:54,890 --> 00:02:52,140

that I did film

64

00:02:56,690 --> 00:02:54,900

and then from there when I graduated I

65

00:02:59,150 --> 00:02:56,700

went into filmmaking rather than into

66

00:03:00,650 --> 00:02:59,160

math and physics primarily because when

67

00:03:03,290 --> 00:03:00,660

you're when you have to do math and

68

00:03:05,210 --> 00:03:03,300

physics at least for myself I despise it

69

00:03:07,550 --> 00:03:05,220

so my favorite courses were always the

70

00:03:09,530 --> 00:03:07,560

courses that I wasn't in that I wasn't

71

00:03:10,790 --> 00:03:09,540

assigned so someone says you have to do

72

00:03:14,509 --> 00:03:10,800

so and so you have to do this homework

73

00:03:17,630 --> 00:03:14,519

assignment I despise that I can't I

74

00:03:20,690 --> 00:03:17,640

I'm extremely averse to it I don't it

75

00:03:22,369 --> 00:03:20,700

makes me tense it makes me so makes me

76

00:03:23,869 --> 00:03:22,379

not want to do it

77

00:03:25,610 --> 00:03:23,879

so

78

00:03:27,589 --> 00:03:25,620

but however if there's a different

79

00:03:28,910 --> 00:03:27,599

course I'll look up the book for that

80

00:03:30,110 --> 00:03:28,920

course even though I'm supposed to be

81

00:03:31,910 --> 00:03:30,120

studying for some other course anyway

82

00:03:34,369 --> 00:03:31,920

the point is I don't like to do what I'm

83

00:03:36,770 --> 00:03:34,379

supposed to do so I went into filmmaking

84

00:03:38,690 --> 00:03:36,780

then which is a great

85

00:03:40,789 --> 00:03:38,700

a great

86

00:03:44,270 --> 00:03:40,799

Avenue for people who are just as

87

00:03:45,770 --> 00:03:44,280

desultory as myself then I started to

88

00:03:47,930 --> 00:03:45,780

make a film and release some of the

89

00:03:50,030 --> 00:03:47,940

interviews on

90

00:03:52,729 --> 00:03:50,040

on YouTube and those are essentially

91

00:03:54,530 --> 00:03:52,739

podcasts interviews and that started to

92

00:03:56,990 --> 00:03:54,540

take traction and I thought given that

93

00:03:58,009 --> 00:03:57,000

the pandemic is imminent or occurring

94

00:03:59,509 --> 00:03:58,019

right now

95

00:04:09,770 --> 00:03:59,519

why not

96

00:04:11,570 --> 00:04:09,780

Donald Hoffman because I hear so many

97

00:04:13,610 --> 00:04:11,580

people talk about his theories and I've

98

00:04:15,289 --> 00:04:13,620

heard him yes at a fairly superficial

99

00:04:17,270 --> 00:04:15,299

level and he's claiming that there's

100

00:04:18,830 --> 00:04:17,280

mathematics behind it okay well I can

101

00:04:20,569 --> 00:04:18,840

read that math why don't I read his

102

00:04:22,069 --> 00:04:20,579

papers and then interview him I did that

103

00:04:24,350 --> 00:04:22,079

and then that took off and I thought hey

104

00:04:25,850 --> 00:04:24,360

given that I'm extremely interested

105

00:04:27,409 --> 00:04:25,860

there's like this Burning passion in me

106

00:04:29,749 --> 00:04:27,419

for theories of everything why not go

107

00:04:31,189 --> 00:04:29,759

back into that it's never left me even

108

00:04:33,950 --> 00:04:31,199

when I was doing films there's an

109

00:04:36,110 --> 00:04:33,960

element of physics and math in them so I

110

00:04:37,909 --> 00:04:36,120

put out more interviews quote-unquote

111

00:04:40,249 --> 00:04:37,919

interviews not even podcasts on that

112

00:04:41,510 --> 00:04:40,259

subject and that seemed to take off and

113

00:04:43,490 --> 00:04:41,520

so it's not as if it was a conscious

114

00:04:45,590 --> 00:04:43,500

decision at one single point it was the

115

00:04:47,090 --> 00:04:45,600

gradual change and at some point I

116

00:04:49,430 --> 00:04:47,100

called it theories of everything whereas

117

00:04:52,670 --> 00:04:49,440

before it had a different name yeah yeah

118

00:04:54,650 --> 00:04:52,680

well uh it's it's fascinating and you

119

00:04:57,530 --> 00:04:54,660

know I've I've had these Curiosities too

120

00:05:00,230 --> 00:04:57,540

but not at your level you know not at

121

00:05:03,409 --> 00:05:00,240

such a deep scientific or a mathematical

122

00:05:06,170 --> 00:05:03,419

level but I I'm still fascinated

123

00:05:08,689 --> 00:05:06,180

I would say I'm a fan of it all and and

124

00:05:12,110 --> 00:05:08,699

uh so it's I have a curiosity about it

125

00:05:14,150 --> 00:05:12,120

and I think it's great that you also

126

00:05:16,610 --> 00:05:14,160

looked into a number of different topics

127

00:05:19,189 --> 00:05:16,620

and we'll talk about uh them later as

128

00:05:21,950 --> 00:05:19,199

well uh because you know Consciousness

129

00:05:24,469 --> 00:05:21,960

is something that you've looked into and

130

00:05:26,930 --> 00:05:24,479

have done some interviews on but it's

131

00:05:28,550 --> 00:05:26,940

also something that I get contacted all

132

00:05:30,409 --> 00:05:28,560

the time and people are saying they

133

00:05:33,170 --> 00:05:30,419

believe there's a connection between

134

00:05:35,029 --> 00:05:33,180

UFOs and Consciousness and I I can't

135

00:05:38,210 --> 00:05:35,039

I've been trying to understand exactly

136

00:05:40,670 --> 00:05:38,220

what that would be or how how that works

137

00:05:41,930 --> 00:05:40,680

and even when I've had people try to

138

00:05:46,129 --> 00:05:41,940

explain it to me I still can't

139

00:05:47,689 --> 00:05:46,139

understand and there uh there's a great

140

00:05:49,850 --> 00:05:47,699

quote

141

00:05:51,890 --> 00:05:49,860

um and I'm trying to remember

142

00:05:55,249 --> 00:05:51,900

um who who did the who said the quote

143

00:05:56,930 --> 00:05:55,259

that what we know is a draw what we know

144

00:05:57,650 --> 00:05:56,940

is a drop and what we don't know is an

145

00:06:00,409 --> 00:05:57,660

ocean

146

00:06:02,210 --> 00:06:00,419

right yeah and I do believe that I

147

00:06:04,670 --> 00:06:02,220

believe there's so much to learn and we

148

00:06:07,430 --> 00:06:04,680

just know a little tiny tiny fraction of

149

00:06:10,070 --> 00:06:07,440

what there is to learn yeah I agree

150

00:06:11,330 --> 00:06:10,080

yeah so I'm glad you're doing this and

151

00:06:13,189 --> 00:06:11,340

what do you think the connection is

152

00:06:16,129 --> 00:06:13,199

between UFOs and consciousness

153

00:06:19,370 --> 00:06:16,139

I could come across I have tried to

154

00:06:21,050 --> 00:06:19,380

understand that and uh you know some

155

00:06:23,570 --> 00:06:21,060

people are saying that it's created

156

00:06:24,290 --> 00:06:23,580

through our Consciousness but then that

157

00:06:27,110 --> 00:06:24,300

doesn't

158

00:06:30,110 --> 00:06:27,120

you know like on an individual basis but

159

00:06:32,330 --> 00:06:30,120

interesting but I don't you know then I

160

00:06:34,370 --> 00:06:32,340

I counter that with okay well what about

161

00:06:35,629 --> 00:06:34,380

the mass sightings you know there's so

162

00:06:37,490 --> 00:06:35,639

many sightings like the Phoenix Lights

163

00:06:40,909 --> 00:06:37,500

that had thousands of people that saw it

164

00:06:42,290 --> 00:06:40,919

and there's one in Chicago in a area and

165

00:06:44,870 --> 00:06:42,300

there's this whole bunch of sightings

166

00:06:47,570 --> 00:06:44,880

where there's been you know many

167

00:06:49,909 --> 00:06:47,580

multiples of witnesses so

168

00:06:52,249 --> 00:06:49,919

that doesn't really you know pan out in

169

00:06:55,129 --> 00:06:52,259

that particular situation

170

00:06:57,590 --> 00:06:55,139

so yeah but I think it's it's still

171

00:06:59,870 --> 00:06:57,600

really interesting

172

00:07:02,510 --> 00:06:59,880

um and I've seen several people on your

173

00:07:05,029 --> 00:07:02,520

show like I was just listening to Ross

174

00:07:07,790 --> 00:07:05,039

coldheart and uh he's been on my show

175

00:07:10,430 --> 00:07:07,800

before I really I really respect him

176

00:07:12,230 --> 00:07:10,440

liked him liked him he's a journalist in

177

00:07:13,670 --> 00:07:12,240

Australia of course

178

00:07:16,909 --> 00:07:13,680

um and

179

00:07:18,770 --> 00:07:16,919

he says some fascinating things so I'm

180

00:07:20,330 --> 00:07:18,780

just wondering was he one of the more

181

00:07:25,550 --> 00:07:20,340

interesting guests that you've talked to

182

00:07:25,560 --> 00:07:29,230

foreign

183

00:07:34,850 --> 00:07:32,930

I think I I promise I'm not being or

184

00:07:36,770 --> 00:07:34,860

trying to be politically correct but

185

00:07:38,270 --> 00:07:36,780

each person that I interview on the UFO

186

00:07:39,650 --> 00:07:38,280

topic is interesting in their own way

187

00:07:42,350 --> 00:07:39,660

and I think you found that true and

188

00:07:44,150 --> 00:07:42,360

found that as well someone said to me

189

00:07:46,370 --> 00:07:44,160

that there's no

190

00:07:48,350 --> 00:07:46,380

there's only characters in the scene

191

00:07:50,450 --> 00:07:48,360

and I don't know why that is but it

192

00:07:52,070 --> 00:07:50,460

seems that that's the case Ross seems to

193

00:07:54,890 --> 00:07:52,080

be much more of the sober individual but

194

00:07:56,570 --> 00:07:54,900

they're many of the more public-facing

195

00:08:00,650 --> 00:07:56,580

ones are

196

00:08:03,230 --> 00:08:00,660

have have uncommon personalities

197

00:08:04,070 --> 00:08:03,240

so I find them interesting let me think

198

00:08:05,390 --> 00:08:04,080

if there were any that were

199

00:08:06,290 --> 00:08:05,400

uninteresting because I think that's a

200

00:08:08,150 --> 00:08:06,300

more

201  
00:08:16,909 --> 00:08:08,160  
act I can give an accurate answer to

202  
00:08:19,550 --> 00:08:18,770  
okay if I encounter one I'll let you

203  
00:08:24,770 --> 00:08:19,560  
know

204  
00:08:26,990 --> 00:08:24,780  
there's there's one one or two yeah that

205  
00:08:28,369 --> 00:08:27,000  
were that I call uninteresting but that

206  
00:08:29,930 --> 00:08:28,379  
don't mean that they're wrong or that I

207  
00:08:33,110 --> 00:08:29,940  
disbelieve them that just means that I

208  
00:08:36,170 --> 00:08:33,120  
was that you had Stephen Greer on which

209  
00:08:40,130 --> 00:08:36,180  
I kind of I'm not really kind to Stephen

210  
00:08:43,610 --> 00:08:40,140  
Greer and and on the show to too kind

211  
00:08:44,750 --> 00:08:43,620  
um but uh but you a lot of people uh as

212  
00:08:46,130 --> 00:08:44,760  
soon as you had them on and people

213  
00:08:47,630 --> 00:08:46,140

watched that show they said oh you got

214

00:08:51,410 --> 00:08:47,640

to watch this he really challenged him

215

00:08:54,710 --> 00:08:51,420

on a lot of things and so uh uh you did

216

00:08:57,110 --> 00:08:54,720

a nice job on that particular uh show I

217

00:09:00,110 --> 00:08:57,120

believe and and challenging him which I

218

00:09:01,310 --> 00:09:00,120

I think anyone you know that is out

219

00:09:03,470 --> 00:09:01,320

there claiming

220

00:09:05,329 --> 00:09:03,480

you know more or less that they know

221

00:09:08,030 --> 00:09:05,339

what's going on needs to be challenged

222

00:09:09,230 --> 00:09:08,040

in my opinion because I I personally

223

00:09:11,990 --> 00:09:09,240

think

224

00:09:13,550 --> 00:09:12,000

that we have no idea our government has

225

00:09:15,769 --> 00:09:13,560

no government so I don't believe really

226

00:09:18,470 --> 00:09:15,779

have a full understanding I saw that

227

00:09:20,389 --> 00:09:18,480

Ross kind of touched on that as well

228

00:09:23,570 --> 00:09:20,399

uh but they may know more than we know

229

00:09:24,949 --> 00:09:23,580

about the UFO topic

230

00:09:31,250 --> 00:09:24,959

yeah

231

00:09:33,889 --> 00:09:31,260

not my job my goal in any of the podcast

232

00:09:36,050 --> 00:09:33,899

is never to challenge a guest if that

233

00:09:38,389 --> 00:09:36,060

happens that just happens it's just

234

00:09:40,310 --> 00:09:38,399

questions happen questions occur to me

235

00:09:42,590 --> 00:09:40,320

and I ask them so don't go in thinking

236

00:09:44,150 --> 00:09:42,600

how can I disprove or approve a person I

237

00:09:46,490 --> 00:09:44,160

go in thinking how can I understand what

238

00:09:47,810 --> 00:09:46,500

they're saying and how can I if I if I

239

00:09:49,970 --> 00:09:47,820

don't understand it if there are gaps in

240

00:09:51,889 --> 00:09:49,980

my knowledge how can I fill them so with

241

00:09:53,570 --> 00:09:51,899

Stephen Greer I didn't intend to

242

00:09:54,949 --> 00:09:53,580

challenge him I also don't think I

243

00:09:56,810 --> 00:09:54,959

challenged him so I know some people are

244

00:09:58,670 --> 00:09:56,820

saying that my I think what they're

245

00:10:01,009 --> 00:09:58,680

referring to is he said

246

00:10:02,329 --> 00:10:01,019

I could explain the physics of this but

247

00:10:03,710 --> 00:10:02,339

your audience wouldn't understand that

248

00:10:05,509 --> 00:10:03,720

and I said okay well I don't think you

249

00:10:07,250 --> 00:10:05,519

know what show you're on that's why the

250

00:10:09,350 --> 00:10:07,260

audience is here at least the majority

251

00:10:10,790 --> 00:10:09,360

of them so please if you have that

252

00:10:12,949 --> 00:10:10,800

knowledge and then people were getting

253

00:10:14,269 --> 00:10:12,959

some people like stream minority of

254

00:10:15,470 --> 00:10:14,279

