

A portrait of Paul Kirsch, a man with grey hair and glasses, wearing a dark jacket over a plaid shirt. The background is dark with a blue horizontal band across the middle. The text 'PAUL KIRSCH' is overlaid on the blue band in yellow, and '#463' is overlaid on the dark background below it in blue.

**PAUL  
KIRSCH**

**#463**

1  
00:00:48,869 --> 00:00:20,370

[Music]

2  
00:00:50,709 --> 00:00:49,430

hello

3  
00:00:52,470 --> 00:00:50,719

and welcome to the show i'm martin

4  
00:00:55,110 --> 00:00:52,480

willis your host and

5  
00:00:55,910 --> 00:00:55,120

we shouldn't by any means have any

6  
00:00:57,189 --> 00:00:55,920

internet

7  
00:00:59,029 --> 00:00:57,199

trouble if you could see behind the

8  
00:01:02,389 --> 00:00:59,039

scenes here i actually

9  
00:01:05,189 --> 00:01:02,399

am in a cabin nearby where i live

10  
00:01:07,270 --> 00:01:05,199

and um i'm using the same internet that

11  
00:01:07,990 --> 00:01:07,280

i normally do but it seems to be working

12  
00:01:09,910 --> 00:01:08,000

fine

13  
00:01:11,429 --> 00:01:09,920

over in this location it's a long story

14

00:01:14,710 --> 00:01:11,439

i don't need to get into it

15

00:01:16,630 --> 00:01:14,720

um there is a name for people that have

16

00:01:17,830 --> 00:01:16,640

a ludite i think that's what i might be

17

00:01:20,710 --> 00:01:17,840

technical problems

18

00:01:22,469 --> 00:01:20,720

now and then but uh i hope you are able

19

00:01:25,590 --> 00:01:22,479

to check out our blog this week

20

00:01:28,230 --> 00:01:25,600

um charles lear always does a great job

21

00:01:30,710 --> 00:01:28,240

in various topics and this week is the

22

00:01:33,429 --> 00:01:30,720

government-funded ufo study in france

23

00:01:34,469 --> 00:01:33,439

so check that out he also makes a um an

24

00:01:37,749 --> 00:01:34,479

audio blog

25

00:01:40,630 --> 00:01:37,759

for the podcast stream as well as

26

00:01:41,830 --> 00:01:40,640

i put that up on youtube each week so um

27

00:01:44,469 --> 00:01:41,840

and he does this

28

00:01:46,069 --> 00:01:44,479

all this hard work of as a labor of love

29

00:01:48,550 --> 00:01:46,079

he'll be coming out with a book

30

00:01:50,310 --> 00:01:48,560

in a while um i'll be out actually in

31

00:01:52,389 --> 00:01:50,320

new mexico

32

00:01:53,510 --> 00:01:52,399

in september with a friend we're gonna

33

00:01:55,910 --> 00:01:53,520

go out there and

34

00:01:57,109 --> 00:01:55,920

actually sit with dave marlar um charles

35

00:01:59,830 --> 00:01:57,119

lear and uh

36

00:02:01,109 --> 00:01:59,840

some icons in the ufo world that are

37

00:02:02,950 --> 00:02:01,119

going to be joining us there

38

00:02:04,469 --> 00:02:02,960

then that's something to look forward to

39

00:02:08,309 --> 00:02:04,479

tonight's guest

40

00:02:08,949 --> 00:02:08,319

is uh we have paul kershon and he has a

41

00:02:10,790 --> 00:02:08,959

book

42

00:02:12,470 --> 00:02:10,800

it's called blueprint for interstellar

43

00:02:13,430 --> 00:02:12,480

travel he's going to be talking a lot

44

00:02:16,070 --> 00:02:13,440

about that it was

45

00:02:17,910 --> 00:02:16,080

inspired actually in the beginning uh

46

00:02:19,030 --> 00:02:17,920

actually by a ufo we're going to talk

47

00:02:21,750 --> 00:02:19,040

about that too

48

00:02:23,910 --> 00:02:21,760

it's uh it's all very interesting and so

49

00:02:26,070 --> 00:02:23,920

he's joining us from the west coast

50

00:02:27,430 --> 00:02:26,080

he'll be on in just a minute and i do

51  
00:02:28,710 --> 00:02:27,440  
want to thank everyone that helps out

52  
00:02:30,350 --> 00:02:28,720  
with the show

53  
00:02:32,150 --> 00:02:30,360  
and anyone can do that over at

54  
00:02:35,509 --> 00:02:32,160  
patreon.com that links

55  
00:02:37,190 --> 00:02:35,519  
up on our website and uh we and

56  
00:02:39,110 --> 00:02:37,200  
we thank every single listener to the

57  
00:02:41,910 --> 00:02:39,120  
show it's really grown uh

58  
00:02:43,589 --> 00:02:41,920  
quite a bit um it's coming up on the

59  
00:02:48,070 --> 00:02:43,599  
10th year anniversary

60  
00:02:50,070 --> 00:02:48,080  
i think it's 464 shows this one might be

61  
00:02:51,589 --> 00:02:50,080  
but anyway it's been enjoyable all along

62  
00:02:54,869 --> 00:02:51,599  
i never get tired of it

63  
00:02:56,150 --> 00:02:54,879

and i really like exploring um ideas and

64

00:02:57,910 --> 00:02:56,160

that's one of the reasons i have this

65

00:03:00,070 --> 00:02:57,920

guest on we have a lot of

66

00:03:02,070 --> 00:03:00,080

exceptional guests lined up as well

67

00:03:03,750 --> 00:03:02,080

ahead so what we're going to have uh

68

00:03:05,589 --> 00:03:03,760

next couple months are already booked

69

00:03:08,070 --> 00:03:05,599

some really great guests

70

00:03:09,110 --> 00:03:08,080

anyway uh we are ready to uh bring in

71

00:03:12,470 --> 00:03:09,120

the guests tonight

72

00:03:15,430 --> 00:03:12,480

uh welcome to the show paul hi

73

00:03:16,550 --> 00:03:15,440

thank you martin and so paul i got to

74

00:03:19,750 --> 00:03:16,560

ask you

75

00:03:21,750 --> 00:03:19,760

um what uh can you give the um

76

00:03:23,589 --> 00:03:21,760

i know you're not on you haven't i

77

00:03:25,589 --> 00:03:23,599

haven't seen you on other podcasts

78

00:03:26,869 --> 00:03:25,599

and that's another thing i like to have

79

00:03:28,789 --> 00:03:26,879

fresh voices

80

00:03:30,550 --> 00:03:28,799

you know talk about this subject and

81

00:03:32,149 --> 00:03:30,560

other subjects like what you're going to

82

00:03:35,350 --> 00:03:32,159

be discussing tonight

83

00:03:36,869 --> 00:03:35,360

but what inspired you um to do

84

00:03:38,710 --> 00:03:36,879

all this work because i know you came

85

00:03:40,550 --> 00:03:38,720

out with a book i think it was something

86

00:03:42,789 --> 00:03:40,560

like 10 years ago

87

00:03:44,229 --> 00:03:42,799

and you learned from some of the

88

00:03:47,190 --> 00:03:44,239

stumblings in that book

89

00:03:48,949 --> 00:03:47,200

yet you got yourself back up again and

90

00:03:52,630 --> 00:03:48,959

you put out another book

91

00:03:53,670 --> 00:03:52,640

um and uh you the the biggest part of

92

00:03:56,309 --> 00:03:53,680

the the reason

93

00:03:57,030 --> 00:03:56,319

from what i gather by reading as much as

94

00:04:00,149 --> 00:03:57,040

i did

95

00:04:02,149 --> 00:04:00,159

the reason you are doing these books is

96

00:04:03,750 --> 00:04:02,159

um to share information you're not doing

97

00:04:05,670 --> 00:04:03,760

any promotionals or anything you just

98

00:04:08,550 --> 00:04:05,680

want to share this information

99

00:04:09,350 --> 00:04:08,560

so i can get out there and and maybe

100

00:04:13,030 --> 00:04:09,360

someone

101  
00:04:16,310 --> 00:04:13,040  
can uh there it is

102  
00:04:18,870 --> 00:04:16,320  
can can do something as uh this has a

103  
00:04:21,749 --> 00:04:18,880  
foundation and move forward possibly

104  
00:04:23,110 --> 00:04:21,759  
so if you would tell us about yourself

105  
00:04:26,469 --> 00:04:23,120  
and then and what made you

106  
00:04:28,790 --> 00:04:26,479  
decide to do this right so

107  
00:04:30,310 --> 00:04:28,800  
uh i was actually an administrator at

108  
00:04:32,870 --> 00:04:30,320  
ucla

109  
00:04:33,749 --> 00:04:32,880  
and uh in the early days of the internet

110  
00:04:35,350 --> 00:04:33,759  
and um

111  
00:04:36,790 --> 00:04:35,360  
i was searching around i was kind of

112  
00:04:39,909 --> 00:04:36,800  
bored one day and i

113  
00:04:42,550 --> 00:04:39,919

i typed in a keyword interstellar travel

114

00:04:44,070 --> 00:04:42,560

and uh on the top of the list um and

115

00:04:45,350 --> 00:04:44,080

we're probably using in netscape in

116

00:04:48,550 --> 00:04:45,360

those days

117

00:04:50,629 --> 00:04:48,560

um uh was a company and it's

118

00:04:51,670 --> 00:04:50,639

the company's name was unitel and it

119

00:04:54,870 --> 00:04:51,680

said

120

00:04:56,550 --> 00:04:54,880

something like uh we make uni

121

00:04:59,430 --> 00:04:56,560

interstellar travel possible or

122

00:05:03,510 --> 00:04:59,440

something so this really intrigued me

123

00:05:06,629 --> 00:05:03,520

and um i uh there was an email address

124

00:05:09,670 --> 00:05:06,639

for um a fellow larry marrer

125

00:05:10,310 --> 00:05:09,680

and he was the ceo of the company and on

126  
00:05:13,990 --> 00:05:10,320  
a lark

127  
00:05:15,510 --> 00:05:14,000  
i sent him an email and i really didn't

128  
00:05:18,550 --> 00:05:15,520  
think i'd get a reply from

129  
00:05:21,670 --> 00:05:18,560  
the ceo of a company

130  
00:05:23,670 --> 00:05:21,680  
but you know very shortly after he did

131  
00:05:27,350 --> 00:05:23,680  
reply in an email

132  
00:05:29,029 --> 00:05:27,360  
and that was the uh origin of a perhaps

133  
00:05:32,950 --> 00:05:29,039  
15-year

134  
00:05:35,189 --> 00:05:32,960  
email interchange i had with larry um

135  
00:05:36,950 --> 00:05:35,199  
every day we would email and he would

136  
00:05:41,029 --> 00:05:36,960  
often write quite lengthy uh

137  
00:05:44,950 --> 00:05:41,039  
emails um you know over 300 words

138  
00:05:48,310 --> 00:05:44,960

and uh he was he was told me about um

139

00:05:51,830 --> 00:05:48,320

kind of this whole story and what led to

140

00:05:53,270 --> 00:05:51,840

them uh this this team of a fellow named

141

00:05:56,469 --> 00:05:53,280

michael maher

142

00:05:59,670 --> 00:05:56,479

michael miller and a fellow larry maher

143

00:06:01,909 --> 00:05:59,680

to um to develop a company to get

144

00:06:03,670 --> 00:06:01,919

incorporated to get patents both in the

145

00:06:06,150 --> 00:06:03,680

u.s and japan

146

00:06:07,189 --> 00:06:06,160

and to try to build an interstellar

147

00:06:10,710 --> 00:06:07,199

spaceship

148

00:06:13,189 --> 00:06:10,720

uh to me this was incredible i mean um

149

00:06:15,110 --> 00:06:13,199

it was you know even to the present you