people are getting upset because they're

255

00:10:17,449 --> 00:10:15,480

saying you shouldn't have asked them to

256

00:10:19,250 --> 00:10:17,459

explain physics he's not a physicist

257

00:10:20,690 --> 00:10:19,260

I didn't say was a physicist I'm sorry

258

00:10:22,790 --> 00:10:20,700

he was the one who said that he could

259

00:10:24,410 --> 00:10:22,800

explain so that's what I was doing and

260

00:10:26,870 --> 00:10:24,420

that was that came across as a challenge

261

00:10:28,509 --> 00:10:26,880

I didn't intend it secondly there are

262

00:10:30,829 --> 00:10:28,519

many of his claims that I asked for

263

00:10:33,710 --> 00:10:30,839

quote-unquote evidence which which

264

00:10:35,210 --> 00:10:33,720

triggered him but I I take that as a

265

00:10:38,269 --> 00:10:35,220

fault on mine I need to improve as an

266

00:10:40,430 --> 00:10:38,279

interviewer because maybe he Maybe not

267

00:10:41,570 --> 00:10:40,440

maybe my demeanor came across as

268

00:10:43,370 --> 00:10:41,580

disbelieving and perhaps even

269

00:10:45,350 --> 00:10:43,380

disparaging and I apologize to that

270

00:10:47,810 --> 00:10:45,360

Stephen if you're watching and I I

271

00:10:49,790 --> 00:10:47,820

didn't mean it to be that way so that's

272

00:10:52,670 --> 00:10:49,800

just my fault I need to work on that

273

00:10:54,290 --> 00:10:52,680

yeah well no I think I think that was uh

274

00:10:57,230 --> 00:10:54,300

I think that was that's exactly what

275

00:10:59,569 --> 00:10:57,240

they were talking about and uh yeah it's

276

00:11:01,790 --> 00:10:59,579

uh there's a lot of times I've said that

277

00:11:03,769 --> 00:11:01,800

too you know I've had uh people on the

278

00:11:06,110 --> 00:11:03,779

show that have made extraordinary claims

279

00:11:08,210 --> 00:11:06,120

and you know I had a woman

280

00:11:10,910 --> 00:11:08,220

on the show that claims she was riding

281

00:11:13,970 --> 00:11:10,920

through the rings of Saturn you know

282

00:11:16,130 --> 00:11:13,980

um and I basically had to end this show

283

00:11:18,110 --> 00:11:16,140

early it was a live show

284

00:11:20,210 --> 00:11:18,120

um I just you know I mean it was just

285

00:11:22,370 --> 00:11:20,220

going out there a little too far from I

286

00:11:27,190 --> 00:11:22,380

wasn't I was uncomfortable with it how

287

00:11:32,389 --> 00:11:29,630

in the softest way I could

288

00:11:34,130 --> 00:11:32,399

and uh I just said well that's gonna do

289

00:11:36,530 --> 00:11:34,140

it for the show you know tonight and

290

00:11:38,870 --> 00:11:36,540

okay so she wasn't offended

291

00:11:40,610 --> 00:11:38,880

uh I talked to her afterwards and kind

292

00:11:42,470 --> 00:11:40,620

of smoothed it over a little bit okay so

293

00:11:43,910 --> 00:11:42,480

she was there was some umbrage there I

294

00:11:47,329 --> 00:11:43,920

was wondering why I cut the show short

295

00:11:51,170 --> 00:11:47,339

yeah she was on with a with a guest uh

296

00:11:52,730 --> 00:11:51,180

uh with a co-guest so anyway but that's

297

00:11:54,290 --> 00:11:52,740

uh there was only a couple times that

298

00:11:59,269 --> 00:11:54,300

I've done that in you know over 10 years

299

00:12:02,030 --> 00:11:59,279

so 11 years now and uh I I guess uh as

300

00:12:04,910 --> 00:12:02,040

far as this subject goes when it comes

301  
00:12:05,810 --> 00:12:04,920  
to UFOs UAP whatever you'd like to call

302  
00:12:08,569 --> 00:12:05,820  
them

303  
00:12:11,030 --> 00:12:08,579  
do you think that there's uh any one

304  
00:12:12,949 --> 00:12:11,040  
Theory over another that these things

305  
00:12:14,389 --> 00:12:12,959  
could be or do you think they could be a

306  
00:12:15,650 --> 00:12:14,399  
multiple of things that people are

307  
00:12:18,829 --> 00:12:15,660  
seeing

308  
00:12:18,839 --> 00:12:22,190  
I think that

309  
00:12:27,230 --> 00:12:24,290  
I so I don't favor one Theory over the

310  
00:12:29,750 --> 00:12:27,240  
others I I find flaws

311  
00:12:31,250 --> 00:12:29,760  
like six blemishes if I think about a

312  
00:12:32,569 --> 00:12:31,260  
single theory for a minute I just see

313  
00:12:33,769 --> 00:12:32,579

that's what I mentioned that I that's

314

00:12:35,569 --> 00:12:33,779

what I meant when I said that I have

315

00:12:37,490 --> 00:12:35,579

questions they occur to me and I don't

316

00:12:39,110 --> 00:12:37,500

get to cite them all or recite them all

317

00:12:40,130 --> 00:12:39,120

sorry I don't get to bring them up to

318

00:12:42,350 --> 00:12:40,140

the guests

319

00:12:44,690 --> 00:12:42,360

so I just find flaws with virtually

320

00:12:46,490 --> 00:12:44,700

every interpretation which either means

321

00:12:48,110 --> 00:12:46,500

that there are flaws which I think is

322

00:12:49,850 --> 00:12:48,120

the case but it also means that I don't

323

00:12:50,930 --> 00:12:49,860

understand them or also could mean I

324

00:12:52,670 --> 00:12:50,940

don't understand them which which I

325

00:12:55,129 --> 00:12:52,680

think is the case so that's why I need

326

00:12:57,590 --> 00:12:55,139

to work harder to understanding these

327

00:13:00,050 --> 00:12:57,600

theories and then thirdly that we don't

328

00:13:01,490 --> 00:13:00,060

have complete information which I think

329

00:13:04,550 --> 00:13:01,500

is the one

330

00:13:06,110 --> 00:13:04,560

fact fact that we can that virtually

331

00:13:08,509 --> 00:13:06,120

everyone agrees on we don't have

332

00:13:10,670 --> 00:13:08,519

complete information on this yes

333

00:13:13,190 --> 00:13:10,680

yes thought that's why it's difficult

334

00:13:16,550 --> 00:13:13,200

for me to favor a theory over another in

335

00:13:19,069 --> 00:13:16,560

that in that way though how how would

336

00:13:20,449 --> 00:13:19,079

you as as a scientist yourself how would

337

00:13:25,129 --> 00:13:20,459

you

338

00:13:27,170 --> 00:13:25,139

suggest that people are looking into

339

00:13:30,230 --> 00:13:27,180

this topic are trying to get data for

340

00:13:32,150 --> 00:13:30,240

this for for what is occurring I mean

341

00:13:34,310 --> 00:13:32,160

it's such a so

342

00:13:36,290 --> 00:13:34,320

yeah yeah given that it's not replicable

343

00:13:39,110 --> 00:13:36,300

right it doesn't seem like it is however

344

00:13:41,030 --> 00:13:39,120

there is ce5 that some people claim is

345

00:13:43,730 --> 00:13:41,040

something that can be verified and

346

00:13:45,889 --> 00:13:43,740

repeated I don't know but that's the

347

00:13:49,910 --> 00:13:45,899

claim and many people who aren't even in

348

00:13:51,710 --> 00:13:49,920

the Stephen Greer Camp claim that so I

349

00:13:54,170 --> 00:13:51,720

would say that the best way to gather

350

00:13:56,150 --> 00:13:54,180

data in this is twofold one is to

351  
00:14:01,370 --> 00:13:56,160  
perform ce5 near

352  
00:14:02,870 --> 00:14:01,380  
some some of the X some of the

353  
00:14:04,610 --> 00:14:02,880  
uh

354  
00:14:06,530 --> 00:14:04,620  
instruments some of the instruments of

355  
00:14:09,710 --> 00:14:06,540  
the Galileo project

356  
00:14:11,569 --> 00:14:09,720  
and then secondly apparently there are

357  
00:14:13,009 --> 00:14:11,579  
some hot spots

358  
00:14:16,190 --> 00:14:13,019  
yes

359  
00:14:17,949 --> 00:14:16,200  
so why not launch a private all requires

360  
00:14:21,650 --> 00:14:17,959  
billions or a million at least at least

361  
00:14:24,110 --> 00:14:21,660  
why not launch a private satellite

362  
00:14:26,150 --> 00:14:24,120  
to monitor some of these

363  
00:14:26,810 --> 00:14:26,160

hot spots and live stream it if it could

364

00:14:28,490 --> 00:14:26,820

be

365

00:14:30,230 --> 00:14:28,500

that's what I meant that's like the

366

00:14:33,290 --> 00:14:30,240

easiest that come to mind

367

00:14:34,970 --> 00:14:33,300

yeah study this scientifically it has to

368

00:14:37,310 --> 00:14:34,980

be streamed because otherwise you get

369

00:14:39,110 --> 00:14:37,320

like even for instance the

370

00:14:40,610 --> 00:14:39,120

the Large Hadron Collider which by the

371

00:14:43,069 --> 00:14:40,620

way costs multi-million so it's not as

372

00:14:45,530 --> 00:14:43,079

if this is some project that's unheard

373

00:14:47,810 --> 00:14:45,540

of there's a president for it even that

374

00:14:49,550 --> 00:14:47,820

the data is classified sorry that's

375

00:14:51,170 --> 00:14:49,560

false even that the data is not released

376

00:14:53,150 --> 00:14:51,180

because there's terabytes terabytes or

377

00:14:54,230 --> 00:14:53,160

petabytes there's so much data they have

378

00:14:55,910 --> 00:14:54,240

to compress it they have to use

379

00:14:56,889 --> 00:14:55,920

algorithms so you don't get to see the

380

00:14:59,329 --> 00:14:56,899

data

381

00:15:01,490 --> 00:14:59,339

somehow we need to be able to see the

382

00:15:03,350 --> 00:15:01,500

data for a private satellite that's

383

00:15:04,730 --> 00:15:03,360

launched and everyone needs to be able

384

00:15:07,069 --> 00:15:04,740

to have access to that now I don't know

385

00:15:09,250 --> 00:15:07,079

how that works in terms of logistics

386

00:15:11,389 --> 00:15:09,260

but

387

00:15:13,670 --> 00:15:11,399

conceivably can be done

388

00:15:16,970 --> 00:15:13,680

yeah there are a few people that are are

389

00:15:18,170 --> 00:15:16,980

kind of going along that line that are

390

00:15:23,329 --> 00:15:18,180

trying to

391

00:15:25,490 --> 00:15:23,339

think what it's called it's it's open

392

00:15:28,370 --> 00:15:25,500

it's open what do they call like open

393

00:15:29,629 --> 00:15:28,380

software or whatever it is oh yeah so

394

00:15:32,629 --> 00:15:29,639

there are people that are trying to put

395

00:15:34,670 --> 00:15:32,639

things like that together and uh where

396

00:15:36,710 --> 00:15:34,680

everyone could have not everyone but

397

00:15:38,870 --> 00:15:36,720

people that are involved in this can

398

00:15:42,470 --> 00:15:38,880

have some type of equipment equipment at

399

00:15:44,750 --> 00:15:42,480

their home and like you say if something

400

00:15:47,329 --> 00:15:44,760

is caught you know that is not

401  
00:15:49,250 --> 00:15:47,339  
explainable that can be seen then they

402  
00:15:51,230 --> 00:15:49,260  
could live stream it to you know

403  
00:15:54,170 --> 00:15:51,240  
basically everyone else that's involved

404  
00:15:56,210 --> 00:15:54,180  
and I think it's free for anyone I can't

405  
00:15:58,370 --> 00:15:56,220  
remember the name of it people may ask

406  
00:16:01,370 --> 00:15:58,380  
me that so if I figure that out I could

407  
00:16:04,310 --> 00:16:01,380  
put it in the show notes but uh there is

408  
00:16:05,810 --> 00:16:04,320  
that service that is out there as far as

409  
00:16:07,970 --> 00:16:05,820  
I know it's already been established

410  
00:16:10,189 --> 00:16:07,980  
where people are are setting up all over

411  
00:16:13,670 --> 00:16:10,199  
and um you know and

412  
00:16:15,949 --> 00:16:13,680  
there are a lot of there are a lot of

413  
00:16:17,990 --> 00:16:15,959

people that just say there's nothing to

414

00:16:20,329 --> 00:16:18,000

this you know for instance

415

00:16:22,310 --> 00:16:20,339

um Neil deGrasse Tyson you hear him

416

00:16:23,930 --> 00:16:22,320

often like just say there's there's

417

00:16:27,290 --> 00:16:23,940

nothing and he goes on and on about

418

00:16:29,569 --> 00:16:27,300

there's you know eight billion

419

00:16:31,310 --> 00:16:29,579

uh cell phones out there why don't we

420

00:16:33,050 --> 00:16:31,320

have a crystal clear picture and you

421

00:16:35,689 --> 00:16:33,060

know I mean and then just the military

422

00:16:37,550 --> 00:16:35,699

is seeing these things and you know all

423

00:16:41,629 --> 00:16:37,560

like that and so I guess I want to ask

424

00:16:44,810 --> 00:16:41,639

you uh I considered that close-minded

425

00:16:47,569 --> 00:16:44,820

and not really scientific to just

426

00:16:49,670 --> 00:16:47,579

pass it all off like that

427

00:16:52,189 --> 00:16:49,680

um you know I'm using him as an example

428

00:16:54,050 --> 00:16:52,199

but uh you know what do you think about

429

00:16:57,530 --> 00:16:54,060

that don't you think that science should

430

00:16:59,389 --> 00:16:57,540

be open to at least exploring what all

431

00:17:01,370 --> 00:16:59,399

these people are seeing

432

00:17:04,549 --> 00:17:01,380

and there is some data for

433

00:17:06,289 --> 00:17:04,559

I think it's a form of for I have to be

434

00:17:07,429 --> 00:17:06,299

careful because I would like to get Neil

435

00:17:10,130 --> 00:17:07,439

on the podcast

436

00:17:13,669 --> 00:17:10,140

yeah but okay let me let me burn some

437

00:17:16,730 --> 00:17:13,679

bridges I think it would be I think it's

438

00:17:19,010 --> 00:17:16,740

an example of scientific grandstanding I

439

00:17:21,289 --> 00:17:19,020

don't believe he means what he says I

440

00:17:23,929 --> 00:17:21,299

think that he says that

441

00:17:26,150 --> 00:17:23,939

or and people like else speak broadly I

442

00:17:27,949 --> 00:17:26,160

think people like to say that to give

443

00:17:30,710 --> 00:17:27,959

off an error that they're rational and

444

00:17:32,090 --> 00:17:30,720