150

00:06:17,909 --> 00:06:15,120

know uh

151  
00:06:18,390 --> 00:06:17,919  
who else is working on you know an

152  
00:06:22,309 --> 00:06:18,400  
actual

153  
00:06:25,430 --> 00:06:22,319  
vehicle to do something like this so um

154  
00:06:27,909 --> 00:06:25,440  
you know it was amazing and then

155  
00:06:29,110 --> 00:06:27,919  
is the process of like why isn't this

156  
00:06:31,909 --> 00:06:29,120  
being communicated and

157  
00:06:33,110 --> 00:06:31,919  
if it isn't communicated then i i felt

158  
00:06:36,230 --> 00:06:33,120  
um

159  
00:06:39,670 --> 00:06:36,240  
an urgency and a drive to

160  
00:06:44,390 --> 00:06:43,670  
and uh so what was the process did you

161  
00:06:49,510 --> 00:06:44,400  
use

162  
00:06:53,270 --> 00:06:49,520  
there was of this miller and mower right

163  
00:06:56,550 --> 00:06:53,280

yes mr mower

164

00:06:59,909 --> 00:06:56,560

has since deceased uh tragically and

165

00:07:01,189 --> 00:06:59,919

um uh he was sort of an engineer fellow

166

00:07:04,469 --> 00:07:01,199

and a cad designer

167

00:07:07,749 --> 00:07:04,479

he said that he had um uh

168

00:07:10,150 --> 00:07:07,759

done cad drawings for uh lumber mills

169

00:07:11,830 --> 00:07:10,160

uh he both of these fellows live in

170

00:07:12,710 --> 00:07:11,840

oregon so that you know is the wood

171

00:07:19,510 --> 00:07:12,720

industry

172

00:07:20,150 --> 00:07:19,520

mr moore was a um you know a a cad

173

00:07:22,309 --> 00:07:20,160

designer

174

00:07:23,830 --> 00:07:22,319

and then mr miller was a contract

175

00:07:26,950 --> 00:07:23,840

electrician

176

00:07:28,710 --> 00:07:26,960

and uh mr miller is

177

00:07:30,710 --> 00:07:28,720

a person of an extraordinary

178

00:07:32,150 --> 00:07:30,720

intelligence an extraordinary speed of

179

00:07:34,629 --> 00:07:32,160

intelligence

180

00:07:35,589 --> 00:07:34,639

um and it has a great depth of knowledge

181

00:07:39,270 --> 00:07:35,599

in physics and

182

00:07:42,230 --> 00:07:39,280

a number of fields so um

183

00:07:45,110 --> 00:07:42,240

you know i wanted to hear their story

184

00:07:48,390 --> 00:07:45,120

and uh in fact their story

185

00:07:51,749 --> 00:07:48,400

is that they had witnessed a a ufo

186

00:07:55,270 --> 00:07:51,759

at close range uh perhaps 15 feet away

187

00:07:58,710 --> 00:07:55,280

um it hurt in front of them and then

188

00:08:02,230 --> 00:07:58,720

uh it was from that and

189

00:08:05,430 --> 00:08:02,240  
and apparently some downloads

190

00:08:07,189 --> 00:08:05,440  
that mr um miller uh developed this

191

00:08:08,629 --> 00:08:07,199  
invention so it's really an

192

00:08:10,950 --> 00:08:08,639  
extraordinary story i mean

193

00:08:12,230 --> 00:08:10,960  
this is the thing i feel like they're a

194

00:08:15,110 --> 00:08:12,240  
small communities

195

00:08:16,309 --> 00:08:15,120  
where um you know amazing things are

196

00:08:18,070 --> 00:08:16,319  
happening i mean you probably know

197

00:08:20,070 --> 00:08:18,080  
people like this yourself

198

00:08:21,589 --> 00:08:20,080  
small communities where incredible

199

00:08:23,029 --> 00:08:21,599  
things are happening and it's very hard

200

00:08:26,230 --> 00:08:23,039  
to break through

201  
00:08:27,909 --> 00:08:26,240  
into mainstream science mainstream media

202  
00:08:29,589 --> 00:08:27,919  
uh when you're trying to juggle a bunch

203  
00:08:33,029 --> 00:08:29,599  
of other things pay the rent

204  
00:08:36,310 --> 00:08:33,039  
uh advance your designs etc

205  
00:08:38,149 --> 00:08:36,320  
now can you get into deep detail about

206  
00:08:40,149 --> 00:08:38,159  
what they have told you about their

207  
00:08:41,509 --> 00:08:40,159  
their ufo sighting and and the

208  
00:08:43,750 --> 00:08:41,519  
whole download thing that's really

209  
00:08:46,870 --> 00:08:43,760  
fascinating

210  
00:08:49,509 --> 00:08:46,880  
yeah i uh i can't go into

211  
00:08:50,790 --> 00:08:49,519  
great detail uh because the sort of

212  
00:08:52,829 --> 00:08:50,800  
information

213  
00:08:54,150 --> 00:08:52,839

as it is last stood is somewhat

214

00:08:57,829 --> 00:08:54,160

proprietary

215

00:09:00,949 --> 00:08:57,839

in that they may want to develop a story

216

00:09:03,829 --> 00:09:00,959

themselves but um

217

00:09:04,630 --> 00:09:03,839

in brief i i guess i can say in

218

00:09:07,670 --> 00:09:04,640

roundabout

219

00:09:11,110 --> 00:09:07,680

terms um

220

00:09:13,750 --> 00:09:11,120

uh had some um

221

00:09:14,710 --> 00:09:13,760

flash to call his friends early one

222

00:09:17,430 --> 00:09:14,720

morning

223

00:09:19,110 --> 00:09:17,440

and to uh go out to uh i believe it's

224

00:09:22,310 --> 00:09:19,120

mount washington

225

00:09:23,190 --> 00:09:22,320

and they they drove out and then he um i

226

00:09:24,790 --> 00:09:23,200

believe he

227

00:09:27,590 --> 00:09:24,800

thought of a certain place of going and

228

00:09:30,790 --> 00:09:27,600

then um

229

00:09:31,910 --> 00:09:30,800

shortly thereafter they saw this uh this

230

00:09:34,949 --> 00:09:31,920

probe now

231

00:09:37,509 --> 00:09:34,959

i i have a a model of

232

00:09:39,750 --> 00:09:37,519

this is a 3d printed model you can see

233

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

and it looks something like this

234

00:09:43,829 --> 00:09:41,839

uh and you notice it's a very different

235

00:09:45,430 --> 00:09:43,839

shape it's it's not like your typical

236

00:09:49,030 --> 00:09:45,440

rocket of course

237

00:09:53,509 --> 00:09:51,590

again both of these individuals mr maher

238

00:09:56,630 --> 00:09:53,519

and mr miller are extraordinary people

239

00:10:01,190 --> 00:09:56,640

who uh were fighting extraordinary odds

240

00:10:03,030 --> 00:10:01,200

and um you know i wanted to help them

241

00:10:05,910 --> 00:10:03,040

and and how were they how were they

242

00:10:09,030 --> 00:10:05,920

received by themselves before you

243

00:10:09,350 --> 00:10:09,040

you helped them i mean did they actually

244

00:10:12,230 --> 00:10:09,360

go

245

00:10:12,949 --> 00:10:12,240

into where they thought they were

246

00:10:17,590 --> 00:10:12,959

getting this

247

00:10:22,949 --> 00:10:21,030

um well uh

248

00:10:24,630 --> 00:10:22,959

you know it depended it would depend on

249

00:10:25,350 --> 00:10:24,640

what audience they were speaking to you

250

00:10:27,269 --> 00:10:25,360

know

251

00:10:28,949 --> 00:10:27,279

there is sort of like the insiders and

252

00:10:31,269 --> 00:10:28,959

the outsiders um

253

00:10:32,470 --> 00:10:31,279

they did speak with some government

254

00:10:35,670 --> 00:10:32,480

officials in fact

255

00:10:36,550 --> 00:10:35,680

i don't have all the details of that mr

256

00:10:38,870 --> 00:10:36,560

moore

257

00:10:40,150 --> 00:10:38,880

did write a book called laser propulsion

258

00:10:43,590 --> 00:10:40,160

and may still be

259

00:10:45,110 --> 00:10:43,600

available mr uh moore also wrote another

260

00:10:48,310 --> 00:10:45,120

book

261

00:10:51,990 --> 00:10:48,320

called debris um but

262

00:10:55,030 --> 00:10:52,000

you know i i um

263

00:10:55,509 --> 00:10:55,040

you know i feel very strongly in the

264

00:10:58,949 --> 00:10:55,519

whole

265

00:11:03,350 --> 00:10:58,959

um ufo hypothesis or uap

266

00:11:05,350 --> 00:11:03,360

hypothesis uh and so that was sort of

267

00:11:06,870 --> 00:11:05,360

quickly uh established between us and so

268

00:11:08,150 --> 00:11:06,880

he was willing to share it

269

00:11:10,710 --> 00:11:08,160

i don't believe he shared that with

270

00:11:12,790 --> 00:11:10,720

everyone yeah yeah

271

00:11:14,069 --> 00:11:12,800

so what are your i guess i'll ask you in

272

00:11:17,110 --> 00:11:14,079

the beginning are your

273

00:11:18,949 --> 00:11:17,120

thoughts and part of the reason

274

00:11:20,630 --> 00:11:18,959

that you've got involved in this is are

275

00:11:24,230 --> 00:11:20,640

you are you thinking that

276

00:11:27,750 --> 00:11:24,240

um some of the propulsion that people

277

00:11:30,230 --> 00:11:27,760

uh may be seeing as a ufo

278

00:11:33,350 --> 00:11:30,240

has uh has a possibility in in some of

279

00:11:39,750 --> 00:11:36,389

well yes i mean um

280

00:11:44,310 --> 00:11:39,760

you know i think there's a

281

00:11:47,509 --> 00:11:44,320

consensus among a lot of people that

282

00:11:49,590 --> 00:11:47,519

the concept of newtonian

283

00:11:51,829 --> 00:11:49,600

based physics of a back exhaust system

284

00:11:55,829 --> 00:11:51,839

of rocket

285

00:11:57,430 --> 00:11:55,839

is ultimately you know 13th century

286

00:12:00,790 --> 00:11:57,440

physics we say

287

00:12:04,470 --> 00:12:00,800

um and uh you know with the initial

288

00:12:05,350 --> 00:12:04,480

invention of the of uh like gunpowder

289

00:12:07,110 --> 00:12:05,360

when they

290

00:12:08,389 --> 00:12:07,120

stuff gunpowder in a bit and a piece of

291

00:12:10,870 --> 00:12:08,399

bamboo and

292

00:12:12,629 --> 00:12:10,880

use it as fire rockets to uh attack

293

00:12:14,790 --> 00:12:12,639

their enemies so that was

294

00:12:15,910 --> 00:12:14,800

you know this is really ancient uh

295

00:12:19,509 --> 00:12:15,920

technology but

296

00:12:22,389 --> 00:12:19,519

you know certainly um in the early 20th

297

00:12:24,310 --> 00:12:22,399

century the uh quantum physicists

298

00:12:26,389 --> 00:12:24,320

showed that there's newtonian science

299

00:12:29,190 --> 00:12:26,399

and and something else

300

00:12:30,710 --> 00:12:29,200

and you get into um you know all the

301  
00:12:34,949 --> 00:12:30,720  
greats of the the

302  
00:12:39,110 --> 00:12:34,959  
quantum world of einstein schrodinger

303  
00:12:41,750 --> 00:12:39,120  
heisenberg etc and born and so um

304  
00:12:43,190 --> 00:12:41,760  
many people in many from many angles uh

305  
00:12:45,590 --> 00:12:43,200  
are working on

306  
00:12:46,710 --> 00:12:45,600  
you know new systems that are that are

307  
00:12:50,870 --> 00:12:46,720  
different

308  
00:12:52,790 --> 00:12:50,880  
uh than simply um you know shooting

309  
00:12:54,230 --> 00:12:52,800  
kerosene out the back of the of a

310  
00:12:57,269 --> 00:12:54,240  
canister

311  
00:12:58,069 --> 00:12:57,279  
yeah um i think uh you had a term for it

312  
00:13:00,069 --> 00:12:58,079  
um

313  
00:13:01,670 --> 00:13:00,079

i forget reactionary or whatever you

314

00:13:03,430 --> 00:13:01,680

called it um

315

00:13:08,389 --> 00:13:03,440

you know the type of pressure yeah back

316

00:13:14,949 --> 00:13:11,829

and so what is the um i guess

317

00:13:15,350 --> 00:13:14,959

if you want to attack any part of uh of

318

00:13:18,829 --> 00:13:15,360

these

319

00:13:20,949 --> 00:13:18,839

theories um you know i i i know one

320

00:13:23,910 --> 00:13:20,959

thing you know when it comes to

321

00:13:25,910 --> 00:13:23,920

quantum uh physics there's so many

322

00:13:28,230 --> 00:13:25,920

unexplainable things it's kind of like

323

00:13:30,629 --> 00:13:28,240

you know the between what's a wave and

324

00:13:31,910 --> 00:13:30,639

are we all you know uh you know the

325

00:13:34,870 --> 00:13:31,920

particles are we all just

326

00:13:36,790 --> 00:13:34,880

energy that somehow sticks together or

327

00:13:39,990 --> 00:13:36,800

you know it's really bizarre

328

00:13:43,189 --> 00:13:40,000

um spooky stuff

329

00:13:47,189 --> 00:13:43,199

when it comes to all the quantum physics

330

00:13:49,829 --> 00:13:47,199

yeah um it is not a trivial field

331

00:13:51,670 --> 00:13:49,839

it is uh you know i struggle to

332

00:13:55,269 --> 00:13:51,680

understand stuff i look up stuff

333

00:13:57,110 --> 00:13:55,279

on wikipedia um i've often

334

00:13:58,949 --> 00:13:57,120

spoken to people who know quite a lot

335

00:14:02,069 --> 00:13:58,959

more than myself

336

00:14:04,870 --> 00:14:02,079

and so um yeah you know there's a lot

337

00:14:05,750 --> 00:14:04,880

to learn for all of us and uh but it's

338

00:14:07,590 --> 00:14:05,760

fascinating

339

00:14:09,670 --> 00:14:07,600

uh you know like like you just mentioned

340

00:14:10,710 --> 00:14:09,680

how you know is the particles of the

341

00:14:13,590 --> 00:14:10,720

wave you know what

342

00:14:16,150 --> 00:14:13,600

you know the mystery of um action at a

343

00:14:19,829 --> 00:14:16,160

distance you know an entanglement

344

00:14:20,949 --> 00:14:19,839

um so it's curious and it's where things

345

00:14:24,310 --> 00:14:20,959

are headed

346

00:14:27,829 --> 00:14:24,320

um so yeah we

347

00:14:29,430 --> 00:14:27,839

we all uh you know it's an interesting

348

00:14:32,230 --> 00:14:29,440

field let me say that

349

00:14:32,949 --> 00:14:32,240

and and let me just add um that you know

350

00:14:34,550 --> 00:14:32,959

a couple

351

00:14:35,990 --> 00:14:34,560

caveats i meant to mention this at the

352

00:14:38,790 --> 00:14:36,000

beginning so

353

00:14:39,590 --> 00:14:38,800

i'm a teacher uh that's my bread and

354

00:14:42,710 --> 00:14:39,600

butter job

355

00:14:43,189 --> 00:14:42,720

and then i um i'm a writer and i've

356

00:14:46,710 --> 00:14:43,199

written

357

00:14:50,389 --> 00:14:46,720

a few books and i have some more books

358

00:14:53,269 --> 00:14:50,399

in in line to to publish

359

00:14:54,790 --> 00:14:53,279

and uh i'm not a trained academic

360

00:14:58,310 --> 00:14:54,800

physicist

361

00:15:02,069 --> 00:14:58,320

and um also that the ideas that i

362

00:15:05,110 --> 00:15:02,079

express are um uh

363

00:15:08,550 --> 00:15:05,120

solely from mr miller and mr marr

364

00:15:10,389 --> 00:15:08,560

uh and i'm just described that um

365

00:15:11,990 --> 00:15:10,399

you know i have some art skills some

366

00:15:14,150 --> 00:15:12,000

graphic skills

367

00:15:15,269 --> 00:15:14,160

uh it's a painting i'm working on in the

368

00:15:18,470 --> 00:15:15,279

background

369

00:15:21,910 --> 00:15:18,480

um every night

370

00:15:22,629 --> 00:15:21,920

um and uh so you know those are where my

371

00:15:25,670 --> 00:15:22,639

skills lie

372

00:15:27,990 --> 00:15:25,680

and and i feel i'm an open-minded person

373

00:15:28,949 --> 00:15:28,000

yeah open-minded open-mindedness is

374

00:15:31,990 --> 00:15:28,959

something

375

00:15:33,269 --> 00:15:32,000

where um that's how people can seem to

376

00:15:35,350 --> 00:15:33,279

move forward

377

00:15:36,949 --> 00:15:35,360

you know with about any part of science

378

00:15:37,350 --> 00:15:36,959

they have to have an open mind to try

379

00:15:40,870 --> 00:15:37,360

things

380

00:15:41,910 --> 00:15:40,880

failure all that um and learn from the

381

00:15:45,110 --> 00:15:41,920

failures and

382

00:15:48,230 --> 00:15:45,120

accept defeat when needed

383

00:15:50,629 --> 00:15:48,240

um what is uh what does the term

384

00:15:53,350 --> 00:15:50,639

quantum tunneling mean i've i've heard

385

00:15:56,629 --> 00:15:53,360

that term before

386

00:15:57,509 --> 00:15:56,639

right well that was uh a term created a

387

00:16:01,509 --> 00:15:57,519

while ago

388

00:16:05,590 --> 00:16:01,519

um and the idea was that you had

389

00:16:10,470 --> 00:16:05,600

a a particle in in one place um

390

00:16:12,389 --> 00:16:10,480

and then um it would go to another place

391

00:16:13,670 --> 00:16:12,399

although it didn't have enough energy to

392

00:16:16,389 --> 00:16:13,680

do so

393

00:16:17,509 --> 00:16:16,399

um it was you know this is the thing

394

00:16:20,629 --> 00:16:17,519

where there

395

00:16:21,509 --> 00:16:20,639

they described as like a hill that the

396

00:16:24,150 --> 00:16:21,519

particle

397

00:16:25,110 --> 00:16:24,160

didn't have the energy to kind of go

398

00:16:27,990 --> 00:16:25,120

over the hill

399

00:16:30,310 --> 00:16:28,000

or you know have enough energy to switch

400

00:16:34,230 --> 00:16:30,320

from one orbital to another in

401  
00:16:37,509 --> 00:16:34,240  
atomic um in quantum terms maybe

402  
00:16:39,189 --> 00:16:37,519  
and um and yet it did so so and then

403  
00:16:40,629 --> 00:16:39,199  
they found there was a probability that

404  
00:16:43,590 --> 00:16:40,639  
it did so i mean it

405  
00:16:44,069 --> 00:16:43,600  
not it wouldn't always work and and you

406  
00:16:46,470 --> 00:16:44,079  
know

407  
00:16:49,670 --> 00:16:46,480  
but some of the time that there was a

408  
00:16:53,350 --> 00:16:49,680  
probability that it could go over this

409  
00:16:55,110 --> 00:16:53,360  
one side of the hill to another from one

410  
00:16:57,110 --> 00:16:55,120  
you know place to another without having

411  
00:17:00,389 --> 00:16:57,120  
the energy to do so

412  
00:17:02,870 --> 00:17:00,399  
the the tricky thing and for which i get

413  
00:17:04,309 --> 00:17:02,880

scolded when i talk to um you know

414

00:17:07,029 --> 00:17:04,319

trained scientists

415

00:17:08,230 --> 00:17:07,039

is this you know very precise use of

416

00:17:12,150 --> 00:17:08,240

language

417

00:17:14,710 --> 00:17:12,160

and so um you know the term tunnel is

418

00:17:17,029 --> 00:17:14,720

just one way to describe something

419

00:17:18,549 --> 00:17:17,039

um but there's no like sort of actual

420

00:17:20,870 --> 00:17:18,559

tunnel it's just sort of a way of

421

00:17:22,069 --> 00:17:20,880

visualizing something um

422

00:17:25,270 --> 00:17:22,079

[Music]

423

00:17:28,390 --> 00:17:25,280

you know like that yeah so

424

00:17:29,190 --> 00:17:28,400

why don't you kind of like explain um

425

00:17:32,230 --> 00:17:29,200

the thoughts

426

00:17:36,070 --> 00:17:32,240

on your your your book

427

00:17:39,909 --> 00:17:36,080

um the blue blue book a blueprint

428

00:17:41,750 --> 00:17:39,919

for interstellar travel kind of um i i

429

00:17:43,110 --> 00:17:41,760

i brought in some of your illustrations

430

00:17:43,990 --> 00:17:43,120

i don't know if there's any you want to

431

00:17:46,870 --> 00:17:44,000

cue me on

432

00:17:48,870 --> 00:17:46,880

and i'll pop them up as as we go along

433

00:17:51,029 --> 00:17:48,880

if you'd like to and um you know for

434

00:17:53,350 --> 00:17:51,039

this is get can get a little tech heavy

435

00:17:55,190 --> 00:17:53,360

so but um i have your book

436

00:17:56,549 --> 00:17:55,200

and i do appreciate the way you laid it

437

00:17:58,950 --> 00:17:56,559

out so just about

438

00:18:00,470 --> 00:17:58,960

anybody or i can easily understand what

439

00:18:03,029 --> 00:18:00,480

you're trying to say

440

00:18:04,950 --> 00:18:03,039

and that that that's probably not all

441

00:18:08,789 --> 00:18:04,960

that easy to explain

442

00:18:12,150 --> 00:18:08,799

um these strange things in that way

443

00:18:13,270 --> 00:18:12,160

well thank you yes um i think the first

444

00:18:17,430 --> 00:18:13,280

thing

445

00:18:20,789 --> 00:18:17,440

is to is to say that um that the process

446

00:18:23,990 --> 00:18:20,799

is is not a back exhaust system it's not

447

00:18:27,029 --> 00:18:24,000

a rocket that's pushed forward

448

00:18:30,390 --> 00:18:27,039

and that goes uh along with you know

449

00:18:31,029 --> 00:18:30,400

more modern um propulsion systems that

450

00:18:34,470 --> 00:18:31,039

use uh

451

00:18:36,710 --> 00:18:34,480

ions and other systems that

452

00:18:38,549 --> 00:18:36,720

um you know still have this sort of back

453

00:18:42,150 --> 00:18:38,559

exhaust propulsion system

454

00:18:45,669 --> 00:18:42,160

or a solar sail system that sort of um

455

00:18:46,789 --> 00:18:45,679

where uh photons are pushing a panel and

456

00:18:49,590 --> 00:18:46,799

the um

457

00:18:51,270 --> 00:18:49,600

the object is moving that way so this is

458

00:18:53,510 --> 00:18:51,280

entirely different this is

459

00:18:54,950 --> 00:18:53,520

you know very much based on quantum

460

00:18:58,240 --> 00:18:54,960

properties

461

00:18:59,350 --> 00:18:58,250

um and so um

462

00:19:01,270 --> 00:18:59,360

[Music]