thus Superior in some Manner and I don't

445

00:17:33,710 --> 00:17:32,100

think that he believes what he's saying

446

00:17:35,210 --> 00:17:33,720

because you can ask him a set of

447

00:17:37,850 --> 00:17:35,220

questions which I don't want to ask here

448

00:17:41,210 --> 00:17:37,860

because I don't it's it's a force I

449

00:17:44,210 --> 00:17:41,220

don't want him to well I want to ask it

450

00:17:47,390 --> 00:17:44,220

to him directly but essentially

451

00:17:49,070 --> 00:17:47,400

Neil if you believe that

452

00:17:51,590 --> 00:17:49,080

like what is it precisely that you're

453

00:17:53,270 --> 00:17:51,600

saying no to firstly Define it secondly

454

00:17:55,070 --> 00:17:53,280

give the probabilities thirdly let's bet

455

00:17:57,470 --> 00:17:55,080

on it and I'm willing to put some money

456

00:17:59,810 --> 00:17:57,480

up and I want I wonder if he is as well

457

00:18:01,730 --> 00:17:59,820

so if you that's to me the true test of

458

00:18:04,010 --> 00:18:01,740

a belief are you willing to put some

459

00:18:06,770 --> 00:18:04,020

money against it and then the odds have

460

00:18:08,810 --> 00:18:06,780

to be like bookie odds Booker bookie

461

00:18:10,850 --> 00:18:08,820

yeah like a bookie that is to say

462

00:18:12,289 --> 00:18:10,860

imagine he says 99 to 1. well then that

463

00:18:14,690 --> 00:18:12,299

means Neil that if I put up a hundred

464

00:18:16,130 --> 00:18:14,700

dollars and you put up 9 900 you believe

465

00:18:18,470 --> 00:18:16,140

this to be a fair bet

466

00:18:19,850 --> 00:18:18,480

okay so let's do that and if you want to

467

00:18:22,070 --> 00:18:19,860

make it even more interesting let's do

468

00:18:23,870 --> 00:18:22,080

it as a percentage of income so that's

469

00:18:26,390 --> 00:18:23,880

actually more fair so let's do that oh

470

00:18:28,970 --> 00:18:26,400

yeah you truly believe it's 99 99 200

471

00:18:30,470 --> 00:18:28,980

99.999 to one then I'm going to put up a

472

00:18:32,390 --> 00:18:30,480

dollar and you put up a million and you

473

00:18:34,789 --> 00:18:32,400

think that that's and that should be

474

00:18:36,710 --> 00:18:34,799

fair so that's what I would say

475

00:18:39,529 --> 00:18:36,720

yeah and look imagine he doesn't imagine

476

00:18:42,590 --> 00:18:39,539

he then backpedals and says okay it's 80

477

00:18:44,810 --> 00:18:42,600

to 20. okay well then it doesn't deserve

478

00:18:46,730 --> 00:18:44,820

the same derisive attitude 80 to 20

479

00:18:47,990 --> 00:18:46,740

there are pills that you're not even

480

00:18:50,510 --> 00:18:48,000

allowed to touch as a pregnant woman

481

00:18:52,430 --> 00:18:50,520

because it has a one point or zero point

482

00:18:54,110 --> 00:18:52,440

zero zero two percent chance of causing

483

00:18:55,789 --> 00:18:54,120

some damage to your fetus so you're not

484

00:18:59,770 --> 00:18:55,799

even allowed to touch that pill let

485

00:19:03,049 --> 00:18:59,780

alone swallow it so you're saying that

486

00:19:05,870 --> 00:19:03,059

you're scorning a whole not generation

487

00:19:09,350 --> 00:19:05,880

but a whole set of people and I'm being

488

00:19:12,350 --> 00:19:09,360

snide and so on for a 80 to 20 chance

489

00:19:13,970 --> 00:19:12,360

there's so okay so there's so much I

490

00:19:15,350 --> 00:19:13,980

have to say but I'd rather save it for a

491

00:19:19,130 --> 00:19:15,360

conversation with them

492

00:19:21,650 --> 00:19:19,140

yeah yeah there's a there's a video out

493

00:19:22,730 --> 00:19:21,660

there where he says something like

494

00:19:24,529 --> 00:19:22,740

um

495

00:19:27,590 --> 00:19:24,539

you need to know

496

00:19:29,810 --> 00:19:27,600

in science uh when you don't know you

497

00:19:31,669 --> 00:19:29,820

need to be smart enough to say that you

498

00:19:35,390 --> 00:19:31,679

don't know which I agree with

499

00:19:37,610 --> 00:19:35,400

and and then yet he goes on and and

500

00:19:40,010 --> 00:19:37,620

claims he knows everything about UFOs

501  
00:19:42,470 --> 00:19:40,020  
that they're not you know they're uh

502  
00:19:44,090 --> 00:19:42,480  
they're not real they're not uh oh he

503  
00:19:47,870 --> 00:19:44,100  
makes an argument which I think is again

504  
00:19:49,010 --> 00:19:47,880  
a fallacious one or at least it's a

505  
00:19:53,810 --> 00:19:49,020  
it's

506  
00:19:55,010 --> 00:19:53,820  
look unidentified means unidentified you

507  
00:19:57,169 --> 00:19:55,020  
see something you don't all of a sudden

508  
00:19:58,909 --> 00:19:57,179  
jump to aliens I see a blur in the sky

509  
00:20:01,070 --> 00:19:58,919  
therefore aliens that's not how it works

510  
00:20:02,270 --> 00:20:01,080  
though Neil it's not just that you see

511  
00:20:04,070 --> 00:20:02,280  
something in the sky and you jump to

512  
00:20:05,810 --> 00:20:04,080  
aliens it's that you see something in

513  
00:20:07,850 --> 00:20:05,820

the sky and is correlated with what many

514

00:20:09,890 --> 00:20:07,860

other people see it's correlated with

515

00:20:11,570 --> 00:20:09,900

other sorts of experiences it's

516

00:20:13,970 --> 00:20:11,580

correlated with

517

00:20:16,930 --> 00:20:13,980

say cattle mutilations it's correlated

518

00:20:19,370 --> 00:20:16,940

with plenty else and

519

00:20:21,110 --> 00:20:19,380

if not all correlated it's not as if

520

00:20:22,370 --> 00:20:21,120

every time you see your voice you find a

521

00:20:24,770 --> 00:20:22,380

cattle mutilated but I'm saying there's

522

00:20:26,390 --> 00:20:24,780

correlations so it's not merely you see

523

00:20:28,070 --> 00:20:26,400

something and thus you jump

524

00:20:29,690 --> 00:20:28,080

quote-unquote jump to the conclusion

525

00:20:32,090 --> 00:20:29,700

that is therefore

526

00:20:33,770 --> 00:20:32,100

aliens and also it's unclear if it's

527

00:20:35,270 --> 00:20:33,780

just aliens it's not as if that's the

528

00:20:36,890 --> 00:20:35,280

only Theory going around in these

529

00:20:39,169 --> 00:20:36,900

circles yes right it's not even clear

530

00:20:41,270 --> 00:20:39,179

what alien means doesn't mean time

531

00:20:42,710 --> 00:20:41,280

traveling people well that's difficult

532

00:20:45,789 --> 00:20:42,720

to verify it's difficult to understand

533

00:20:48,409 --> 00:20:45,799

what that means without breaking well

534

00:20:50,810 --> 00:20:48,419

yes without breaking certain laws of

535

00:20:52,549 --> 00:20:50,820

physics but even that's dubious because

536

00:20:54,230 --> 00:20:52,559

you can have closed time like curves and

537

00:20:56,029 --> 00:20:54,240

general relativity it's just there's

538

00:20:57,950 --> 00:20:56,039

certain problems with

539

00:20:59,810 --> 00:20:57,960

with time traveling but then there are

540

00:21:04,250 --> 00:20:59,820

other the point is

541

00:21:06,830 --> 00:21:04,260

that that is not simply you see some

542

00:21:09,169 --> 00:21:06,840

object in the sky and then you

543

00:21:10,549 --> 00:21:09,179

conclude that it's thus some

544

00:21:12,830 --> 00:21:10,559

extraterrestrial

545

00:21:15,169 --> 00:21:12,840

but that's what he's that's what he's

546

00:21:17,690 --> 00:21:15,179

saying that or I don't want to speak

547

00:21:20,090 --> 00:21:17,700

about him because I'd rather speak to

548

00:21:23,390 --> 00:21:20,100

him but that's what some people in the

549

00:21:25,310 --> 00:21:23,400

skeptic Community claim is going on and

550

00:21:27,890 --> 00:21:25,320

I don't think that's fair I don't think

551

00:21:29,930 --> 00:21:27,900

it's fair either because there's a lot

552

00:21:33,770 --> 00:21:29,940

of the people I talk to about this

553

00:21:36,590 --> 00:21:33,780

subject are not saying that that's what

554

00:21:38,270 --> 00:21:36,600

it is you know a lot of people say that

555

00:21:40,310 --> 00:21:38,280

they have no idea what it is other than

556

00:21:42,289 --> 00:21:40,320

you know there was something there you

557

00:21:44,990 --> 00:21:42,299

know they're not saying

558

00:21:46,730 --> 00:21:45,000

um you know extraterrestrial I'm I'm I

559

00:21:48,529 --> 00:21:46,740

think that's a very good possibility but

560

00:21:50,690 --> 00:21:48,539

I don't know if you know myself my own

561

00:21:52,549 --> 00:21:50,700

opinion that is a very good possibility

562

00:21:54,890 --> 00:21:52,559

that that's what it is but it could be

563

00:21:57,110 --> 00:21:54,900

so many other things you know I mean

564

00:21:58,570 --> 00:21:57,120

like you mentioned the time travel is

565

00:22:01,370 --> 00:21:58,580

one of the theories that are out there

566

00:22:04,730 --> 00:22:01,380

interdimensional is another one

567

00:22:08,270 --> 00:22:04,740

um you know and then uh I had uh the

568

00:22:10,010 --> 00:22:08,280

next CIA officer last week who thinks

569

00:22:13,010 --> 00:22:10,020

that it's something that's always been

570

00:22:15,350 --> 00:22:13,020

here you know before us and uh Still

571

00:22:16,250 --> 00:22:15,360

Still Remains here and around we're the

572

00:22:19,789 --> 00:22:16,260

foreigners

573

00:22:22,970 --> 00:22:19,799

the ones that proceeded or whatever

574

00:22:25,789 --> 00:22:22,980

which uh it's all fat to me it's one of

575

00:22:27,590 --> 00:22:25,799

the reasons I keep doing this show I

576

00:22:30,230 --> 00:22:27,600

really enjoy doing the show because I

577

00:22:32,870 --> 00:22:30,240

get to hear all these ideas and things

578

00:22:35,870 --> 00:22:32,880

and and you know after all these years

579

00:22:39,350 --> 00:22:35,880

of doing this and over 500 and well

580

00:22:43,190 --> 00:22:39,360

you're I think you're 537 for the guest

581

00:22:45,909 --> 00:22:43,200

um I I don't really know 137 guests yeah

582

00:22:49,130 --> 00:22:45,919

I really don't know anymore

583

00:22:52,130 --> 00:22:49,140

at this point you know it's just uh it's

584

00:22:54,049 --> 00:22:52,140

still very exciting to me because

585

00:22:56,630 --> 00:22:54,059

you know I I like to hear about the

586

00:22:58,909 --> 00:22:56,640

actual incidents as well that really

587

00:23:02,210 --> 00:22:58,919

fascinates me a lot you know because

588

00:23:05,450 --> 00:23:02,220

some of them are so bizarre they make

589

00:23:06,049 --> 00:23:05,460

no sense at all which

590

00:23:09,169 --> 00:23:06,059

um

591

00:23:12,409 --> 00:23:09,179

to me almost makes them even stronger

592

00:23:14,990 --> 00:23:12,419

you know like uh pass out just bizarre

593

00:23:17,690 --> 00:23:15,000

things uh because it doesn't sound it

594

00:23:20,870 --> 00:23:17,700

doesn't appear like it's anything that

595

00:23:23,750 --> 00:23:20,880

um could be made up or I I I'd like to

596

00:23:26,270 --> 00:23:23,760

when I meet someone that

597

00:23:29,090 --> 00:23:26,280

is outside of the UFO world or whatever

598

00:23:31,789 --> 00:23:29,100

and I happen to bring up a topic that

599

00:23:33,230 --> 00:23:31,799

you know it kind of feeds into this and

600

00:23:36,590 --> 00:23:33,240

I say well by the way I do a show on

601  
00:23:38,750 --> 00:23:36,600  
UFOs oh well let me tell you about this

602  
00:23:41,990 --> 00:23:38,760  
story and they I've heard some just

603  
00:23:43,850 --> 00:23:42,000  
amazing stories that are so bizarre and

604  
00:23:45,950 --> 00:23:43,860  
almost don't even make any sense you

605  
00:23:47,870 --> 00:23:45,960  
know I mean I'll just give a quick

606  
00:23:49,549 --> 00:23:47,880  
example I mean this is my show I know

607  
00:23:52,669 --> 00:23:49,559  
I've talked about it before on my show

608  
00:23:55,370 --> 00:23:52,679  
but I was out in Phoenix at a conference

609  
00:23:57,470 --> 00:23:55,380  
out there and there was a

610  
00:23:59,990 --> 00:23:57,480  
uh I was walking my dog and there was a

611  
00:24:02,270 --> 00:24:00,000  
girl out that worked the

612  
00:24:04,730 --> 00:24:02,280  
um casino that was outside

613  
00:24:06,169 --> 00:24:04,740

uh smoking cigarette and she said what's

614

00:24:08,990 --> 00:24:06,179

going on in there and I said well it's a

615

00:24:10,610 --> 00:24:09,000

UFO conference and she goes oh wow geez

616

00:24:11,990 --> 00:24:10,620

maybe I should check that out and then

617

00:24:13,789 --> 00:24:12,000

she started telling me the story she

618

00:24:16,850 --> 00:24:13,799

said her and her friend were driving

619

00:24:20,390 --> 00:24:16,860

past the Mesa and they saw this like

620

00:24:22,669 --> 00:24:20,400

triangular thing like lift off and kind

621

00:24:25,130 --> 00:24:22,679

of float toward them and then it was

622

00:24:27,049 --> 00:24:25,140

directly over their car and then it

623

00:24:29,750 --> 00:24:27,059

blasted like this bright light down

624

00:24:31,490 --> 00:24:29,760

inside their car and they sped up to

625

00:24:32,930 --> 00:24:31,500

like 100 miles an hour

626

00:24:36,590 --> 00:24:32,940

and

627

00:24:39,289 --> 00:24:36,600

just right over the top of the car the

628

00:24:41,690 --> 00:24:39,299

whole time and so they like went off on

629

00:24:43,970 --> 00:24:41,700

side roads or something like that and

630

00:24:46,190 --> 00:24:43,980

she said and it was gone it just

631

00:24:47,990 --> 00:24:46,200

vanished and then she said all of a

632

00:24:49,430 --> 00:24:48,000