463

00:19:03,029 --> 00:19:01,280

you know that that's the first thing

464

00:19:06,549 --> 00:19:03,039

it's just important to say that

465

00:19:09,669 --> 00:19:06,559

uh this is also not an alcubierre drive

466

00:19:10,870 --> 00:19:09,679

uh you know the people who have an

467

00:19:13,029 --> 00:19:10,880

interest in this field are probably

468

00:19:16,230 --> 00:19:13,039

familiar with alcubierry

469

00:19:19,029 --> 00:19:16,240

and there there are many

470

00:19:19,830 --> 00:19:19,039

uh there are many ideas being you know

471

00:19:22,870 --> 00:19:19,840

um

472

00:19:24,230 --> 00:19:22,880

worked on at this time uh and and ours

473

00:19:28,710 --> 00:19:24,240

is just one of them

474

00:19:30,950 --> 00:19:28,720

um i want to say uh also before i begin

475

00:19:32,870 --> 00:19:30,960

i i'm sorry for the long introduction

476

00:19:34,870 --> 00:19:32,880

but the um

477

00:19:36,710 --> 00:19:34,880

uh during the process of creating my

478

00:19:40,390 --> 00:19:36,720

book again i'll show you that

479

00:19:44,150 --> 00:19:40,400

what it looks like here um

480

00:19:47,590 --> 00:19:44,160

and uh here we go and so

481

00:19:51,029 --> 00:19:47,600

i got uh about uh three phd

482

00:19:52,230 --> 00:19:51,039

you know academically trained scientists

483

00:19:55,830 --> 00:19:52,240

and i had about two

484

00:19:56,950 --> 00:19:55,840

um um people with the mechanical and

485

00:19:58,950 --> 00:19:56,960

electrical engineering

486

00:20:00,150 --> 00:19:58,960

uh look at the book maybe about three

487

00:20:03,510 --> 00:20:00,160

people like uh

488

00:20:07,029 --> 00:20:03,520

with master's degrees and they gave me

489

00:20:08,230 --> 00:20:07,039

uh various uh you know critiques and and

490

00:20:11,350 --> 00:20:08,240

some were

491

00:20:15,110 --> 00:20:11,360

um mildly supportive um

492

00:20:17,029 --> 00:20:15,120

some were uh questioning it at that time

493

00:20:20,310 --> 00:20:17,039

and one fellow who did have a phd in

494

00:20:24,789 --> 00:20:20,320

plasma physics said this could work uh

495

00:20:26,789 --> 00:20:24,799

so that was a great boost to me and um

496

00:20:28,470 --> 00:20:26,799

uh unfortunately i've signed an

497

00:20:30,950 --> 00:20:28,480

agreement with that fellow that i'm not

498

00:20:33,029 --> 00:20:30,960

allowed to mention his name

499

00:20:34,549 --> 00:20:33,039

so you know this is another constraint

500

00:20:37,830 --> 00:20:34,559

of you know

501  
00:20:41,190 --> 00:20:37,840  
that kind of a thing but in any case

502  
00:20:43,350 --> 00:20:41,200  
i did thereafter publish the book

503  
00:20:44,870 --> 00:20:43,360  
and i sent it to the chair of a physics

504  
00:20:47,430 --> 00:20:44,880  
department

505  
00:20:49,830 --> 00:20:47,440  
an interesting fellow because i later

506  
00:20:53,669 --> 00:20:49,840  
found he was associated with

507  
00:20:56,950 --> 00:20:53,679  
ttsa um and um

508  
00:20:59,830 --> 00:20:56,960  
so uh he said no that this

509  
00:21:01,270 --> 00:20:59,840  
this as it stands would not work so

510  
00:21:04,870 --> 00:21:01,280  
after that

511  
00:21:07,990 --> 00:21:04,880  
i decided to kind of pull back from um

512  
00:21:10,950 --> 00:21:08,000  
uh further promoting the book and

513  
00:21:12,310 --> 00:21:10,960

um because you know i didn't want to

514

00:21:15,029 --> 00:21:12,320

muddy the waters of

515

00:21:17,430 --> 00:21:15,039

you apology you know it used to be

516

00:21:19,110 --> 00:21:17,440

ufology now it's you apology

517

00:21:20,789 --> 00:21:19,120

and so uh i didn't want to make things

518

00:21:24,390 --> 00:21:20,799

any worse for um

519

00:21:26,549 --> 00:21:24,400

the field in respect to the field uh

520

00:21:28,470 --> 00:21:26,559

i've since come back from that opinion

521

00:21:30,549 --> 00:21:28,480

uh and i'll explain that

522

00:21:32,549 --> 00:21:30,559

um but i wanted to give you that fir

523

00:21:35,590 --> 00:21:32,559

that a little bit of intro that

524

00:21:36,549 --> 00:21:35,600

uh as it stands this book will not help

525

00:21:39,110 --> 00:21:36,559

you build a

526  
00:21:40,230 --> 00:21:39,120  
interstellar spaceship in your backyard

527  
00:21:42,470 --> 00:21:40,240  
um

528  
00:21:44,310 --> 00:21:42,480  
it is uh it is a foundation and i'll

529  
00:21:47,990 --> 00:21:44,320  
talk about that shortly

530  
00:21:52,149 --> 00:21:48,000  
so uh sorry for the long intro no no

531  
00:21:55,510 --> 00:21:54,470  
so uh i'm going to show you a picture

532  
00:21:57,669 --> 00:21:55,520  
that looks like

533  
00:21:58,789 --> 00:21:57,679  
like this you have this picture here yes

534  
00:22:02,070 --> 00:21:58,799  
i will bring that up

535  
00:22:02,870 --> 00:22:02,080  
um let's see uh show that one more time

536  
00:22:06,390 --> 00:22:02,880  
if you would

537  
00:22:08,070 --> 00:22:06,400  
yeah sure uh yes i have this

538  
00:22:09,830 --> 00:22:08,080

this right here yeah yeah that's right

539

00:22:13,270 --> 00:22:09,840

yeah yeah so

540

00:22:15,029 --> 00:22:13,280

uh we say that our probe and again it

541

00:22:17,110 --> 00:22:15,039

has this um

542

00:22:18,549 --> 00:22:17,120

you know a teardrop shape uh i don't

543

00:22:21,750 --> 00:22:18,559

know if you can see that

544

00:22:22,470 --> 00:22:21,760

but with um a lens divided into three

545

00:22:27,190 --> 00:22:22,480

parts

546

00:22:29,110 --> 00:22:27,200

and um the uh probe is aligned at

547

00:22:32,310 --> 00:22:29,120

a uh actually not we're not ready for

548

00:22:37,350 --> 00:22:34,470

yeah so yeah you can go on to the next

549

00:22:39,590 --> 00:22:37,360

uh image actually you had the uh

550

00:22:40,950 --> 00:22:39,600

right so the probe is aligned so that

551  
00:22:45,190 --> 00:22:40,960  
it's facing this

552  
00:22:48,470 --> 00:22:45,200  
planet and photons uh

553  
00:22:51,110 --> 00:22:48,480  
little particles of light are um

554  
00:22:51,510 --> 00:22:51,120  
you know are going to hit the front of

555  
00:23:06,230 --> 00:22:51,520  
the

556  
00:23:10,390 --> 00:23:06,240  
is uh isolated um

557  
00:23:13,909 --> 00:23:10,400  
so now uh that is existing technology

558  
00:23:17,190 --> 00:23:13,919  
in fact i i spoke with a harvard lab

559  
00:23:19,750 --> 00:23:17,200  
who told me um how they isolate

560  
00:23:22,230 --> 00:23:19,760  
individual uh photons so that is

561  
00:23:25,669 --> 00:23:22,240  
existing technology

562  
00:23:27,830 --> 00:23:25,679  
anyway once a single uh

563  
00:23:29,029 --> 00:23:27,840

photon is isolated so you see there's

564

00:23:31,190 --> 00:23:29,039

that group there and then we're going to

565

00:23:34,230 --> 00:23:31,200

just isolate one of them

566

00:23:34,710 --> 00:23:34,240

and then what happens next is we put

567

00:23:42,710 --> 00:23:34,720

that

568

00:23:45,269 --> 00:23:42,720

on the surface of the um

569

00:23:46,710 --> 00:23:45,279

of the probe now if you can go to the

570

00:23:49,750 --> 00:23:46,720

next one

571

00:23:51,590 --> 00:23:49,760

um and uh

572

00:23:53,269 --> 00:23:51,600

yeah i think that picture worked so

573

00:23:55,590 --> 00:23:53,279

you'll see that there's uh

574

00:23:56,870 --> 00:23:55,600

minus signs those are supposed to be

575

00:23:59,669 --> 00:23:56,880

minus signs on the

576  
00:24:01,350 --> 00:23:59,679  
the skin of the probe and then you see

577  
00:24:04,950 --> 00:24:01,360  
plus signs

578  
00:24:08,710 --> 00:24:04,960  
uh on what will be an extended beam

579  
00:24:11,750 --> 00:24:08,720  
a a laser beam of three kind of lasers

580  
00:24:15,350 --> 00:24:11,760  
um shooting forward again

581  
00:24:19,029 --> 00:24:15,360  
a a minus on the ship and a plus

582  
00:24:21,269 --> 00:24:19,039  
in a extended uh what we say

583  
00:24:22,310 --> 00:24:21,279  
laser extension with a with a possibly

584  
00:24:25,510 --> 00:24:22,320  
charged

585  
00:24:27,350 --> 00:24:25,520  
positron endpoint uh there's some

586  
00:24:30,070 --> 00:24:27,360  
technical terms here but

587  
00:24:33,190 --> 00:24:30,080  
i think you get a sense of that uh you

588  
00:24:36,230 --> 00:24:33,200

might go on to the next picture of

589

00:24:37,430 --> 00:24:36,240

yeah so what is really going on in that

590

00:24:40,870 --> 00:24:37,440

last picture

591

00:24:43,029 --> 00:24:40,880

you saw how that there were um uh

592

00:24:43,990 --> 00:24:43,039

laser beams and they were turning and

593

00:24:47,669 --> 00:24:44,000

they were turning both

594

00:24:51,590 --> 00:24:47,679

individually and as an ensemble

595

00:24:53,510 --> 00:24:51,600

so uh you see individually the uh

596

00:24:55,510 --> 00:24:53,520

there's a green light laser a red light

597

00:24:57,590 --> 00:24:55,520

laser and a blue light laser

598

00:24:58,870 --> 00:24:57,600

uh two of them are going one way one is

599

00:25:01,510 --> 00:24:58,880

going the other way

600

00:25:02,789 --> 00:25:01,520

and the whole ensemble is turning uh so

601  
00:25:05,990 --> 00:25:02,799  
now you can go back to that

602  
00:25:06,789 --> 00:25:06,000  
second picture again you talked about

603  
00:25:10,070 --> 00:25:06,799  
this one

604  
00:25:10,549 --> 00:25:10,080  
yeah well yeah that one there so you see

605  
00:25:13,510 --> 00:25:10,559  
how

606  
00:25:14,630 --> 00:25:13,520  
you know it's coming out of the uh probe

607  
00:25:17,669 --> 00:25:14,640  
they're turning

608  
00:25:20,870 --> 00:25:17,679  
and they're spinning like that and

609  
00:25:24,070 --> 00:25:20,880  
what we say is that um uh

610  
00:25:27,110 --> 00:25:24,080  
there's a lot going on here there's um

611  
00:25:27,990 --> 00:25:27,120  
uh a focus because it's a lens it's able

612  
00:25:31,590 --> 00:25:28,000  
to kind of focus

613  
00:25:33,909 --> 00:25:31,600

the energy uh and also um

614

00:25:36,470 --> 00:25:33,919

because of the properties of the lens we

615

00:25:39,190 --> 00:25:36,480

can can create these lasers that come to

616

00:25:42,630 --> 00:25:41,029

i'm going to go on now i i didn't give

617

00:25:46,149 --> 00:25:42,640

you these uh photos

618

00:25:46,950 --> 00:25:46,159

um uh but i gotta briefly show them to

619

00:25:51,029 --> 00:25:46,960

you

620

00:25:51,830 --> 00:25:51,039

uh so the there's something inside the

621

00:25:54,870 --> 00:25:51,840

probe that

622

00:25:56,710 --> 00:25:54,880

enables the uh lens to vibrate and

623

00:26:00,149 --> 00:25:56,720

that's creates uh

624

00:26:03,430 --> 00:26:00,159

those lasers and then uh let's see

625

00:26:07,510 --> 00:26:03,440

so uh as some

626

00:26:11,350 --> 00:26:07,520

the the lasers are produced they also um

627

00:26:14,149 --> 00:26:11,360

there's uh as the lens vibrates it

628

00:26:15,750 --> 00:26:14,159

creates something called phonons you you

629

00:26:17,269 --> 00:26:15,760

may have uh

630

00:26:19,669 --> 00:26:17,279

you know the old record player when the

631

00:26:22,630 --> 00:26:19,679

thing vibrates you're creating phonons

632

00:26:23,669 --> 00:26:22,640

and then um we're gonna go on a little

633

00:26:28,149 --> 00:26:23,679

bit

634

00:26:34,789 --> 00:26:31,590

this point uh

635

00:26:37,190 --> 00:26:34,799

there's a positive um positively charged

636

00:26:38,950 --> 00:26:37,200