sudden the biggest owl I've ever seen in

633

00:24:51,710 --> 00:24:49,440

my life was right there in front of the

634

00:24:53,570 --> 00:24:51,720

car now something so weird that doesn't

635

00:24:56,090 --> 00:24:53,580

make any sense

636

00:24:57,950 --> 00:24:56,100

I just think that is just an incredible

637

00:25:01,669 --> 00:24:57,960

thing and and other people have talked

638

00:25:03,110 --> 00:25:01,679

about owls and here's this this girl I'm

639

00:25:05,450 --> 00:25:03,120

talking to that

640

00:25:07,970 --> 00:25:05,460

has never looked into the UFO topic just

641

00:25:09,649 --> 00:25:07,980

had that one event and there's a lot of

642

00:25:12,710 --> 00:25:09,659

there's a lot of interesting stories

643

00:25:16,250 --> 00:25:12,720

like that uh you know that make no sense

644

00:25:19,930 --> 00:25:16,260

I love the ones that make no sense

645

00:25:22,010 --> 00:25:19,940

you know it's just very curious

646

00:25:23,630 --> 00:25:22,020

does she

647

00:25:26,149 --> 00:25:23,640

was she able to explain how she could

648

00:25:29,029 --> 00:25:26,159

see it above her car because yeah she

649

00:25:32,450 --> 00:25:29,039

had a wife she had a uh well it came in

650

00:25:34,130 --> 00:25:32,460

from the the she had a sunroof and it

651

00:25:35,870 --> 00:25:34,140

came in that way but she saw it like

652

00:25:38,330 --> 00:25:35,880

first of all she saw it over the they

653

00:25:40,850 --> 00:25:38,340

could see it was over the car itself and

654

00:25:43,370 --> 00:25:40,860

then the light came down and lit it up

655

00:25:45,649 --> 00:25:43,380

like uh like a blast of light the whole

656

00:25:47,750 --> 00:25:45,659

car was very very bright inside and it

657

00:25:49,549 --> 00:25:47,760

was turned during the day it wasn't an

658

00:25:53,390 --> 00:25:49,559

evening sighting either

659

00:25:55,250 --> 00:25:53,400

so yeah it's really bizarre yeah again

660

00:25:56,690 --> 00:25:55,260

makes makes no sense but those are the

661

00:25:58,970 --> 00:25:56,700

ones I like

662

00:26:02,330 --> 00:25:58,980

yeah yeah

663

00:26:04,370 --> 00:26:02,340

um so as far as uh you know we're going

664

00:26:07,310 --> 00:26:04,380

to talk about other other topics as well

665

00:26:09,710 --> 00:26:07,320

besides UFO topic but what do you think

666

00:26:14,750 --> 00:26:09,720

about the uh us government's involvement

667

00:26:19,130 --> 00:26:16,250

well

668

00:26:21,230 --> 00:26:19,140

it's it's either an admission

669

00:26:25,490 --> 00:26:21,240

or its obfuscation

670

00:26:28,610 --> 00:26:25,500

another one's interesting to me yeah

671

00:26:30,529 --> 00:26:28,620

yeah that that that's uh something I

672

00:26:33,169 --> 00:26:30,539

never really thought of but you know uh

673

00:26:36,049 --> 00:26:33,179

some people have said that in the UFO

674

00:26:38,630 --> 00:26:36,059

world that they think that you know this

675

00:26:40,490 --> 00:26:38,640

is just window dressing and

676

00:26:43,070 --> 00:26:40,500

um and just hoping you know people go

677

00:26:46,070 --> 00:26:43,080

away after they get some answers and not

678

00:26:48,350 --> 00:26:46,080

really uh get too many you know enough

679

00:26:50,029 --> 00:26:48,360

out there and we've been told this a

680

00:26:51,529 --> 00:26:50,039

number of times that you know it's being

681

00:26:54,169 --> 00:26:51,539

looked into and

682

00:26:56,090 --> 00:26:54,179

over the over the decades Project Blue

683

00:26:58,130 --> 00:26:56,100

Book the Condon

684

00:27:00,470 --> 00:26:58,140

um commission or whatever that was

685

00:27:02,990 --> 00:27:00,480

called so there's been a number of times

686

00:27:05,210 --> 00:27:03,000

that there's there feels like there's

687

00:27:07,789 --> 00:27:05,220

going to be some type of Promise of

688

00:27:10,669 --> 00:27:07,799

understanding this but I really don't

689

00:27:12,010 --> 00:27:10,679

think that they understand that's my own

690

00:27:14,870 --> 00:27:12,020

opinion

691

00:27:18,649 --> 00:27:14,880

yeah I get that feeling as well

692

00:27:20,870 --> 00:27:18,659

yeah I mean if if they had to

693

00:27:23,090 --> 00:27:20,880

say to

694

00:27:25,789 --> 00:27:23,100

to the United States you know the the

695

00:27:28,070 --> 00:27:25,799

people of the United States like we

696

00:27:31,610 --> 00:27:28,080

really don't know what it is

697

00:27:33,110 --> 00:27:31,620

uh that's flying around in the sky that

698

00:27:36,350 --> 00:27:33,120

people are seeing we have no idea what

699

00:27:38,450 --> 00:27:36,360

it is I think that would be that would

700

00:27:41,090 --> 00:27:38,460

raise a lot of fear in a lot of people

701  
00:27:44,269 --> 00:27:41,100  
and I don't think they'll ever say that

702  
00:27:45,890 --> 00:27:44,279  
hmm I don't know I I imagine that the

703  
00:27:47,570 --> 00:27:45,900  
panic quote-unquote panic would be

704  
00:27:48,649 --> 00:27:47,580  
momentary for that if they just said

705  
00:27:50,269 --> 00:27:48,659  
there are

706  
00:27:52,430 --> 00:27:50,279  
objects in the sky and we don't know

707  
00:27:54,289 --> 00:27:52,440  
what they are I don't know if that would

708  
00:27:55,909 --> 00:27:54,299  
cause extreme Panic or if it would be

709  
00:27:57,710 --> 00:27:55,919  
Panic that would be prolonged I think

710  
00:27:59,870 --> 00:27:57,720  
that's an excuse unless they have

711  
00:28:02,090 --> 00:27:59,880  
something else that I don't that it

712  
00:28:03,710 --> 00:28:02,100  
doesn't occur to me I don't know I don't

713  
00:28:05,149 --> 00:28:03,720

buy that as an excuse I don't think it

714

00:28:06,289 --> 00:28:05,159

would happen and I just don't buy it as

715

00:28:07,850 --> 00:28:06,299

an excuse

716

00:28:12,049 --> 00:28:07,860

but again

717

00:28:13,669 --> 00:28:12,059

I don't know I'm learning and

718

00:28:15,350 --> 00:28:13,679

I don't know

719

00:28:17,269 --> 00:28:15,360

I don't buy it

720

00:28:19,850 --> 00:28:17,279

yeah yeah

721

00:28:22,450 --> 00:28:19,860

um so if have you yourself ever had a

722

00:28:27,350 --> 00:28:22,460

UFO sighting or anyone you know

723

00:28:30,470 --> 00:28:27,360

not that I know of so maybe but

724

00:28:32,269 --> 00:28:30,480

yeah and what about when you have done

725

00:28:35,750 --> 00:28:32,279

shows on UFOs have you ever been

726

00:28:36,950 --> 00:28:35,760

contacted by yes you know someone that

727

00:28:39,769 --> 00:28:36,960

said hey look I want to talk to you

728

00:28:44,269 --> 00:28:39,779

about this sighting I had that's that's

729

00:28:46,370 --> 00:28:44,279

I get numerous emails yeah still like

730

00:28:48,230 --> 00:28:46,380

even months after a show it's been

731

00:28:50,510 --> 00:28:48,240

months since or it's been one and a half

732

00:28:52,430 --> 00:28:50,520

months since the Stephen Greer and then

733

00:28:55,130 --> 00:28:52,440

months before that since the last UFO

734

00:28:58,669 --> 00:28:55,140

themed show on the on the toe Channel

735

00:29:00,890 --> 00:28:58,679

yeah and I get them maybe every day

736

00:29:04,490 --> 00:29:00,900

huh isn't that something I get I get

737

00:29:06,950 --> 00:29:04,500

quite a few as well and I have a forum

738

00:29:10,070 --> 00:29:06,960

on my website that people can fill out

739

00:29:12,169 --> 00:29:10,080

you know anonymously uh actually got

740

00:29:14,269 --> 00:29:12,179

hacked so but I do have a way for people

741

00:29:16,669 --> 00:29:14,279

to to uh post

742

00:29:18,230 --> 00:29:16,679

um on my website uh when they wanna when

743

00:29:19,909 --> 00:29:18,240

they want to talk anonymously about

744

00:29:21,409 --> 00:29:19,919

their their sighting just to let them

745

00:29:23,389 --> 00:29:21,419

you know get it out there a lot of

746

00:29:24,649 --> 00:29:23,399

people just want to be heard that's why

747

00:29:27,649 --> 00:29:24,659

you get that's why you're getting the

748

00:29:30,830 --> 00:29:27,659

emails they want to share and get it off

749

00:29:32,570 --> 00:29:30,840

their chest or whatever so right I bet

750

00:29:34,010 --> 00:29:32,580

you get some interesting ones come

751  
00:29:36,590 --> 00:29:34,020  
through

752  
00:29:39,710 --> 00:29:36,600  
it it's at the plane I can't read them

753  
00:29:43,190 --> 00:29:39,720  
so unfortunately I just I can't read

754  
00:29:45,169 --> 00:29:43,200  
them so I apologize you just have too

755  
00:29:48,169 --> 00:29:45,179  
much going on there's way way too much I

756  
00:29:51,110 --> 00:29:48,179  
can't read my own emails from the people

757  
00:29:54,710 --> 00:29:51,120  
who are working for me like editing

758  
00:29:58,250 --> 00:29:54,720  
oh wow yeah I use the time at the gym to

759  
00:30:00,590 --> 00:29:58,260  
go through some unread messages

760  
00:30:03,049 --> 00:30:00,600  
but that's not enough time

761  
00:30:05,210 --> 00:30:03,059  
and then by the time the next session

762  
00:30:08,210 --> 00:30:05,220  
there's so much more piled up so yeah

763  
00:30:10,850 --> 00:30:08,220

that's unfortunate yeah I remember I

764

00:30:14,450 --> 00:30:10,860

talked to you are you familiar with who

765

00:30:16,850 --> 00:30:14,460

Seth shostak is at seti he's uh the

766

00:30:19,430 --> 00:30:16,860

senior scientist it's the city

767

00:30:21,169 --> 00:30:19,440

um Institute and he told me he gets 4

768

00:30:23,210 --> 00:30:21,179

000 emails a day I don't know if that's

769

00:30:25,490 --> 00:30:23,220

if that's true or not but that's that's

770

00:30:27,649 --> 00:30:25,500

a heck of a lot of emails yeah I doubt

771

00:30:30,590 --> 00:30:27,659

that's I doubt it's 4 000 but yeah yeah

772

00:30:32,450 --> 00:30:30,600

maybe including newsletters he signed up

773

00:30:34,970 --> 00:30:32,460

for but yes it could be

774

00:30:36,830 --> 00:30:34,980

yeah I mean I could I could see hundreds

775

00:30:39,470 --> 00:30:36,840

I mean I feel like yeah exactly I get

776

00:30:41,690 --> 00:30:39,480

many dozens myself well you can do a

777

00:30:43,130 --> 00:30:41,700

calculation like four thousand times 365

778

00:30:44,810 --> 00:30:43,140

and how many is that is it the same

779

00:30:46,789 --> 00:30:44,820

person emailing multiple times Jack

780

00:30:48,470 --> 00:30:46,799

sarfatty if anyone's on his list there

781

00:30:50,630 --> 00:30:48,480

are at least 20 emails a day from Jack

782

00:30:54,110 --> 00:30:50,640

so does that count as 20 emails or one

783

00:30:58,130 --> 00:30:54,120

yeah exactly exactly

784

00:30:59,690 --> 00:30:58,140

um so let's uh I I think I think I kind

785

00:31:02,090 --> 00:30:59,700

of went through everything that I was

786

00:31:03,889 --> 00:31:02,100

thinking about uh I guess I do want to

787

00:31:05,029 --> 00:31:03,899

ask you do you ever think that people

788

00:31:07,310 --> 00:31:05,039

will

789

00:31:10,070 --> 00:31:07,320

eventually understand what what it is

790

00:31:11,510 --> 00:31:10,080

that that UFOs uapr

791

00:31:13,730 --> 00:31:11,520

yeah

792

00:31:15,710 --> 00:31:13,740

so I'm in a minority camp but again this

793

00:31:16,909 --> 00:31:15,720

is my present deliberation it tends to

794

00:31:19,370 --> 00:31:16,919

change every

795

00:31:21,529 --> 00:31:19,380

every couple weeks or every day

796

00:31:23,750 --> 00:31:21,539

sometimes so I think yes I think we'll

797

00:31:25,669 --> 00:31:23,760

understand it but we'll understand it in

798

00:31:27,769 --> 00:31:25,679

the same way that we understand a sperm

799

00:31:29,690 --> 00:31:27,779

whale so we don't know what the heck a

800

00:31:30,830 --> 00:31:29,700

sperm whale does with the majority of

801  
00:31:32,750 --> 00:31:30,840  
its time

802  
00:31:35,269 --> 00:31:32,760  
we don't know how it attacks how it eats

803  
00:31:36,769 --> 00:31:35,279  
its prey there's so many Mysteries but

804  
00:31:38,690 --> 00:31:36,779  
but yeah we've

805  
00:31:40,010 --> 00:31:38,700  
we imagined that they're a mammal we

806  
00:31:41,930 --> 00:31:40,020  
think they're mammal when we see the

807  
00:31:44,029 --> 00:31:41,940  
evidence for that and we understand they

808  
00:31:45,230 --> 00:31:44,039  
live in the ocean we understand they're

809  
00:31:47,330 --> 00:31:45,240  
evolutionary

810  
00:31:49,970 --> 00:31:47,340  
their their relationship in the

811  
00:31:51,769 --> 00:31:49,980  
phylogenetic tree and we understand

812  
00:31:53,750 --> 00:31:51,779  
a bit about what it does eat even though

813  
00:31:55,970 --> 00:31:53,760

we don't know how it does eat it

814

00:31:58,130 --> 00:31:55,980

so I imagine it would be like that like

815

00:32:01,010 --> 00:31:58,140

broad Strokes we would understand but as

816

00:32:03,289 --> 00:32:01,020

for specifics much like anything else in

817

00:32:06,529 --> 00:32:03,299

science it's it's it's not going to be

818

00:32:08,090 --> 00:32:06,539

complete nor in the case of the sperm

819

00:32:09,230 --> 00:32:08,100

whale satisfactory at least not to

820

00:32:11,690 --> 00:32:09,240

people who study sperm whales most

821

00:32:14,810 --> 00:32:11,700

people don't care

822

00:32:16,850 --> 00:32:14,820

yeah yeah well you know a lot of people

823

00:32:20,090 --> 00:32:16,860

are saying that we're in some type of

824

00:32:23,990 --> 00:32:20,100

disclosure now since 2017.

825

00:32:25,430 --> 00:32:24,000

um you know and I I think that's and a

826

00:32:28,070 --> 00:32:25,440

lot of people claim we've already it's

827

00:32:31,130 --> 00:32:28,080

already been disclosed but I don't I

828

00:32:33,230 --> 00:32:31,140

don't yeah I don't see I don't know what

829

00:32:34,730 --> 00:32:33,240

they are referring to and I've heard

830

00:32:36,289 --> 00:32:34,740

these I've heard so many so many people

831

00:32:38,090 --> 00:32:36,299

say this but what do you mean what

832

00:32:39,889 --> 00:32:38,100

counts as disclosure to them like yeah

833

00:32:42,710 --> 00:32:39,899

do they even say that

834

00:32:44,510 --> 00:32:42,720

I what do they mean we're in the middle

835

00:32:46,370 --> 00:32:44,520

of disclosure what they mean is that

836

00:32:49,850 --> 00:32:46,380

it's a long process and we've started

837

00:32:51,230 --> 00:32:49,860

Step Zero or one okay but if what they

838

00:32:52,430 --> 00:32:51,240

mean is that it's been disclosed like

839

00:32:53,990 --> 00:32:52,440

what more do you want what do you mean

840

00:32:56,570 --> 00:32:54,000

what more do you want do you not do you

841

00:32:59,510 --> 00:32:56,580

have that little disconnect with

842

00:33:00,950 --> 00:32:59,520

with not ufology but just the because

843

00:33:03,230 --> 00:33:00,960

that's a word that's apparently tainted

844

00:33:05,630 --> 00:33:03,240

the people who are interested in UFOs do

845

00:33:08,750 --> 00:33:05,640

you not understand what what they want

846

00:33:11,090 --> 00:33:08,760

like they don't want just some

847

00:33:13,190 --> 00:33:11,100

government saying that there are objects

848

00:33:14,509 --> 00:33:13,200

and we don't know where they're from we

849

00:33:15,950 --> 00:33:14,519

want to know do they know more do they

850

00:33:18,649 --> 00:33:15,960

have access to craft can we see a

851  
00:33:21,649 --> 00:33:18,659  
picture can we have some admission some

852  
00:33:23,450 --> 00:33:21,659  
explicit admission it's not I don't know

853  
00:33:25,509 --> 00:33:23,460  
what's meant when they say disclosure

854  
00:33:28,430 --> 00:33:25,519  
has occurred what are they referring to

855  
00:33:31,789 --> 00:33:28,440  
anything right

856  
00:33:35,930 --> 00:33:31,799  
yeah agreed so I I don't buy that

857  
00:33:38,210 --> 00:33:35,940  
I had uh Lou elizondo's been on my show

858  
00:33:40,130 --> 00:33:38,220  
a few times and one of the things he

859  
00:33:43,070 --> 00:33:40,140  
said on another podcast and I questioned

860  
00:33:46,130 --> 00:33:43,080  
to him about it was that we're soon to

861  
00:33:49,490 --> 00:33:46,140  
see a 23 minute video I don't know where

862  
00:33:50,990 --> 00:33:49,500  
he came up with that exactly uh but it

863  
00:33:53,750 --> 00:33:51,000

was supposed to be with multiple craft

864

00:33:56,810 --> 00:33:53,760

and it's going to be really good you

865

00:33:59,210 --> 00:33:56,820

know evidence or whatever so I've been

866

00:34:02,029 --> 00:33:59,220

waiting for that for almost a year now

867

00:34:03,529 --> 00:34:02,039

yeah 23 minutes coincidentally is the

868

00:34:05,029 --> 00:34:03,539

exact time frame of a television show

869

00:34:07,669 --> 00:34:05,039

with commercials so I don't know what

870

00:34:09,470 --> 00:34:07,679

form this this video takes and by the

871

00:34:12,310 --> 00:34:09,480

way I I love Lou and I respect Lou that

872

00:34:14,930 --> 00:34:12,320

was no in no way a jab to Lou like I I I

873

00:34:18,349 --> 00:34:14,940

so just so you know I do not take that

874

00:34:20,149 --> 00:34:18,359

as a like I I just I'm just letting you

875

00:34:22,849 --> 00:34:20,159

know maybe he's been told something yeah

876

00:34:25,730 --> 00:34:22,859

I I expect that he's been told that

877

00:34:27,409 --> 00:34:25,740

right right all right well let's uh

878

00:34:28,790 --> 00:34:27,419

there's some other topics I would like

879

00:34:31,010 --> 00:34:28,800

to talk to you about

880

00:34:33,230 --> 00:34:31,020

um and

881

00:34:37,129 --> 00:34:33,240

uh so I guess I would like to ask you

882

00:34:39,050 --> 00:34:37,139

what is the most exciting research topic

883

00:34:42,290 --> 00:34:39,060

when it comes to theoretical physics

884

00:34:42,300 --> 00:34:44,750

right

885

00:34:51,050 --> 00:34:48,530

so physics okay so let's get clear as to

886

00:34:52,669 --> 00:34:51,060

what theoretical physics means because

887

00:34:54,169 --> 00:34:52,679

so if there's high energy physics which

888

00:34:55,369 --> 00:34:54,179

is what I like which actually doesn't

889

00:34:57,890 --> 00:34:55,379

mean physics

890

00:35:00,170 --> 00:34:57,900

it means a map that's inspired by

891

00:35:01,609 --> 00:35:00,180

physics so

892

00:35:03,710 --> 00:35:01,619

for people who are interested there's

893

00:35:05,870 --> 00:35:03,720

something called a poisson bracket you

894

00:35:07,550 --> 00:35:05,880

use that In classical mechanics now if

895

00:35:09,290 --> 00:35:07,560

you just take the poisson bracket and

896

00:35:10,790 --> 00:35:09,300

you find some new construction with it

897

00:35:13,130 --> 00:35:10,800

or some new results some new theorem

898

00:35:15,170 --> 00:35:13,140

involving the poisson bracket you can

899

00:35:16,910 --> 00:35:15,180

publish in a journal for classical

900

00:35:18,589 --> 00:35:16,920

mechanics even though it may have

901  
00:35:21,230 --> 00:35:18,599  
nothing to do with class with classical

902  
00:35:23,810 --> 00:35:21,240  
mechanics so that's what theoretical

903  
00:35:25,849 --> 00:35:23,820  
physics is like there's it's just math

904  
00:35:28,670 --> 00:35:25,859  
inspired by physics

905  
00:35:30,410 --> 00:35:28,680  
which is why there's such criticism for

906  
00:35:32,210 --> 00:35:30,420  
string theory because unclear does this

907  
00:35:34,069 --> 00:35:32,220  
have any application it may have in

908  
00:35:36,530 --> 00:35:34,079  
principle no application

909  
00:35:39,530 --> 00:35:36,540  
or no

910  
00:35:40,790 --> 00:35:39,540  
or in practice no application because in

911  
00:35:42,710 --> 00:35:40,800  
order to test it you may create a black

912  
00:35:45,290 --> 00:35:42,720  
hole for instance

913  
00:35:48,589 --> 00:35:45,300

okay so there's that so but I happen to

914

00:35:50,690 --> 00:35:48,599

like that I I I love Theory so that's

915

00:35:53,930 --> 00:35:50,700

just like my bread and butter

916

00:35:55,370 --> 00:35:53,940

if I was to redo it I would go into like

917

00:35:56,870 --> 00:35:55,380

for something that's actually physics

918

00:35:58,490 --> 00:35:56,880

what I think is actually physics or what

919

00:36:00,470 --> 00:35:58,500

is actually physics is condensed matter

920

00:36:02,569 --> 00:36:00,480

physics so plenty of like I mentioned

921

00:36:04,730 --> 00:36:02,579

the theoretical side they have exotic

922

00:36:07,130 --> 00:36:04,740

States exotic states of matter that come

923

00:36:08,510 --> 00:36:07,140

about and it turns out that they have a

924

00:36:10,849 --> 00:36:08,520

basis in something called condensed

925

00:36:13,550 --> 00:36:10,859

matter physics so superconductors super

926  
00:36:16,250 --> 00:36:13,560  
cooling materials

927  
00:36:28,490 --> 00:36:16,260  
and

928  
00:36:29,569 --> 00:36:28,500  
of particle physics

929  
00:36:32,810 --> 00:36:29,579  
um

930  
00:36:34,190 --> 00:36:32,820  
can that explain the Universe I know

931  
00:36:36,290 --> 00:36:34,200  
that's kind of a

932  
00:36:38,810 --> 00:36:36,300  
intense question maybe I asked it wrong

933  
00:36:43,030 --> 00:36:38,820  
asked it wrong well

934  
00:36:48,650 --> 00:36:46,210  
I'm not trying to try to ask that again

935  
00:36:53,030 --> 00:36:48,660  
yeah how does a standard model of

936  
00:36:57,589 --> 00:36:56,150  
well it doesn't so

937  
00:36:59,569 --> 00:36:57,599  
okay

938  
00:37:01,609 --> 00:36:59,579

it doesn't explain the universe it

939

00:37:03,170 --> 00:37:01,619

explains particle interactions and even

940

00:37:06,230 --> 00:37:03,180

there it doesn't explain quote-unquote

941

00:37:09,290 --> 00:37:06,240

it gives some calculations some tools

942

00:37:11,089 --> 00:37:09,300

there's a physicist that I philosopher

943

00:37:13,190 --> 00:37:11,099

of physics who I interviewed named Tim

944

00:37:15,650 --> 00:37:13,200

Maudlin and he said that

945

00:37:17,270 --> 00:37:15,660

every whenever you learn quantum

946

00:37:20,569 --> 00:37:17,280

mechanics sorry whenever you learned

947

00:37:22,609 --> 00:37:20,579

quantum theory in University you don't

948

00:37:24,890 --> 00:37:22,619

learn quantum theory you learn

949

00:37:27,770 --> 00:37:24,900

quantum mechanics so a tool for

950

00:37:30,050 --> 00:37:27,780

calculating what's going on at a

951  
00:37:30,890 --> 00:37:30,060  
small level so Quant at a subatomic

952  
00:37:32,990 --> 00:37:30,900  
level

953  
00:37:35,390 --> 00:37:33,000  
but a theory should have an account of

954  
00:37:37,849 --> 00:37:35,400  
ontology like what the heck is going on

955  
00:37:39,650 --> 00:37:37,859  
what is physically happening

956  
00:37:41,930 --> 00:37:39,660  
standard the standard model is much like

957  
00:37:44,690 --> 00:37:41,940  
the shut up and calculate mindset

958  
00:37:46,490 --> 00:37:44,700  
and it's it's not the

959  
00:37:49,550 --> 00:37:46,500  
it doesn't

960  
00:37:51,650 --> 00:37:49,560  
explain a part of an explanation at

961  
00:37:53,510 --> 00:37:51,660  
least what we think so is the as

962  
00:37:55,370 --> 00:37:53,520  
colloquially is to understand what's

963  
00:37:57,829 --> 00:37:55,380

going on just because you have

964

00:37:59,810 --> 00:37:57,839

statistical correlations it doesn't give

965

00:38:01,609 --> 00:37:59,820

an account as to what's metaphysically

966

00:38:04,250 --> 00:38:01,619

happening so I want to say it explains

967

00:38:05,810 --> 00:38:04,260

the universe and secondly it just

968

00:38:07,550 --> 00:38:05,820

explains if it was to explain anything

969

00:38:09,109 --> 00:38:07,560

it would be particle interactions and

970

00:38:11,390 --> 00:38:09,119

it's not clear how gravity comes about

971

00:38:12,829 --> 00:38:11,400

it's not clear how Consciousness comes

972