point at the other end of this um

637

00:26:40,870 --> 00:26:38,960

these three laser beams that are focused

638

00:26:44,070 --> 00:26:40,880

on this point so

639

00:26:45,590 --> 00:26:44,080

we say that or i should more correctly

640

00:26:47,669 --> 00:26:45,600

say that mr miller says

641

00:26:48,710 --> 00:26:47,679

that this creates what's called a dirac

642

00:26:51,590 --> 00:26:48,720

string so

643

00:26:53,110 --> 00:26:51,600

kind of on one side you have something

644

00:26:55,110 --> 00:26:53,120

called an electron

645

00:26:57,110 --> 00:26:55,120

and on the other side you have something

646

00:27:00,070 --> 00:26:57,120

called a positron

647

00:27:02,310 --> 00:27:00,080

and this forms what what uh mr miller

648

00:27:05,510 --> 00:27:02,320

calls a dion

649

00:27:10,789 --> 00:27:08,950

we're we're beginning to um you know

650

00:27:12,630 --> 00:27:10,799

you if you want to use the term tunnel

651

00:27:16,390 --> 00:27:12,640

you know we're sort of

652

00:27:19,029 --> 00:27:16,400

creating a bridge um in space there

653

00:27:19,990 --> 00:27:19,039

now the interesting thing here i'm going

654

00:27:23,750 --> 00:27:20,000

to show you something

655

00:27:28,149 --> 00:27:23,760

here i got to find a right picture um

656

00:27:31,510 --> 00:27:28,159

but we say that um

657

00:27:35,269 --> 00:27:31,520

that you have an original photon that

658

00:27:37,590 --> 00:27:35,279

came out of that probe uh

659

00:27:39,909 --> 00:27:37,600

you if you go to that first shot or your

660

00:27:42,950 --> 00:27:39,919

first or second slide there

661

00:27:45,830 --> 00:27:42,960

uh actually the second slide

662

00:27:46,710 --> 00:27:45,840

yeah so you see that those photons are

663

00:27:50,950 --> 00:27:46,720

hidden that

664

00:27:52,470 --> 00:27:50,960

that probe like that and so um

665

00:27:54,070 --> 00:27:52,480

let me see i'm looking for something

666

00:27:57,830 --> 00:27:54,080

here uh

667

00:28:01,110 --> 00:27:57,840

in any case uh those photons

668

00:28:04,310 --> 00:28:01,120

in uh mr miller's uh

669

00:28:07,269 --> 00:28:04,320

understanding if i have this correct uh

670

00:28:07,590 --> 00:28:07,279

are made up of an electron and positron

671

00:28:11,110 --> 00:28:07,600

so

672

00:28:14,230 --> 00:28:11,120

what we're doing is we're swapping our

673

00:28:17,430 --> 00:28:14,240

probe with a um

674

00:28:18,630 --> 00:28:17,440

probe in um oh here here's the picture i

675

00:28:22,470 --> 00:28:18,640

was looking for

676

00:28:26,230 --> 00:28:22,480

uh with a uh uh

677

00:28:28,630 --> 00:28:26,240

the electron of a of a distant photon

678

00:28:29,350 --> 00:28:28,640

here's an example i'm speaking you know

679

00:28:31,350 --> 00:28:29,360

it's it's

680

00:28:32,950 --> 00:28:31,360

maybe getting uh confusing so i want to

681

00:28:36,870 --> 00:28:32,960

clarify something here

682

00:28:40,310 --> 00:28:36,880

so if you can see that imagine that

683

00:28:43,029 --> 00:28:40,320

there's uh two couples on a dance floor

684

00:28:44,070 --> 00:28:43,039

and uh they're dancing together then

685

00:28:47,510 --> 00:28:44,080

then the lights go

686

00:28:50,470 --> 00:28:47,520

dark and uh

687

00:28:53,029 --> 00:28:50,480

while the the um the lights go dark that

688

00:28:56,149 --> 00:28:53,039

the couples switch partners

689

00:28:57,029 --> 00:28:56,159

so essentially uh it's just it's a way

690

00:29:00,789 --> 00:28:57,039

uh i'm

691

00:29:03,590 --> 00:29:00,799

like a way to describe this process here

692

00:29:04,470 --> 00:29:03,600

so you you have an electron and a

693

00:29:07,750 --> 00:29:04,480

positron

694

00:29:09,830 --> 00:29:07,760

from the uh distant source

695

00:29:11,269 --> 00:29:09,840

you're creating an artificial electron

696

00:29:13,510 --> 00:29:11,279

and positron

697

00:29:15,029 --> 00:29:13,520

with our probe and endpoint and then

698

00:29:17,990 --> 00:29:15,039

you're swapping partners

699

00:29:18,789 --> 00:29:18,000

and then this probe is at the remote

700

00:29:22,310 --> 00:29:18,799

place

701  
00:29:24,470 --> 00:29:22,320  
many light years away you know

702  
00:29:25,350 --> 00:29:24,480  
in a way is it something is it similar

703  
00:29:28,470 --> 00:29:25,360  
to like

704  
00:29:33,110 --> 00:29:28,480  
quantum entanglement

705  
00:29:33,990 --> 00:29:33,120  
well um i mean it's like a reactionary

706  
00:29:37,110 --> 00:29:34,000  
thing you're

707  
00:29:40,230 --> 00:29:37,120  
you're talking about it seems like

708  
00:29:43,190 --> 00:29:40,240  
well it's more of a

709  
00:29:45,269 --> 00:29:43,200  
maybe you could say access to a

710  
00:29:47,830 --> 00:29:45,279  
interdimensional space

711  
00:29:48,549 --> 00:29:47,840  
i think it might be more accurate to say

712  
00:29:51,590 --> 00:29:48,559  
uh

713  
00:29:54,710 --> 00:29:51,600

and um that

714

00:29:56,630 --> 00:29:54,720

like mr miller has told me that space

715

00:29:58,149 --> 00:29:56,640

doesn't exist you know

716

00:30:00,230 --> 00:29:58,159

and again these are you know kind of

717

00:30:03,350 --> 00:30:00,240

abstract concepts to uh

718

00:30:06,549 --> 00:30:03,360

understand but um

719

00:30:09,269 --> 00:30:06,559

you know we normally think of like wow

720

00:30:10,230 --> 00:30:09,279

like we you know we walk down the street

721

00:30:12,950 --> 00:30:10,240

we get on a bus

722

00:30:15,110 --> 00:30:12,960

it takes us a half hour to get into town

723

00:30:16,870 --> 00:30:15,120

and that understanding of space you know

724

00:30:18,230 --> 00:30:16,880

it takes us time to get from one place

725

00:30:20,630 --> 00:30:18,240

to the other

726  
00:30:22,149 --> 00:30:20,640  
but let's say in a dream or something uh

727  
00:30:23,909 --> 00:30:22,159  
you're in one place and then suddenly

728  
00:30:27,590 --> 00:30:23,919  
you had another place

729  
00:30:28,950 --> 00:30:27,600  
and so um you know i

730  
00:30:30,950 --> 00:30:28,960  
you know we don't really understand

731  
00:30:32,950 --> 00:30:30,960  
dreams but um

732  
00:30:34,389 --> 00:30:32,960  
you know that that would be an analogy

733  
00:30:37,990 --> 00:30:34,399  
it's accessing a different

734  
00:30:39,750 --> 00:30:38,000  
dimension to achieve transport

735  
00:30:42,710 --> 00:30:39,760  
so is that what this is is this

736  
00:30:46,870 --> 00:30:42,720  
basically like an inter-dimensional

737  
00:30:49,350 --> 00:30:46,880  
uh hypothesis for travel

738  
00:30:51,750 --> 00:30:49,360

i'd cautiously say yes and cautiously

739

00:30:55,110 --> 00:30:51,760

because i'm not a trained scientist

740

00:30:55,750 --> 00:30:55,120

and nor can i convey the intelligence

741

00:30:58,950 --> 00:30:55,760

and

742

00:31:02,470 --> 00:30:58,960

logic of mr miller entirely

743

00:31:04,549 --> 00:31:02,480

um and

744

00:31:05,909 --> 00:31:04,559

as far as you know you mentioned that um

745

00:31:09,029 --> 00:31:05,919

you know other people are

746

00:31:11,750 --> 00:31:09,039

looking at similar things would you

747

00:31:13,750 --> 00:31:11,760

would you say this is like on the table

748

00:31:15,430 --> 00:31:13,760

somewhere or some parts of it on the

749

00:31:17,669 --> 00:31:15,440

table somewhere where

750

00:31:18,630 --> 00:31:17,679

um saying skunk works or something like

751

00:31:21,669 --> 00:31:18,640

that someone is

752

00:31:26,070 --> 00:31:21,679

maybe trying to develop something

753

00:31:29,269 --> 00:31:26,080

uh you know uh there's a group called uh

754

00:31:32,230 --> 00:31:29,279

apec apec and uh

755

00:31:33,830 --> 00:31:32,240

they have weekly uh meetings and uh

756

00:31:35,430 --> 00:31:33,840

there's some pretty extraordinary stuff

757

00:31:39,990 --> 00:31:35,440

going on with them

758

00:31:42,310 --> 00:31:40,000

um and i know a number of inventors i

759

00:31:46,149 --> 00:31:42,320

i'm an inventor myself

760

00:31:49,590 --> 00:31:46,159

there's a lot going on um you know

761

00:31:52,870 --> 00:31:49,600

on the civilian side certainly on the um

762

00:31:53,669 --> 00:31:52,880

government side uh there's a lot going

763

00:31:56,789 --> 00:31:53,679

on

764

00:31:58,830 --> 00:31:56,799

um and and

765

00:32:00,870 --> 00:31:58,840

of course it's it's debatable what these

766

00:32:05,029 --> 00:32:00,880

um recent uop

767

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

uap reports um you know represent

768

00:32:09,909 --> 00:32:07,679

yep and well while you just mentioned it

769

00:32:13,110 --> 00:32:09,919

so what do you what do you think about

770

00:32:18,710 --> 00:32:13,120

the recent report what's your opinion

771

00:32:21,750 --> 00:32:19,990

you know i'm laughing because you know

772

00:32:24,549 --> 00:32:21,760

there's so much tension in this thing

773

00:32:26,870 --> 00:32:24,559

um it was such a big build up you know

774

00:32:28,149 --> 00:32:26,880

180 days you know what's gonna happen

775

00:32:29,750 --> 00:32:28,159

are they going to

776

00:32:31,830 --> 00:32:29,760

spill the beans have been we've been

777

00:32:34,549 --> 00:32:31,840

waiting for for 30 years

778

00:32:37,350 --> 00:32:34,559

and so for all of us in the uap

779

00:32:40,070 --> 00:32:37,360

community it was a great disappointment

780

00:32:41,190 --> 00:32:40,080

um or i you know i don't know if i can

781

00:32:43,110 --> 00:32:41,200

speak for everybody but

782

00:32:45,029 --> 00:32:43,120

i think for a majority of people is a

783

00:32:47,990 --> 00:32:45,039

great disappointment

784

00:32:50,470 --> 00:32:48,000

and yet uh if you scratch the surface

785

00:32:53,190 --> 00:32:50,480

you saw that out of the 144

786

00:32:54,870 --> 00:32:53,200

um uh sightings only one could be

787

00:32:59,350 --> 00:32:54,880

explained as a balloon

788

00:33:06,310 --> 00:33:02,710

a passionate person and an advocate for

789

00:33:08,470 --> 00:33:06,320

um uap disclosure i write letters to

790

00:33:09,669 --> 00:33:08,480

congress and i encourage other people to

791

00:33:13,029 --> 00:33:09,679

do so

792

00:33:16,630 --> 00:33:13,039

and um and i'm i have some other

793

00:33:20,149 --> 00:33:18,549

when you and i were talking shortly off

794

00:33:24,149 --> 00:33:20,159

off air i was hoping to

795

00:33:27,909 --> 00:33:24,159

be able to pull up lawrence krauss

796

00:33:31,830 --> 00:33:27,919

you know an amazing um

797

00:33:35,590 --> 00:33:31,840

theoretical physicist uh from canada

798

00:33:38,950 --> 00:33:35,600

um had his take on the report

799

00:33:41,990 --> 00:33:38,960

and it was all kind of um

800

00:33:45,110 --> 00:33:42,000

kind of poo pooing the ufo community and

801  
00:33:47,350 --> 00:33:45,120  
how ridiculous ridiculous um

802  
00:33:48,630 --> 00:33:47,360  
we were uh i wish i could pull that up

803  
00:33:50,549 --> 00:33:48,640  
i'll try to pull it up at some point

804  
00:33:53,269 --> 00:33:50,559  
maybe i'll put it in the show notes

805  
00:33:54,070 --> 00:33:53,279  
but along those lines you know he he

806  
00:33:57,590 --> 00:33:54,080  
brings up

807  
00:34:00,389 --> 00:33:57,600  
uh mick west who seems to be the go-to

808  
00:34:01,750 --> 00:34:00,399  
debunker for all of these uh people but

809  
00:34:04,950 --> 00:34:01,760  
you know mick west

810  
00:34:07,590 --> 00:34:04,960  
is not a scientist mick west is a gamer

811  
00:34:08,149 --> 00:34:07,600  
someone who creates you know games um

812  
00:34:10,550 --> 00:34:08,159  
but

813  
00:34:12,310 --> 00:34:10,560

uh you know he has done some really good

814

00:34:15,030 --> 00:34:12,320

work but he's done a lot of

815

00:34:15,990 --> 00:34:15,040

you know senseless debunking and and

816

00:34:18,149 --> 00:34:16,000

it's uh

817

00:34:19,990 --> 00:34:18,159

you know i i think he he's kind of a

818

00:34:21,349 --> 00:34:20,000

pain in the neck to a lot of us

819

00:34:23,109 --> 00:34:21,359

in this field that really want the

820

00:34:24,710 --> 00:34:23,119

answers and and um

821

00:34:27,109 --> 00:34:24,720

you know i saw him write a comment the

822

00:34:27,510 --> 00:34:27,119

other day that something along the lines

823

00:34:29,030 --> 00:34:27,520

where

824

00:34:30,710 --> 00:34:29,040

you know everyone always says that he's

825

00:34:33,829 --> 00:34:30,720

calling everything birds

826

00:34:34,629 --> 00:34:33,839

um you know and it's kind of you know

827

00:34:38,950 --> 00:34:34,639

kind of true

828

00:34:40,790 --> 00:34:38,960

you know i mean he's he's um

829

00:34:42,230 --> 00:34:40,800

i understand you know debunking there is

830

00:34:44,470 --> 00:34:42,240

definitely a place for that there's

831

00:34:47,510 --> 00:34:44,480

definitely a place for skepticism

832

00:34:48,069 --> 00:34:47,520

especially when it comes to all this but

833

00:34:50,950 --> 00:34:48,079

um

834

00:34:51,270 --> 00:34:50,960

i also think that people can go too far

835

00:34:55,349 --> 00:34:51,280

and

836

00:34:57,109 --> 00:34:55,359

like they should know if

837

00:34:58,470 --> 00:34:57,119

anyone else knows then they should know

838

00:35:00,630 --> 00:34:58,480

type of thing

839

00:35:01,589 --> 00:35:00,640

yeah yeah i want to address these uh

840

00:35:04,310 --> 00:35:01,599

very points

841

00:35:05,349 --> 00:35:04,320

the points that you're bringing up very

842

00:35:08,230 --> 00:35:05,359

directly

843

00:35:08,950 --> 00:35:08,240

because i'm quite familiar with them and

844

00:35:13,510 --> 00:35:08,960

uh

845

00:35:15,910 --> 00:35:13,520

experiencing them

846

00:35:17,109 --> 00:35:15,920

so here i wrote down what are the five

847

00:35:20,230 --> 00:35:17,119

uh social

848

00:35:21,910 --> 00:35:20,240

taboos in you apology one is

849

00:35:23,270 --> 00:35:21,920

uh don't do anything that might harm

850

00:35:25,030 --> 00:35:23,280

your reputation

851  
00:35:27,510 --> 00:35:25,040  
so in the academic science world the

852  
00:35:28,950 --> 00:35:27,520  
scientists are reluctant to do anything

853  
00:35:30,950 --> 00:35:28,960  
that might harm you their reputation

854  
00:35:33,190 --> 00:35:30,960  
that they worked hard to uh

855  
00:35:35,030 --> 00:35:33,200  
to keep polished another thing is don't

856  
00:35:36,230 --> 00:35:35,040  
speak in public about paranormal

857  
00:35:37,829 --> 00:35:36,240  
experiences

858  
00:35:39,510 --> 00:35:37,839  
you have had where other people can

859  
00:35:41,589 --> 00:35:39,520  
overhear you

860  
00:35:42,829 --> 00:35:41,599  
some people will be scared some people

861  
00:35:46,550 --> 00:35:42,839  
will be

862  
00:35:49,750 --> 00:35:46,560  
dismissive uh you find it you have to

863  
00:35:51,030 --> 00:35:49,760

tread carefully about what you can share

864

00:35:52,950 --> 00:35:51,040

with others

865

00:35:55,589 --> 00:35:52,960

another thing is uh don't try to break

866

00:35:58,630 --> 00:35:55,599

the ice with a colleague who you sense

867

00:36:01,750 --> 00:35:58,640

are clueless and uninformed so there

868

00:36:05,510 --> 00:36:01,760

this is a reality that many people uh

869

00:36:08,790 --> 00:36:05,520

are clueless and uninformed and it's uh

870

00:36:09,349 --> 00:36:08,800

it can feel like a provocation to your

871

00:36:12,310 --> 00:36:09,359

own

872

00:36:13,430 --> 00:36:12,320

uh understanding and so when you try to

873

00:36:15,589 --> 00:36:13,440

break the ice with them

874

00:36:17,990 --> 00:36:15,599

they climb up and turn away these this

875

00:36:20,470 --> 00:36:18,000

is a reality what happens

876

00:36:22,069 --> 00:36:20,480

and then uh you may have family or

877

00:36:24,550 --> 00:36:22,079

significant others

878

00:36:26,150 --> 00:36:24,560

um who you think you can change them

879

00:36:28,550 --> 00:36:26,160

because you're close to them

880

00:36:30,870 --> 00:36:28,560

uh that may not always be the case and

881

00:36:33,190 --> 00:36:30,880

then again you also have to

882

00:36:33,990 --> 00:36:33,200

consider their reality and and the

883

00:36:36,470 --> 00:36:34,000

difference in

884

00:36:37,510 --> 00:36:36,480

you know ontologies perspectives on

885

00:36:39,670 --> 00:36:37,520

reality

886

00:36:42,069 --> 00:36:39,680

and lastly uh don't expect the media to

887

00:36:44,870 --> 00:36:42,079

be interested

888

00:36:46,790 --> 00:36:44,880

i actually contacted the new york times

889

00:36:49,190 --> 00:36:46,800

about another matter

890

00:36:50,870 --> 00:36:49,200

yesterday and i spoke to a fellow and i

891

00:36:52,390 --> 00:36:50,880

said you know why isn't there more

892

00:36:54,630 --> 00:36:52,400

coverage of this

893

00:36:56,390 --> 00:36:54,640

and he said oh well we do cover it uh

894

00:36:59,030 --> 00:36:56,400

you know we actually

895

00:37:00,390 --> 00:36:59,040

had a little uh podcast about the uh

896

00:37:01,750 --> 00:37:00,400

report and

897

00:37:03,910 --> 00:37:01,760

i said well why wasn't it on the front

898

00:37:05,750 --> 00:37:03,920

of the front page and when he says well

899

00:37:09,349 --> 00:37:05,760

he didn't really answer that one

900

00:37:12,470 --> 00:37:09,359

and so um uh i said

901  
00:37:14,069 --> 00:37:12,480  
we they do cover it and i said you you

902  
00:37:15,670 --> 00:37:14,079  
there isn't that much coverage and then

903  
00:37:17,270 --> 00:37:15,680  
he said well uh

904  
00:37:19,829 --> 00:37:17,280  
we may not cover it as much as you'd

905  
00:37:21,349 --> 00:37:19,839  
like to but we cover this

906  
00:37:23,349 --> 00:37:21,359  
you know that there are many other

907  
00:37:25,589 --> 00:37:23,359  
pressing issues and and

908  
00:37:26,390 --> 00:37:25,599  
um you know we we don't always cover

909  
00:37:29,990 --> 00:37:26,400  
this

910  
00:37:31,670 --> 00:37:30,000  
and then um uh

911  
00:37:33,430 --> 00:37:31,680  
i said well listen you know this is

912  
00:37:36,230 --> 00:37:33,440  
something could that could transform

913  
00:37:36,630 --> 00:37:36,240

all of civilization and you have remarks

914

00:37:39,990 --> 00:37:36,640

by

915

00:37:42,230 --> 00:37:40,000

um uh mr brenner the

916

00:37:43,910 --> 00:37:42,240

former head of the cia and you have uh

917

00:37:47,190 --> 00:37:43,920

certainly harry reid

918

00:37:51,829 --> 00:37:47,200

and uh now obama hillary clinton

919

00:37:55,829 --> 00:37:51,839

a lot of uh of course lou and um

920

00:37:59,030 --> 00:37:55,839

uh uh i forget his name the other fellow

921

00:38:03,270 --> 00:38:01,349

right let's get my mind for the moment

922

00:38:04,470 --> 00:38:03,280

but you know these people are really

923

00:38:07,109 --> 00:38:04,480

sticking their necks out

924

00:38:10,230 --> 00:38:07,119

and uh they're saying extraordinary

925

00:38:13,829 --> 00:38:10,240

things and the disconnect is powerful

926

00:38:15,990 --> 00:38:13,839

and uh i you know

927

00:38:17,510 --> 00:38:16,000

welcome every opportunity myself and and

928

00:38:20,950 --> 00:38:17,520

for others to

929

00:38:24,790 --> 00:38:20,960

uh pinpoint this disconnect you have

930

00:38:27,589 --> 00:38:24,800

top people saying um you know that

931

00:38:28,870 --> 00:38:27,599

there's some reality to the ufo uap

932

00:38:31,430 --> 00:38:28,880

hypothesis

933

00:38:32,870 --> 00:38:31,440

and other people are dismissive so you

934

00:38:33,270 --> 00:38:32,880

know certainly this should be something

935

00:38:35,190 --> 00:38:33,280

that

936

00:38:36,950 --> 00:38:35,200

it should be addressed in the media and

937

00:38:39,030 --> 00:38:36,960

it's not

938

00:38:39,990 --> 00:38:39,040

yes i listened to that podcast you're

939

00:38:42,790 --> 00:38:40,000

mentioning on

940

00:38:44,550 --> 00:38:42,800

the new york times did called the daily

941

00:38:48,950 --> 00:38:44,560

on the uap report

942

00:38:51,990 --> 00:38:48,960

and uh it was uh it was sort of snarky

943

00:38:55,270 --> 00:38:52,000

a little bit um it was it was

944

00:38:56,790 --> 00:38:55,280

yeah and also um the there

945

00:38:58,630 --> 00:38:56,800

i mentioned last week that there were

946

00:39:00,230 --> 00:38:58,640

two podcasts that i listened to on the

947

00:39:01,750 --> 00:39:00,240

way down to the berkshires when i was

948

00:39:04,790 --> 00:39:01,760

there

949

00:39:07,510 --> 00:39:04,800

and that was one of them and both

950

00:39:08,630 --> 00:39:07,520

podcasts said the same thing about

951  
00:39:11,589 --> 00:39:08,640  
roswell

952  
00:39:13,829 --> 00:39:11,599  
that it was a definitive that it was the

953  
00:39:14,390 --> 00:39:13,839  
mogul balloon you know the spy russian

954  
00:39:16,630 --> 00:39:14,400  
spine

955  
00:39:17,750 --> 00:39:16,640  
right clearly these people have not

956  
00:39:19,910 --> 00:39:17,760  
studied the field

957  
00:39:20,950 --> 00:39:19,920  
that's right you know that was just one

958  
00:39:23,990 --> 00:39:20,960  
of the um

959  
00:39:27,190 --> 00:39:24,000  
well dare i say one of the lies

960  
00:39:29,670 --> 00:39:27,200  
that the government told um

961  
00:39:30,470 --> 00:39:29,680  
um you know one of the five lies that

962  
00:39:31,910 --> 00:39:30,480  
they they

963  
00:39:33,990 --> 00:39:31,920

they talked about when it comes to

964

00:39:37,430 --> 00:39:34,000

roswell one of the five cover-ups

965

00:39:38,069 --> 00:39:37,440

basically um so that we are only left

966

00:39:41,589 --> 00:39:38,079

with the

967

00:39:45,270 --> 00:39:41,599

uh struggle to raise consciousness uh

968

00:39:47,510 --> 00:39:45,280

you know politely respectfully um

969

00:39:50,230 --> 00:39:47,520

with kindness and patience but

970

00:39:53,430 --> 00:39:50,240

persistently

971

00:39:55,349 --> 00:39:53,440

yeah yeah um

972

00:39:57,430 --> 00:39:55,359

anyway no thanks for your input on that

973

00:39:59,030 --> 00:39:57,440

i'm glad i'm glad we're kind of on the

974

00:40:02,550 --> 00:39:59,040

same page when it comes

975

00:40:03,829 --> 00:40:02,560

to that it's uh it it's a major story

976

00:40:05,670 --> 00:40:03,839

you're right you know i mean

977

00:40:08,470 --> 00:40:05,680

my friend i was talking to the other day

978

00:40:10,230 --> 00:40:08,480

said uh she said along the lines well

979

00:40:12,470 --> 00:40:10,240

you know she's out there talking to

980

00:40:15,349 --> 00:40:12,480

people that normally don't

981

00:40:17,190 --> 00:40:15,359

have an interest in ufos but asking them

982

00:40:18,309 --> 00:40:17,200

hey have you seen on the news you know

983

00:40:20,550 --> 00:40:18,319

about this uap

984

00:40:21,910 --> 00:40:20,560

report and you know the task force i'm

985