00:38:14,569 --> 00:38:12,839

about and I would say that those are

973

00:38:16,010 --> 00:38:14,579

extreme parts of the unit well not

974

00:38:18,410 --> 00:38:16,020

extreme those are crucial parts of the

975

00:38:19,790 --> 00:38:18,420

universe that we would want to know an

976

00:38:21,950 --> 00:38:19,800

account of in order to quote unquote

977

00:38:22,970 --> 00:38:21,960

explain the universe and unless what

978

00:38:24,650 --> 00:38:22,980

they mean is explain the physical

979

00:38:26,150 --> 00:38:24,660

universe

980

00:38:28,130 --> 00:38:26,160

but even there like I mentioned it's

981

00:38:30,950 --> 00:38:28,140

incomplete and virtually every physicist

982

00:38:34,550 --> 00:38:30,960

agrees on that hmm

983

00:38:37,730 --> 00:38:34,560

now I know like the gravity is

984

00:38:41,630 --> 00:38:37,740

is really really hard to understand

985

00:38:44,930 --> 00:38:41,640

uh you know how how it works and I know

986

00:38:47,210 --> 00:38:44,940

there's been there was sort of a semi

987

00:38:52,130 --> 00:38:47,220

minor breakthrough in that I don't know

988

00:38:56,089 --> 00:38:52,140

maybe five or ten years ago and uh

989

00:38:58,010 --> 00:38:56,099

and how does that fit in with uh there's

990

00:39:00,170 --> 00:38:58,020

so many questions that I think we have

991

00:39:04,190 --> 00:39:00,180

that we can't really understand in like

992

00:39:06,290 --> 00:39:04,200

black uh dark matter and you know uh

993

00:39:10,069 --> 00:39:06,300

black energy what am I saying that Rock

994

00:39:12,230 --> 00:39:10,079

Energy yeah uh so there's just so many

995

00:39:13,910 --> 00:39:12,240

things that we don't understand and may

996

00:39:16,670 --> 00:39:13,920

they may have some type of relationship

997

00:39:18,109 --> 00:39:16,680

to each other all three of them

998

00:39:19,370 --> 00:39:18,119

yeah

999

00:39:22,790 --> 00:39:19,380

they may

1000

00:39:24,290 --> 00:39:22,800

think that the Mysteries have a

1001  
00:39:27,890 --> 00:39:24,300  
relationship to one another I don't know

1002  
00:39:30,790 --> 00:39:27,900  
if that's always the case but it is it's

1003  
00:39:33,170 --> 00:39:30,800  
one route to go

1004  
00:39:35,690 --> 00:39:33,180  
and uh one of the things that's always

1005  
00:39:38,089 --> 00:39:35,700  
fascinated me is to the quantum uh the

1006  
00:39:40,970 --> 00:39:38,099  
entanglement Theory so what are the

1007  
00:39:46,250 --> 00:39:40,980  
implications of quantum entanglement for

1008  
00:39:51,170 --> 00:39:48,829  
someone I want to interview Martin is

1009  
00:39:53,150 --> 00:39:51,180  
someone on this recent experiment at

1010  
00:39:55,730 --> 00:39:53,160  
Google about

1011  
00:39:57,470 --> 00:39:55,740  
quantum entanglement and wormholes

1012  
00:39:58,970 --> 00:39:57,480  
so I don't know I haven't looked into it

1013  
00:40:03,890 --> 00:39:58,980

but apparently there's something called

1014

00:40:10,130 --> 00:40:08,210

just a moment epr equals

1015

00:40:12,530 --> 00:40:10,140

oh I signed rolls and bridges right

1016

00:40:14,569 --> 00:40:12,540

right here so er okay Einstein equals

1017

00:40:17,329 --> 00:40:14,579

sorry epr equals ER

1018

00:40:18,530 --> 00:40:17,339

that just means that entanglement equals

1019

00:40:20,150 --> 00:40:18,540

a wormhole

1020

00:40:22,430 --> 00:40:20,160

it doesn't exactly mean that there's

1021

00:40:24,530 --> 00:40:22,440

some mathematical formulation

1022

00:40:27,050 --> 00:40:24,540

I don't understand it I don't understand

1023

00:40:29,450 --> 00:40:27,060

the philosophical implications for

1024

00:40:31,910 --> 00:40:29,460

quantum entanglement and so something

1025

00:40:33,589 --> 00:40:31,920

I'm working on to understand it is a

1026  
00:40:36,109 --> 00:40:33,599  
book on the interpretations of quantum

1027  
00:40:39,109 --> 00:40:36,119  
mechanics so I'm

1028  
00:40:41,270 --> 00:40:39,119  
writing that and that will then I'll

1029  
00:40:42,890 --> 00:40:41,280  
hopefully have a coherent answer for you

1030  
00:40:45,170 --> 00:40:42,900  
So my answer whenever I don't understand

1031  
00:40:47,750 --> 00:40:45,180  
something I just tend to write about it

1032  
00:40:49,910 --> 00:40:47,760  
ah interesting do you think there ever

1033  
00:40:55,370 --> 00:40:49,920  
will be a Theory of Everything

1034  
00:41:00,950 --> 00:40:58,849  
I I see there being

1035  
00:41:02,810 --> 00:41:00,960  
for what a culture at a certain time

1036  
00:41:04,790 --> 00:41:02,820  
thinks of as complete

1037  
00:41:07,310 --> 00:41:04,800  
yes and then I imagine that there will

1038  
00:41:10,370 --> 00:41:07,320

be some other piece of evidence that

1039

00:41:12,829 --> 00:41:10,380

comes about that reveals a new Vista so

1040

00:41:14,870 --> 00:41:12,839

for instance in the late 1900s there was

1041

00:41:16,849 --> 00:41:14,880

a theory of everything and it was

1042

00:41:19,130 --> 00:41:16,859

Newtonian mechanics so classical

1043

00:41:20,089 --> 00:41:19,140

mechanics plus statistical mechanics and

1044

00:41:21,950 --> 00:41:20,099

they thought that's all or

1045

00:41:23,030 --> 00:41:21,960

electrodynamics too and they thought

1046

00:41:24,890 --> 00:41:23,040

that's all

1047

00:41:26,810 --> 00:41:24,900

it was unclear how to combine them and

1048

00:41:28,370 --> 00:41:26,820

it turns out that you you get special

1049

00:41:30,109 --> 00:41:28,380

relativity and many other effects when

1050

00:41:31,970 --> 00:41:30,119

you combine them

1051

00:41:35,990 --> 00:41:31,980

but

1052

00:41:37,730 --> 00:41:36,000

and I imagine that that's

1053

00:41:40,190 --> 00:41:37,740

what will be in the state of in the next

1054

00:41:42,349 --> 00:41:40,200

30 Years the toe will be on the horizon

1055

00:41:45,050 --> 00:41:42,359

if not complete but then something new

1056

00:41:46,370 --> 00:41:45,060

will be discovered that shatters all of

1057

00:41:48,910 --> 00:41:46,380

that

1058

00:41:51,170 --> 00:41:48,920

hmm yeah

1059

00:41:53,990 --> 00:41:51,180

sorry agree with that part of it sure

1060

00:41:55,370 --> 00:41:54,000

yeah

1061

00:41:57,470 --> 00:41:55,380

and

1062

00:41:59,630 --> 00:41:57,480

so I guess uh

1063

00:42:01,849 --> 00:41:59,640

the the whole thing about entanglement

1064

00:42:03,950 --> 00:42:01,859

is just so fascinating it doesn't

1065

00:42:05,210 --> 00:42:03,960

it doesn't seem like it could even be

1066

00:42:08,510 --> 00:42:05,220

possible

1067

00:42:10,849 --> 00:42:08,520

the interactions across unlimited space

1068

00:42:12,530 --> 00:42:10,859

supposedly

1069

00:42:14,329 --> 00:42:12,540

I mean I don't even know how they test

1070

00:42:17,810 --> 00:42:14,339

something like that do you have any idea

1071

00:42:24,710 --> 00:42:22,370

yes so there are ways of

1072

00:42:27,050 --> 00:42:24,720

there are ways of creating a scenario

1073

00:42:29,210 --> 00:42:27,060

that because of a conservation law

1074

00:42:32,810 --> 00:42:29,220

meaning so here's a conservation law

1075

00:42:37,670 --> 00:42:35,810

if if this was to disappear

1076

00:42:38,990 --> 00:42:37,680

then the mass in the room changed and

1077

00:42:40,310 --> 00:42:39,000

you have to look somewhere else for the

1078

00:42:42,650 --> 00:42:40,320

mass and it turns out that if you look

1079

00:42:44,270 --> 00:42:42,660

hard enough you'll find the mass pop up

1080

00:42:45,950 --> 00:42:44,280

somewhere so there's Mass conservation

1081

00:42:47,450 --> 00:42:45,960

turns out that there's not exactly Mass

1082

00:42:48,829 --> 00:42:47,460

conservation but the point is I'm trying

1083

00:42:52,849 --> 00:42:48,839

to explain what a conservation law is

1084

00:42:55,130 --> 00:42:52,859

that something is conserved across time

1085

00:42:56,690 --> 00:42:55,140

it turns out spin is something that's

1086

00:42:59,569 --> 00:42:56,700

conserved across time so Elementary

1087

00:43:02,030 --> 00:42:59,579

particles Spin and they can spin in two

1088

00:43:05,750 --> 00:43:02,040

directions what's called up and what's

1089

00:43:08,270 --> 00:43:05,760

called down so if the total spin in this

1090

00:43:10,250 --> 00:43:08,280

room is zero and we created particles

1091

00:43:11,990 --> 00:43:10,260

and I know for sure one of the particles

1092

00:43:20,870 --> 00:43:12,000

has

1093

00:43:23,089 --> 00:43:20,880

cancel in order to equal zero so what

1094

00:43:25,069 --> 00:43:23,099

happens is you create particles that you

1095

00:43:26,990 --> 00:43:25,079

don't observe and through

1096

00:43:32,510 --> 00:43:27,000

some

1097

00:43:34,370 --> 00:43:32,520

have a defined up or down which is

1098

00:43:36,589 --> 00:43:34,380

strange to think about and there are

1099

00:43:38,569 --> 00:43:36,599

some theories that go against this for

1100

00:43:40,190 --> 00:43:38,579

instance Tim Maudlin is a realist and

1101  
00:43:41,750 --> 00:43:40,200  
believes the particles do actually carry

1102  
00:43:44,030 --> 00:43:41,760  
an up or down but in the standard

1103  
00:43:45,770 --> 00:43:44,040  
interpretations they don't have up or

1104  
00:43:48,410 --> 00:43:45,780  
down until they're observed they exist

1105  
00:43:50,210 --> 00:43:48,420  
in an amalgam of them of the they exist

1106  
00:43:52,130 --> 00:43:50,220  
in an amalgam of up and down a

1107  
00:43:54,650 --> 00:43:52,140  
superposition it's what's called

1108  
00:43:56,510 --> 00:43:54,660  
superposite I have I don't believe in

1109  
00:43:59,390 --> 00:43:56,520  
superposition I thought that's so

1110  
00:44:00,410 --> 00:43:59,400  
strange I'm making such inflammatory

1111  
00:44:02,450 --> 00:44:00,420  
statements

1112  
00:44:03,710 --> 00:44:02,460  
but I can explain why I don't believe in

1113  
00:44:05,089 --> 00:44:03,720

superposition

1114

00:44:07,550 --> 00:44:05,099

later

1115

00:44:09,230 --> 00:44:07,560

anyway so it's up and down

1116

00:44:10,430 --> 00:44:09,240

let me be clear just in case someone's

1117

00:44:12,349 --> 00:44:10,440

going to comment and I never get to the

1118

00:44:14,089 --> 00:44:12,359

explanation I believe in superposition

1119

00:44:16,069 --> 00:44:14,099

as a mathematical tool I don't believe

1120

00:44:18,829 --> 00:44:16,079

that particles aren't indeed in two