00:40:22,390 --> 00:40:21,920

looking into and all that and they said

986

00:40:27,030 --> 00:40:22,400

no

987

00:40:27,829 --> 00:40:27,040

something as extraordinary as it really

988

00:40:29,990 --> 00:40:27,839

is

989

00:40:31,190 --> 00:40:30,000

it's really not getting the coverage

990

00:40:33,750 --> 00:40:31,200

right

991

00:40:35,109 --> 00:40:33,760

it's a binary thing you're on or you're

992

00:40:39,109 --> 00:40:35,119

off you know

993

00:40:42,710 --> 00:40:39,119

and and it there is yes gradation there

994

00:40:43,270 --> 00:40:42,720

uh you know and this is the uh struggle

995

00:40:47,109 --> 00:40:43,280

that we

996

00:40:51,030 --> 00:40:47,119

those interests in this field face um

997

00:40:54,150 --> 00:40:51,040

you know that it's a strange thing

998

00:40:55,829 --> 00:40:54,160

i want to follow up on these things uh

999

00:40:58,069 --> 00:40:55,839

what you will find is that there's

1000

00:41:00,069 --> 00:40:58,079

dismissal and non-validation

1001  
00:41:02,390 --> 00:41:00,079  
there's a lack of interest by friends

1002  
00:41:04,150 --> 00:41:02,400  
families co-workers supervisors

1003  
00:41:05,589 --> 00:41:04,160  
of what you personally experience with

1004  
00:41:07,510 --> 00:41:05,599  
great intensity

1005  
00:41:09,510 --> 00:41:07,520  
there's a lack of comprehension and full

1006  
00:41:12,630 --> 00:41:09,520  
support

1007  
00:41:14,470 --> 00:41:12,640  
by those who whom one knows there's a

1008  
00:41:16,390 --> 00:41:14,480  
lack of academic feedback from

1009  
00:41:18,950 --> 00:41:16,400  
academically trained people

1010  
00:41:20,309 --> 00:41:18,960  
there's no commonality of terms it's

1011  
00:41:23,430 --> 00:41:20,319  
difficult in determining

1012  
00:41:23,750 --> 00:41:23,440  
the right specialty this low interest in

1013  
00:41:27,030 --> 00:41:23,760

the

1014

00:41:27,510 --> 00:41:27,040

uh uaps in fact i knew a professor and

1015

00:41:29,670 --> 00:41:27,520

he

1016

00:41:31,510 --> 00:41:29,680

a number of years ago i brought it up

1017

00:41:33,910 --> 00:41:31,520

and he was quite dismissive

1018

00:41:35,990 --> 00:41:33,920

but when i brought it up to him there's

1019

00:41:38,950 --> 00:41:36,000

often a rudeness in media venues

1020

00:41:40,710 --> 00:41:38,960

that you thought would be sympathetic um

1021

00:41:44,470 --> 00:41:40,720

i i've tried to reach different

1022

00:41:47,030 --> 00:41:44,480

alternative medias um media venues i

1023

00:41:50,150 --> 00:41:47,040

wasn't able to get through

1024

00:41:53,430 --> 00:41:50,160

and um and yet you know

1025

00:41:56,550 --> 00:41:53,440

the the curiously uh the right-wing

1026  
00:41:57,910 --> 00:41:56,560  
media the fox news and such uh have

1027  
00:41:59,030 --> 00:41:57,920  
picked this up

1028  
00:42:00,390 --> 00:41:59,040  
and then there's the economic

1029  
00:42:02,550 --> 00:42:00,400  
frustration that you don't have

1030  
00:42:04,470 --> 00:42:02,560  
resources to develop and convey your

1031  
00:42:05,670 --> 00:42:04,480  
ideas in a powerful way this is another

1032  
00:42:07,270 --> 00:42:05,680  
critical issue

1033  
00:42:09,190 --> 00:42:07,280  
so i just want to validate those

1034  
00:42:13,910 --> 00:42:09,200  
experiences for others

1035  
00:42:18,470 --> 00:42:16,630  
very good hey um there's been someone

1036  
00:42:21,109 --> 00:42:18,480  
asked a couple of people have asked

1037  
00:42:21,510 --> 00:42:21,119  
in the chat if you are familiar with who

1038  
00:42:25,430 --> 00:42:21,520

dr

1039

00:42:28,710 --> 00:42:25,440

eric davis is yes in fact i met him

1040

00:42:31,910 --> 00:42:28,720

uh you know i i don't know

1041

00:42:35,030 --> 00:42:31,920

personally but i i i didn't meet him

1042

00:42:39,430 --> 00:42:35,040

um and uh very bright guy

1043

00:42:39,829 --> 00:42:39,440

um in fact i said you know i have kind

1044

00:42:42,790 --> 00:42:39,839

of a

1045

00:42:44,630 --> 00:42:42,800

um or my friends have a theory for

1046

00:42:47,910 --> 00:42:44,640

interstellar travel and

1047

00:42:51,910 --> 00:42:47,920

uh you know we would like to develop

1048

00:42:53,670 --> 00:42:51,920

the math to defend it and i said uh

1049

00:42:56,950 --> 00:42:53,680

you know what do you suggest he said he

1050

00:43:01,990 --> 00:42:59,349

so uh you know i mean he said it gently

1051

00:43:05,910 --> 00:43:02,000

and and respectfully but um

1052

00:43:09,589 --> 00:43:05,920

you know i'm uh far from being able to

1053

00:43:11,750 --> 00:43:09,599

develop all the math but um davis is uh

1054

00:43:12,790 --> 00:43:11,760

you know very interesting character he's

1055

00:43:15,990 --> 00:43:12,800

um

1056

00:43:17,670 --> 00:43:16,000

uh said some thought some things in the

1057

00:43:21,349 --> 00:43:17,680

new york times article that were

1058

00:43:24,230 --> 00:43:21,359

um uh you know interesting

1059

00:43:27,349 --> 00:43:24,240

and provocative and he sort of goes to

1060

00:43:29,030 --> 00:43:27,359

the edge and comes back um

1061

00:43:30,630 --> 00:43:29,040

i respect the man he's another

1062

00:43:31,670 --> 00:43:30,640

extraordinary man in this extraordinary

1063

00:43:33,670 --> 00:43:31,680

time

1064

00:43:36,710 --> 00:43:33,680

yeah i like what you just said he goes

1065

00:43:40,309 --> 00:43:36,720

to the edge and comes back

1066

00:43:42,309 --> 00:43:40,319

so getting back to you mentioned um

1067

00:43:43,589 --> 00:43:42,319

there's some uh actually there's a

1068

00:43:44,230 --> 00:43:43,599

couple of questions in chat i'm gonna

1069

00:43:47,430 --> 00:43:44,240

pull up

1070

00:43:50,069 --> 00:43:47,440

in just a minute but um going back to

1071

00:43:50,870 --> 00:43:50,079

what you said earlier the the downloads

1072

00:43:53,670 --> 00:43:50,880

i mean

1073

00:43:54,069 --> 00:43:53,680

this is something that i've heard talk

1074

00:43:57,829 --> 00:43:54,079

about

1075

00:44:00,069 --> 00:43:57,839

it seems kind of um more recently

1076  
00:44:01,829 --> 00:44:00,079  
but i've heard people say that you know

1077  
00:44:02,950 --> 00:44:01,839  
all of a sudden they have this idea that

1078  
00:44:05,349 --> 00:44:02,960  
springs up

1079  
00:44:07,109 --> 00:44:05,359  
and you know right after a ufo event

1080  
00:44:09,030 --> 00:44:07,119  
which i think is fascinating

1081  
00:44:10,630 --> 00:44:09,040  
is that something you you know besides

1082  
00:44:13,270 --> 00:44:10,640  
of the story that those

1083  
00:44:14,470 --> 00:44:13,280  
two gentlemen told you miller and maurer

1084  
00:44:17,349 --> 00:44:14,480  
did you ever look

1085  
00:44:18,870 --> 00:44:17,359  
into if other people have claimed that

1086  
00:44:20,630 --> 00:44:18,880  
as well

1087  
00:44:23,030 --> 00:44:20,640  
well yes and in fact i was reading some

1088  
00:44:27,510 --> 00:44:23,040

interesting things yesterday and read it

1089

00:44:31,430 --> 00:44:27,520

and often these downloads are um kind of

1090

00:44:34,550 --> 00:44:31,440

vague um you know altruistic um

1091

00:44:39,430 --> 00:44:34,560

gestures of like um

1092

00:44:42,550 --> 00:44:39,440

you know um uh

1093

00:44:43,270 --> 00:44:42,560

heal the earth and or you know we all

1094

00:44:46,550 --> 00:44:43,280

know that

1095

00:44:49,589 --> 00:44:46,560

and and so um

1096

00:44:50,069 --> 00:44:49,599

you know i myself might have had some

1097

00:44:52,790 --> 00:44:50,079

experience

1098

00:44:54,230 --> 00:44:52,800

something like that years ago and and

1099

00:44:57,349 --> 00:44:54,240

maybe also similarly i

1100

00:44:59,190 --> 00:44:57,359

had a sense of like um

1101  
00:45:00,710 --> 00:44:59,200  
a desire to help others after that

1102  
00:45:03,670 --> 00:45:00,720  
experience but

1103  
00:45:04,950 --> 00:45:03,680  
um you know who knows but what we could

1104  
00:45:09,670 --> 00:45:04,960  
say is that

1105  
00:45:12,390 --> 00:45:09,680  
the um the the

1106  
00:45:13,910 --> 00:45:12,400  
the other the other whatever it may be

1107  
00:45:14,710 --> 00:45:13,920  
and various people use this term the

1108  
00:45:17,109 --> 00:45:14,720  
other

1109  
00:45:18,470 --> 00:45:17,119  
uh interacts at the level of

1110  
00:45:22,630 --> 00:45:18,480  
consciousness

1111  
00:45:23,990 --> 00:45:22,640  
and um i want to um

1112  
00:45:26,309 --> 00:45:24,000  
you know i want to talk about that a

1113  
00:45:28,150 --> 00:45:26,319

little bit so

1114

00:45:29,510 --> 00:45:28,160

so first let me kind of try to answer

1115

00:45:32,550 --> 00:45:29,520

your question so

1116

00:45:33,990 --> 00:45:32,560

um what like what do i think of these

1117

00:45:37,109 --> 00:45:34,000

download things

1118

00:45:39,750 --> 00:45:37,119

i think um you know some are

1119

00:45:41,589 --> 00:45:39,760

are rather vague ambiguous uh

1120

00:45:43,829 --> 00:45:41,599

generalizations

1121

00:45:45,829 --> 00:45:43,839

and some are seem to be quite specific

1122

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

and and what intrigued me

1123

00:45:50,790 --> 00:45:49,040

about um uh

1124

00:45:52,710 --> 00:45:50,800

mr miller is that he seemed to have

1125

00:45:57,349 --> 00:45:52,720

gotten very specific um

1126  
00:45:59,990 --> 00:45:57,359  
knowledge to enable him to get a patent

1127  
00:46:01,829 --> 00:46:00,000  
really that that's pretty amazing you

1128  
00:46:04,950 --> 00:46:01,839  
know and when it comes to

1129  
00:46:07,030 --> 00:46:04,960  
you you know sometimes you when you look

1130  
00:46:09,829 --> 00:46:07,040  
back in history you wonder

1131  
00:46:11,510 --> 00:46:09,839  
how certain people like tesla and

1132  
00:46:13,829 --> 00:46:11,520  
someone like that could have

1133  
00:46:14,710 --> 00:46:13,839  
all these amazing theories you know

1134  
00:46:16,950 --> 00:46:14,720  
there's the

1135  
00:46:18,550 --> 00:46:16,960  
uh alternating current supposedly he

1136  
00:46:21,510 --> 00:46:18,560  
scratched out on a

1137  
00:46:23,190 --> 00:46:21,520  
uh sand with a stick you know while it

1138  
00:46:26,390 --> 00:46:23,200

just came to him like that and

1139

00:46:27,109 --> 00:46:26,400

it's you know it's almost like uh how do

1140

00:46:29,589 --> 00:46:27,119

these people

1141

00:46:30,150 --> 00:46:29,599

get these ideas and their genius you

1142

00:46:31,829 --> 00:46:30,160

know

1143

00:46:33,510 --> 00:46:31,839

it doesn't i'm not saying it comes from

1144

00:46:36,069 --> 00:46:33,520

aliens but it sure is

1145

00:46:38,150 --> 00:46:36,079

pretty curious how some people just have

1146

00:46:39,829 --> 00:46:38,160

this amazing gift i guess

1147

00:46:42,309 --> 00:46:39,839

right like you know we all know the

1148

00:46:44,150 --> 00:46:42,319

mathematician uh ramanujan

1149

00:46:45,910 --> 00:46:44,160

uh you know it came up with

1150

00:46:49,510 --> 00:46:45,920

extraordinary mathematics

1151  
00:46:50,470 --> 00:46:49,520  
uh you know ideas that sent him from a

1152  
00:46:52,950 --> 00:46:50,480  
village in india

1153  
00:46:54,790 --> 00:46:52,960  
to the you know centers of mathematics

1154  
00:46:57,670 --> 00:46:54,800  
in england at the time

1155  
00:46:58,069 --> 00:46:57,680  
and um einstein described the way i

1156  
00:47:01,670 --> 00:46:58,079  
believe

1157  
00:47:03,910 --> 00:47:01,680  