1121

00:44:21,250 --> 00:44:18,839

places at once for instance okay so if

1122

00:44:24,170 --> 00:44:21,260

you create a particle or particle pair

1123

00:44:26,329 --> 00:44:24,180

and you know that

1124

00:44:27,890 --> 00:44:26,339

this particle is in some superposition

1125

00:44:29,270 --> 00:44:27,900

of up and down and this one is in a

1126  
00:44:30,230 --> 00:44:29,280  
superposition of up and down you created

1127  
00:44:31,730 --> 00:44:30,240  
it but you don't know what because

1128  
00:44:33,770 --> 00:44:31,740  
you're not going to observe it and then

1129  
00:44:37,069 --> 00:44:33,780  
you wait until you go until one goes off

1130  
00:44:39,589 --> 00:44:37,079  
to Canada where are you in the states

1131  
00:44:41,210 --> 00:44:39,599  
yes yeah okay so one goes off to Canada

1132  
00:44:44,809 --> 00:44:41,220  
the other goes to which which city are

1133  
00:44:47,930 --> 00:44:44,819  
you in well I'm in Rockland Maine okay

1134  
00:44:50,809 --> 00:44:47,940  
so one goes off to Maine and you can

1135  
00:44:53,210 --> 00:44:50,819  
and and you can figure out

1136  
00:44:54,710 --> 00:44:53,220  
sorry and you can measure them so every

1137  
00:44:56,390 --> 00:44:54,720  
time I measure mine I measure mine is up

1138  
00:44:57,710 --> 00:44:56,400

let's say our measure mine is down it

1139

00:44:59,630 --> 00:44:57,720

doesn't matter I measure it as one

1140

00:45:01,490 --> 00:44:59,640

either up or down the other one is

1141

00:45:03,890 --> 00:45:01,500

either up or down correspondingly to

1142

00:45:04,790 --> 00:45:03,900

make it cancel every single time and

1143

00:45:07,309 --> 00:45:04,800

that has to happen because of

1144

00:45:09,109 --> 00:45:07,319

conservation now where does the so

1145

00:45:10,370 --> 00:45:09,119

there's nothing wrong with that but

1146

00:45:12,890 --> 00:45:10,380

where does the faster than light

1147

00:45:15,230 --> 00:45:12,900

communication come from well if I

1148

00:45:16,790 --> 00:45:15,240

measure mine I Collapse it I Collapse it

1149

00:45:18,109 --> 00:45:16,800

either to up or to down like

1150

00:45:19,069 --> 00:45:18,119

instantaneously I measure mine a

1151

00:45:22,250 --> 00:45:19,079

candidate I'm measuring the mine in

1152

00:45:24,349 --> 00:45:22,260

Toronto I ask you like you measure yours

1153

00:45:26,809 --> 00:45:24,359

and it turns out it still matches even

1154

00:45:28,970 --> 00:45:26,819

though there was no for the for light to

1155

00:45:30,109 --> 00:45:28,980

have traveled from me to you it didn't

1156

00:45:31,970 --> 00:45:30,119

have enough time it wouldn't have

1157

00:45:34,550 --> 00:45:31,980

reached you so it's strange how the heck

1158

00:45:37,430 --> 00:45:34,560

if these didn't have something defined

1159

00:45:40,130 --> 00:45:37,440

before I defined Mine by looking at it

1160

00:45:41,930 --> 00:45:40,140

it collapsed it collapses up how the

1161

00:45:44,569 --> 00:45:41,940

heck does yours even know to collapse to

1162

00:45:45,790 --> 00:45:44,579

down in order to in order to conserve

1163

00:45:48,829 --> 00:45:45,800

globally

1164

00:45:50,630 --> 00:45:48,839

that's what quantum entanglement is and

1165

00:45:51,650 --> 00:45:50,640

there are ways of formulating that

1166

00:45:54,410 --> 00:45:51,660

experiment

1167

00:45:55,730 --> 00:45:54,420

I don't think they go as far as hundreds

1168

00:45:58,069 --> 00:45:55,740

of kilometers but I think they've done

1169

00:46:00,349 --> 00:45:58,079

it it's to I think it's been done to

1170

00:46:05,349 --> 00:46:00,359

like 12 kilometers I'm not sure

1171

00:46:08,450 --> 00:46:05,359

yeah even even anything apart

1172

00:46:09,829 --> 00:46:08,460

yeah yeah just astonishing now I would

1173

00:46:12,349 --> 00:46:09,839

like to talk a little bit about

1174

00:46:14,270 --> 00:46:12,359

Consciousness because again I as I

1175

00:46:16,849 --> 00:46:14,280

mentioned in the beginning a lot of

1176

00:46:19,670 --> 00:46:16,859

people talk about that relationship with

1177

00:46:21,890 --> 00:46:19,680

UFOs which I really don't understand but

1178

00:46:32,450 --> 00:46:21,900

what what is the relationship between

1179

00:46:42,530 --> 00:46:37,069

so

1180

00:46:44,750 --> 00:46:42,540

question that comes that depends on if

1181

00:46:47,210 --> 00:46:44,760

one is a materialist or an idealist and

1182

00:46:49,069 --> 00:46:47,220

maybe some other IST or some other ISM

1183

00:46:50,329 --> 00:46:49,079

some of the materialist sense they would

1184

00:46:52,490 --> 00:46:50,339

say that hey there's just some

1185

00:46:54,710 --> 00:46:52,500

interactions of particles some Dynamics

1186

00:46:57,109 --> 00:46:54,720

and that creates Consciousness and then

1187

00:46:58,609 --> 00:46:57,119

in the idealist Consciousness is

1188

00:47:01,550 --> 00:46:58,619

fundamental sense they would say no no

1189

00:47:03,170 --> 00:47:01,560

the brain is an element of consciousness

1190

00:47:05,270 --> 00:47:03,180

and you're somehow interacting with

1191

00:47:07,069 --> 00:47:05,280

Consciousness so it's Consciousness it's

1192

00:47:09,290 --> 00:47:07,079

not as if the brain produces

1193

00:47:11,210 --> 00:47:09,300

Consciousness the brain is what

1194

00:47:13,190 --> 00:47:11,220

Consciousness looks like from another

1195

00:47:15,349 --> 00:47:13,200

perspective

1196

00:47:17,569 --> 00:47:15,359

I I don't know I don't know how to

1197

00:47:21,230 --> 00:47:17,579

answer such a question

1198

00:47:24,290 --> 00:47:21,240

yeah yeah well I also wondered

1199

00:47:27,290 --> 00:47:24,300

what type of beings have Consciousness

1200

00:47:30,970 --> 00:47:27,300

and what what don't in other words does

1201

00:47:33,950 --> 00:47:30,980

it does an ant have consciousness

1202

00:47:37,069 --> 00:47:33,960

uh you know I mean I don't know how that

1203

00:47:39,349 --> 00:47:37,079

is measured or anything yeah

1204

00:47:42,950 --> 00:47:39,359

yeah I don't know and this is an age-old

1205

00:47:44,930 --> 00:47:42,960

question it's unclear it's

1206

00:47:47,750 --> 00:47:44,940

yeah it's extreme so I can lead you down

1207

00:47:49,730 --> 00:47:47,760

some dark places if you if you seriously

1208

00:47:52,550 --> 00:47:49,740

contend with that question

1209

00:47:55,790 --> 00:47:52,560

and and basically how does it

1210

00:47:58,730 --> 00:47:55,800

how would Consciousness arise from a

1211

00:48:03,370 --> 00:48:00,530

you're asking like the hardest questions

1212

00:48:05,990 --> 00:48:03,380

man well these are questions

1213

00:48:07,849 --> 00:48:06,000

these are some philosophers have been

1214

00:48:10,010 --> 00:48:07,859

asking this question for for decades and

1215

00:48:12,349 --> 00:48:10,020

then maybe even some rudimentary version

1216

00:48:15,109 --> 00:48:12,359

of it for Millennia so I don't I don't

1217

00:48:17,270 --> 00:48:15,119

know how to answer that yeah yeah and by

1218

00:48:20,210 --> 00:48:17,280

the way this is uh you you're gonna

1219

00:48:23,109 --> 00:48:20,220

probably laugh when you hear this

1220

00:48:26,690 --> 00:48:23,119

um I used AI for some of these questions

1221

00:48:28,970 --> 00:48:26,700

sure and uh there's a new chat out there

1222

00:48:32,450 --> 00:48:28,980

I'm sure you've probably heard of it

1223

00:48:35,150 --> 00:48:32,460

um yeah so I use that in asking for help

1224

00:48:36,650 --> 00:48:35,160

with these questions and yeah they

1225

00:48:39,470 --> 00:48:36,660

really posts some some difficult

1226

00:48:41,450 --> 00:48:39,480

questions I think and here's another one

1227

00:48:45,589 --> 00:48:41,460

how does Consciousness shape our

1228

00:48:50,329 --> 00:48:47,930

I I don't know I I would say that it's

1229

00:48:54,109 --> 00:48:50,339

not it doesn't shape our perception of

1230

00:48:58,750 --> 00:48:54,119

reality it allows us to perceive

1231

00:49:02,569 --> 00:48:58,760

so hmm so so an

1232

00:49:02,579 --> 00:49:06,950

computers

1233

00:49:09,829 --> 00:49:08,089

so what's the relationship between

1234

00:49:12,230 --> 00:49:09,839

computers and computation well computers

1235

00:49:18,589 --> 00:49:12,240

allow computation to occur computers

1236

00:49:18,599 --> 00:49:22,370

hmm

1237

00:49:22,380 --> 00:49:25,010

okay

1238

00:49:28,190 --> 00:49:26,750

yeah I don't I don't know if that's

1239

00:49:33,770 --> 00:49:28,200

satisfactory and so the act of

1240

00:49:35,690 --> 00:49:33,780

perceiving is is consciousness then the

1241

00:49:37,069 --> 00:49:35,700

it's

1242

00:49:39,349 --> 00:49:37,079

yeah I don't know how to explain it I'm

1243

00:49:42,050 --> 00:49:39,359

sorry Martin yeah no no this is all this

1244

00:49:44,750 --> 00:49:42,060

is really interesting uh and this AI

1245

00:49:46,190 --> 00:49:44,760

this AI is a great yeah it's the AIS uh

1246

00:49:48,050 --> 00:49:46,200

and I'm going to ask a question about

1247

00:49:50,329 --> 00:49:48,060

that in a minute but

1248

00:49:51,890 --> 00:49:50,339

um and so I also asked what's a really

1249

00:49:53,450 --> 00:49:51,900

good question to ask about free will

1250

00:49:55,970 --> 00:49:53,460

because that's another one that's really

1251  
00:49:56,990 --> 00:49:55,980  
an interesting topic that I I think is

1252  
00:50:00,170 --> 00:49:57,000  
anyway

1253  
00:50:02,990 --> 00:50:00,180  
and is Free Will an illusion or is it a

1254  
00:50:08,390 --> 00:50:05,270  
I think Free Will is a word like

1255  
00:50:10,910 --> 00:50:08,400  
Consciousness where it's unclear how to

1256  
00:50:12,829 --> 00:50:10,920  
explicitly Define it but it does have a

1257  
00:50:14,750 --> 00:50:12,839  
meaning we mean something when we say it

1258  
00:50:17,930 --> 00:50:14,760  
it just seems that our

1259  
00:50:20,270 --> 00:50:17,940  
rational attempts to investigate it

1260  
00:50:22,130 --> 00:50:20,280  
are like us trying to grab water and it

1261  
00:50:24,829 --> 00:50:22,140  
just falls through our hands and it

1262  
00:50:26,030 --> 00:50:24,839  
means that it's easy to conclude that

1263  
00:50:27,890 --> 00:50:26,040

it's an illusion I think that's the

1264

00:50:30,290 --> 00:50:27,900

easiest route to take

1265

00:50:32,750 --> 00:50:30,300

I think that it's The Logical route to

1266

00:50:34,130 --> 00:50:32,760

take the well that's even that's

1267

00:50:36,589 --> 00:50:34,140

difficult to say but I don't think the

1268

00:50:39,050 --> 00:50:36,599

rationality and logic is all

1269

00:50:41,630 --> 00:50:39,060

so I think that we're trying to capture

1270

00:50:43,069 --> 00:50:41,640

something that's extremely elusive

1271

00:50:45,170 --> 00:50:43,079

and

1272

00:50:46,609 --> 00:50:45,180

it allows people like Daniel Dennett to

1273

00:50:50,390 --> 00:50:46,619

conclude that even Consciousness is an

1274

00:50:52,309 --> 00:50:50,400

illusion so I don't know I don't think I

1275

00:50:54,410 --> 00:50:52,319

think that it has meaning and we're not

1276

00:50:56,870 --> 00:50:54,420

properly characterizing it we're trying

1277

00:50:59,750 --> 00:50:56,880

to with our words and our words can't

1278

00:51:02,329 --> 00:50:59,760

Define it currently so there's two

1279

00:51:05,030 --> 00:51:02,339

options to that one is the non-dual

1280

00:51:08,290 --> 00:51:05,040

route of just not speaking about it this

1281

00:51:11,630 --> 00:51:08,300

just escapes just experience it

1282

00:51:15,589 --> 00:51:11,640

the other route is that we need a more

1283

00:51:19,069 --> 00:51:15,599

explicated language and I tend to take

1284

00:51:21,290 --> 00:51:19,079

both routes I'm exploring both

1285

00:51:23,510 --> 00:51:21,300

much of these investigations into tolls

1286

00:51:24,770 --> 00:51:23,520

into theories of everything

1287

00:51:27,349 --> 00:51:24,780

they

1288

00:51:29,690 --> 00:51:27,359

uh

1289

00:51:31,250 --> 00:51:29,700

an inference that's easy to draw is that

1290

00:51:32,809 --> 00:51:31,260

we should just forget about speaking

1291

00:51:33,950 --> 00:51:32,819

about it just live your life go in the

1292

00:51:35,650 --> 00:51:33,960

mountains

1293

00:51:38,290 --> 00:51:35,660

well

1294

00:51:41,569 --> 00:51:38,300

and be endearing

1295

00:51:44,089 --> 00:51:41,579

and I think that's partly true I also

1296

00:51:45,710 --> 00:51:44,099

think it's true that there are many

1297

00:51:47,030 --> 00:51:45,720

several several problems in fact

1298

00:51:49,730 --> 00:51:47,040

virtually every problem we can think of

1299

00:51:50,990 --> 00:51:49,740

that Millennia ago couldn't be solved

1300

00:51:53,270 --> 00:51:51,000

because we didn't have the language for

1301

00:51:55,250 --> 00:51:53,280

it and now we can I think that it's just

1302

00:51:56,450 --> 00:51:55,260

part of part of the problem by the way

1303

00:52:05,510 --> 00:51:56,460

is

1304

00:52:07,790 --> 00:52:05,520

so now that Chalmers has made explicit

1305

00:52:09,890 --> 00:52:07,800

seemingly the hard problem of

1306

00:52:11,210 --> 00:52:09,900

Consciousness which is I think 20 years

1307

00:52:13,250 --> 00:52:11,220

old now or so

1308

00:52:15,650 --> 00:52:13,260

maybe 25

1309

00:52:17,329 --> 00:52:15,660

I imagine that Consciousness the hard

1310

00:52:19,430 --> 00:52:17,339

problem of consciousness

1311

00:52:23,089 --> 00:52:19,440

I imagine that the hard problem of

1312

00:52:26,329 --> 00:52:23,099

Consciousness will be solved in 25 years

1313

00:52:28,549 --> 00:52:26,339

and I also and now this is my present

1314

00:52:30,230 --> 00:52:28,559

deliberation again so I don't like to

1315

00:52:34,910 --> 00:52:30,240

State opinions because

1316

00:52:36,829 --> 00:52:34,920

I am fickle and my mind is Mercurial it

1317

00:52:39,770 --> 00:52:36,839

changes fairly rapidly

1318

00:52:41,750 --> 00:52:39,780

so either way I think my current

1319

00:52:43,549 --> 00:52:41,760

deliberation is that

1320

00:52:45,290 --> 00:52:43,559

Consciousness the heart problem will be

1321

00:52:47,390 --> 00:52:45,300

solved in 25 years and it will be so

1322

00:52:50,569 --> 00:52:47,400

trivial and we'll look back and think

1323

00:52:52,430 --> 00:52:50,579

that was obvious and furthermore there

1324

00:52:54,410 --> 00:52:52,440

will be some new problem right now

1325

00:52:56,630 --> 00:52:54,420

that's The Fad like oh my gosh you can't

1326

00:52:58,309 --> 00:52:56,640

just you can't go into a philosophical

1327

00:53:01,730 --> 00:52:58,319

discussion without mentioning the hard

1328

00:53:03,950 --> 00:53:01,740

problem of Consciousness so but go back

1329

00:53:05,990 --> 00:53:03,960

100 years that wasn't even there

1330

00:53:07,849 --> 00:53:06,000

I imagine that something new will occur

1331

00:53:09,530 --> 00:53:07,859

that just blows our mind and we can't

1332

00:53:11,809 --> 00:53:09,540

imagine how could you ever derive this

1333

00:53:13,790 --> 00:53:11,819

from this like the odds from the is

1334

00:53:15,589 --> 00:53:13,800

perhaps or maybe even more fundamental

1335

00:53:18,770 --> 00:53:15,599

and then our understanding of what

1336

00:53:21,770 --> 00:53:18,780

fundamental is Will constantly change

1337

00:53:24,470 --> 00:53:21,780

yeah excellent well I I think we'll

1338

00:53:27,890 --> 00:53:24,480

we'll we we're done our show basically

1339

00:53:30,170 --> 00:53:27,900

and I want to thank you so much for uh

1340

00:53:31,790 --> 00:53:30,180

for being here and uh you know I did

1341

00:53:33,230 --> 00:53:31,800

have one let's see if you can answer

1342

00:53:35,930 --> 00:53:33,240

this real quickly because we only have

1343

00:53:39,589 --> 00:53:35,940

about 30 seconds here uh do you think

1344

00:53:42,109 --> 00:53:39,599

that AI is a dangerous thing for our

1345

00:53:43,910 --> 00:53:42,119

future I mean maybe I think it may be

1346

00:53:46,130 --> 00:53:43,920

the most dangerous

1347

00:53:48,049 --> 00:53:46,140

but I don't know again yeah I don't know

1348

00:53:49,490 --> 00:53:48,059

and I think that some of the people who

1349

00:53:51,589 --> 00:53:49,500

are working on AI I think they should

1350

00:53:53,030 --> 00:53:51,599

examine their motivations and examine

1351  
00:53:56,270 --> 00:53:53,040  
what they're doing some of the people at

1352  
00:54:00,530 --> 00:53:56,280  
open AI who are creating chat GPT and

1353  
00:54:03,109 --> 00:54:00,540  
gpt4 and the mid-journey 3 and Dolly

1354  
00:54:06,349 --> 00:54:03,119  
four or Dolly three I think that they

1355  
00:54:08,030 --> 00:54:06,359  
don't think about the consequences of

1356  
00:54:09,710 --> 00:54:08,040  
what they're doing same with Google same

1357  
00:54:11,390 --> 00:54:09,720  
with Microsoft I think they're all

1358  
00:54:13,430 --> 00:54:11,400  
Engineers or the majority of them are

1359  
00:54:14,930 --> 00:54:13,440  
engineers and it's akin to people who

1360  
00:54:16,910 --> 00:54:14,940  
are in the Manhattan Project who are

1361  
00:54:19,670 --> 00:54:16,920  
physicists who are so jazzed about the

1362  
00:54:20,870 --> 00:54:19,680  
physics super Jazz it's fun me and you

1363  
00:54:22,730 --> 00:54:20,880

were having extreme amount of fun

1364

00:54:24,530 --> 00:54:22,740

speaking about this it's even more fun

1365

00:54:25,849 --> 00:54:24,540

to investigate it with a pen and a paper

1366

00:54:28,010 --> 00:54:25,859

and do research

1367

00:54:29,329 --> 00:54:28,020

I think that they don't realize that

1368

00:54:31,190 --> 00:54:29,339

what they're creating they're going to

1369

00:54:32,390 --> 00:54:31,200

burn their hands just like Einstein said

1370

00:54:34,010 --> 00:54:32,400

I would have burned my hands had I know

1371

00:54:36,170 --> 00:54:34,020

the consequences of what I had signed

1372

00:54:39,170 --> 00:54:36,180

off to yeah speaking about the nuclear

1373

00:54:41,930 --> 00:54:39,180

bomb right so yeah so a question is like

1374

00:54:44,690 --> 00:54:41,940

well for these open AI people sure what

1375

00:54:48,230 --> 00:54:44,700

you're doing has a huge

1376

00:54:50,390 --> 00:54:48,240

there's the possibility for extreme

1377

00:54:52,849 --> 00:54:50,400

public benefit extreme

1378

00:54:55,609 --> 00:54:52,859

but is that worse is that worth the

1379

00:54:59,710 --> 00:54:55,619

possibility for extreme destruction

1380

00:55:02,030 --> 00:54:59,720

perhaps even civilization annihilation

1381

00:55:03,890 --> 00:55:02,040

I think that they need to

1382

00:55:05,630 --> 00:55:03,900

I think each person needs to think about

1383

00:55:07,670 --> 00:55:05,640

is what I'm doing ethical and or

1384

00:55:08,809 --> 00:55:07,680

possibly can it be turned into something

1385

00:55:10,849 --> 00:55:08,819

unethical

1386

00:55:12,530 --> 00:55:10,859

yeah and I think that it's terrible it's

1387

00:55:13,970 --> 00:55:12,540

a terrible place to be where someone

1388

00:55:15,470 --> 00:55:13,980

says well look I'm not going to quit my

1389

00:55:17,089 --> 00:55:15,480

job at Google because one it pays well

1390

00:55:19,430 --> 00:55:17,099

in a second if I don't do it someone

1391

00:55:20,930 --> 00:55:19,440

else will it reminds me of this movie I

1392

00:55:22,849 --> 00:55:20,940

forget what it was but it has Nicolas

1393

00:55:24,410 --> 00:55:22,859

Cage and he was a weapons dealer I

1394

00:55:26,150 --> 00:55:24,420

believe and he said hey I may as well

1395

00:55:27,950 --> 00:55:26,160

deal weapons because if I don't someone

1396

00:55:29,809 --> 00:55:27,960

else is going to take my position I

1397

00:55:32,930 --> 00:55:29,819

think that's abdicating your

1398

00:55:34,490 --> 00:55:32,940

your culpability I think it's extremely

1399

00:55:36,170 --> 00:55:34,500

dangerous and I think you should allow

1400

00:55:37,790 --> 00:55:36,180

someone else to do it even if you I

1401  
00:55:39,950 --> 00:55:37,800  
think you should keep your hands clean

1402  
00:55:41,089 --> 00:55:39,960  
keep your own hands clean don't worry

1403  
00:55:44,030 --> 00:55:41,099  
that someone else is going to dirty

1404  
00:55:47,210 --> 00:55:44,040  
their hands right right hey Kurt thank

1405  
00:55:49,430 --> 00:55:47,220  
you so much it's been a real pleasure

1406  
00:55:50,510 --> 00:55:49,440  
it's been a pleasure man all right I'll

1407  
00:55:52,790 --> 00:55:50,520  
talk to you later

1408  
00:55:56,750 --> 00:55:52,800  
all right

1409  
00:55:57,730 --> 00:55:56,760  
week with Dean aliotto and happy New

1410  
00:56:03,109 --> 00:55:57,740  
Year to you all

1411  
00:56:03,119 --> 00:56:08,230  
foreign