einstein said that um he came up with

1158  
00:47:06,309 --> 00:47:03,920  
his theory of relativity

1159  
00:47:07,990 --> 00:47:06,319  
he said he experienced it viscerally he

1160  
00:47:10,710 --> 00:47:08,000  
had a visceral sensation you know

1161  
00:47:11,349 --> 00:47:10,720  
his muscles you know something sort of

1162  
00:47:14,230 --> 00:47:11,359  
uh

1163  
00:47:15,990 --> 00:47:14,240

blew through his muscles and he came up

1164

00:47:18,309 --> 00:47:16,000

with these ideas so

1165

00:47:19,589 --> 00:47:18,319

yeah you know in the next 20 years we

1166

00:47:20,950 --> 00:47:19,599

may have a better handle on what all

1167

00:47:23,750 --> 00:47:20,960

this is all about

1168

00:47:24,309 --> 00:47:23,760

yeah it seems like the more we learn the

1169

00:47:27,990 --> 00:47:24,319

less

1170

00:47:29,910 --> 00:47:28,000

we know about reality i feel that very

1171

00:47:33,190 --> 00:47:29,920

strongly i

1172

00:47:35,510 --> 00:47:33,200

i realize i know very little yeah

1173

00:47:37,510 --> 00:47:35,520

yeah and that goes back to you know what

1174

00:47:39,910 --> 00:47:37,520

you talked early on about

1175

00:47:41,190 --> 00:47:39,920

you know particles whether it's a wave

1176

00:47:43,430 --> 00:47:41,200

or or mass

1177

00:47:44,950 --> 00:47:43,440

and that also you know i'd like to at

1178

00:47:46,870 --> 00:47:44,960

some point we can touch on that

1179

00:47:48,150 --> 00:47:46,880

because mass is always always seems to

1180

00:47:51,430 --> 00:47:48,160

be the issue in

1181

00:47:54,790 --> 00:47:51,440

high-speed travel so here's a question

1182

00:47:57,750 --> 00:47:54,800

that i'm just not familiar with this uh

1183

00:47:58,790 --> 00:47:57,760

what are your thoughts on project green

1184

00:48:00,710 --> 00:47:58,800

glow do you haven't

1185

00:48:03,349 --> 00:48:00,720

do you happen to know what that is i

1186

00:48:05,589 --> 00:48:03,359

sure do and it's an excellent question

1187

00:48:07,270 --> 00:48:05,599

uh there is an excellent bbc uh

1188

00:48:10,870 --> 00:48:07,280

documentary on project glean

1189

00:48:14,309 --> 00:48:10,880

green glow uh it's not readily available

1190

00:48:16,630 --> 00:48:14,319

but i have seen it um

1191

00:48:18,870 --> 00:48:16,640

here's the thing you know there's a

1192

00:48:21,750 --> 00:48:18,880

fellow who was working on

1193

00:48:22,150 --> 00:48:21,760

an idea for antique you know uh gravity

1194

00:48:25,349 --> 00:48:22,160

or

1195

00:48:27,589 --> 00:48:25,359

gravity control uh he was dismissed he

1196

00:48:29,190 --> 00:48:27,599

struggled with it for many years

1197

00:48:30,790 --> 00:48:29,200

and then at the end of this very

1198

00:48:33,190 --> 00:48:30,800

provocative and mysterious uh

1199

00:48:36,230 --> 00:48:33,200

documentary by the bbc

1200

00:48:37,270 --> 00:48:36,240

um they they say you know and here's

1201

00:48:39,990 --> 00:48:37,280

evidence that they can

1202

00:48:41,589 --> 00:48:40,000

uh control gravity without any details

1203

00:48:45,109 --> 00:48:41,599

of like the technical um

1204

00:48:49,190 --> 00:48:45,119

aspect of it so what's

1205

00:48:52,230 --> 00:48:49,200

going on that that's i don't know um

1206

00:48:53,270 --> 00:48:52,240

but project green glow is interesting so

1207

00:48:56,150 --> 00:48:53,280

what do you mean control

1208

00:48:56,630 --> 00:48:56,160

gravity that that that's pretty bizarre

1209

00:48:59,109 --> 00:48:56,640

i mean

1210

00:49:01,190 --> 00:48:59,119

that would be um that would definitely

1211

00:49:03,829 --> 00:49:01,200

be an answer for so many things

1212

00:49:04,710 --> 00:49:03,839

you know energy travel you know it just

1213

00:49:07,030 --> 00:49:04,720

seems like if you

1214

00:49:08,230 --> 00:49:07,040

control gravity you can control about

1215

00:49:11,990 --> 00:49:08,240

anything

1216

00:49:15,589 --> 00:49:12,000

absolutely i mean uh it's been a quest

1217

00:49:18,630 --> 00:49:15,599

for you know centuries um

1218

00:49:20,150 --> 00:49:18,640

uh you know i i think really

1219

00:49:21,910 --> 00:49:20,160

i think i'm correct in saying that only

1220

00:49:24,309 --> 00:49:21,920

recently has uh

1221

00:49:25,589 --> 00:49:24,319

have gravity waves been discovered and

1222

00:49:28,549 --> 00:49:25,599

um

1223

00:49:30,790 --> 00:49:28,559

you know it's just a very slow

1224

00:49:34,309 --> 00:49:30,800

understanding of what gravity is

1225

00:49:37,030 --> 00:49:34,319

um with the higgs boson and um

1226

00:49:38,470 --> 00:49:37,040

you know but you know it's rich for

1227

00:49:40,470 --> 00:49:38,480

exploration we don't know

1228

00:49:41,990 --> 00:49:40,480

i i you know there people probably do

1229

00:49:44,390 --> 00:49:42,000

know but not me

1230

00:49:45,430 --> 00:49:44,400

yeah yeah yeah you just mentioned the

1231

00:49:48,950 --> 00:49:45,440

higgs boson

1232

00:49:51,829 --> 00:49:48,960

and that that's just another um

1233

00:49:53,510 --> 00:49:51,839

fascinating thing and and how far down

1234

00:49:54,390 --> 00:49:53,520

do these things go you know that type of

1235

00:49:58,790 --> 00:49:54,400

thing is just

1236

00:50:00,950 --> 00:49:58,800

another fascinating um you know uh

1237

00:50:02,870 --> 00:50:00,960

another bizarre thing that we've

1238

00:50:04,230 --> 00:50:02,880

discovered you know within the last so

1239

00:50:06,309 --> 00:50:04,240

many years

1240

00:50:07,430 --> 00:50:06,319

and uh you know more i think more and

1241

00:50:09,510 --> 00:50:07,440

more will be

1242

00:50:11,109 --> 00:50:09,520

coming along in that way just to let

1243

00:50:12,390 --> 00:50:11,119

people know in the chat if you want to

1244

00:50:14,549 --> 00:50:12,400

ask a question

1245

00:50:16,069 --> 00:50:14,559

uh please put it in all caps and at the

1246

00:50:17,349 --> 00:50:16,079

last half hour of the show

1247

00:50:19,670 --> 00:50:17,359

we're going to be going into break in

1248

00:50:21,589 --> 00:50:19,680

about five minutes here but in the last

1249

00:50:23,510 --> 00:50:21,599

half hour of the show we'll be taking

1250

00:50:24,710 --> 00:50:23,520

calls if you'd rather save your

1251

00:50:26,470 --> 00:50:24,720

questions for them but if you have a

1252

00:50:27,670 --> 00:50:26,480

question as we're going along please put

1253

00:50:30,870 --> 00:50:27,680

it in caps

1254

00:50:32,470 --> 00:50:30,880

um so i can um i'll i'll catch it

1255

00:50:35,270 --> 00:50:32,480

and see it and put it up if it's an

1256

00:50:37,750 --> 00:50:35,280

appropriate time for it

1257

00:50:38,390 --> 00:50:37,760

so i'm glad that you you you actually

1258

00:50:41,270 --> 00:50:38,400

have

1259

00:50:41,829 --> 00:50:41,280

an interest in you know the ufo topic i

1260

00:50:43,750 --> 00:50:41,839

think

1261

00:50:45,270 --> 00:50:43,760

when i was uh talking to you back and

1262

00:50:47,589 --> 00:50:45,280

forth in the beginning

1263

00:50:48,790 --> 00:50:47,599

uh figuring out if you'd make a great

1264

00:50:51,990 --> 00:50:48,800

guess for the show

1265

00:50:54,069 --> 00:50:52,000

um that topic came up but um

1266

00:50:55,349 --> 00:50:54,079

have you you mentioned something about a

1267

00:50:57,990 --> 00:50:55,359

possible

1268

00:50:58,390 --> 00:50:58,000

um download situation but have you

1269

00:51:01,270 --> 00:50:58,400

actually

1270

00:51:02,870 --> 00:51:01,280

yourself had any type of ufo unexplained

1271

00:51:05,910 --> 00:51:02,880

uh sightings

1272

00:51:08,150 --> 00:51:05,920

well yes i have um i was uh

1273

00:51:10,470 --> 00:51:08,160

riding on the four or five freeway in

1274

00:51:13,910 --> 00:51:10,480

california near carson

1275

00:51:15,829 --> 00:51:13,920

and uh i saw a gigantic um circular

1276

00:51:18,870 --> 00:51:15,839

shadow on the highway

1277

00:51:20,710 --> 00:51:18,880

and you know as in a lot of california

1278

00:51:24,069 --> 00:51:20,720

the skies are clear blue

1279

00:51:24,950 --> 00:51:24,079

right i saw from a distance i could see

1280

00:52:08,630 --> 00:51:24,960

a

1281

00:52:11,109 --> 00:52:08,640

the 1980s

1282

00:52:12,630 --> 00:52:11,119

and i pointed out to uh i was at school

1283

00:52:14,150 --> 00:52:12,640

in school at the time and i pointed out

1284

00:52:16,870 --> 00:52:14,160

to my peers

1285

00:52:17,190 --> 00:52:16,880

and um none of them were interested i

1286

00:52:21,589 --> 00:52:17,200

mean

1287

00:52:22,309 --> 00:52:21,599

and i said like there's a white dash in

1288

00:52:25,589 --> 00:52:22,319

the sky

1289

00:52:27,109 --> 00:52:25,599

it's not moving why isn't anybody

1290

00:52:30,230 --> 00:52:27,119

interested you know

1291

00:52:32,870 --> 00:52:30,240

and so it was that remarkable thing of

1292

00:52:34,069 --> 00:52:32,880

switch on switch off and then it was on

1293

00:52:36,790 --> 00:52:34,079

it was interesting that

1294

00:52:37,750 --> 00:52:36,800

uh out of about 30 students uh there was

1295

00:52:40,549 --> 00:52:37,760

one other student

1296

00:52:41,910 --> 00:52:40,559

a woman who was also curious about it

1297

00:52:45,349 --> 00:52:41,920

herself

1298

00:52:48,549 --> 00:52:45,359

and um she uh she stood and watched

1299

00:52:51,430 --> 00:52:48,559

this white object with me for a while

1300

00:52:52,549 --> 00:52:51,440

and uh it's interesting to one might

1301

00:52:55,190 --> 00:52:52,559

point out that she

1302

00:52:55,910 --> 00:52:55,200

um seemed to be a socially conscious and

1303

00:52:58,150 --> 00:52:55,920

socially

1304

00:52:58,950 --> 00:52:58,160

aware person she was doing various

1305

00:53:02,230 --> 00:52:58,960

social issues

1306

00:53:03,589 --> 00:53:02,240

documentaries and uh

1307

00:53:05,589 --> 00:53:03,599

the other students that i was working

1308

00:53:09,030 --> 00:53:05,599

with um had more sort of

1309

00:53:10,790 --> 00:53:09,040

uh commercial interests and who knows

1310

00:53:12,710 --> 00:53:10,800

there may be a connection with a certain

1311

00:53:14,870 --> 00:53:12,720

you know personality type

1312

00:53:16,710 --> 00:53:14,880

yeah so did this thing ever move or

1313

00:53:19,990 --> 00:53:16,720

anything

1314

00:53:22,150 --> 00:53:20,000

no it didn't but i later uh

1315

00:53:24,230 --> 00:53:22,160

saw there was some astronomer on the

1316

00:53:27,109 --> 00:53:24,240

east coast i think in the uh

1317

00:53:27,990 --> 00:53:27,119

mid-atlantic states who was a um

1318

00:53:29,910 --> 00:53:28,000

astronomer

1319

00:53:32,069 --> 00:53:29,920

and he had taken pictures of it and it

1320

00:53:35,270 --> 00:53:32,079

was the same thing i had seen

1321

00:53:36,950 --> 00:53:35,280

and uh some people had said you know oh

1322

00:53:38,390 --> 00:53:36,960

that looks like some kind of google

1323

00:53:40,950 --> 00:53:38,400

blimp or something

1324

00:53:42,710 --> 00:53:40,960

but this was in the 1980s before google

1325

00:53:46,150 --> 00:53:42,720

had become google

1326

00:53:49,510 --> 00:53:46,160

yeah early 80s and you know so

1327

00:53:49,829 --> 00:53:49,520

uh it was validating to see that someone

1328

00:53:52,470 --> 00:53:49,839

else

1329

00:53:53,750 --> 00:53:52,480

had seen the same thing i had seen uh

1330

00:53:56,790 --> 00:53:53,760

you know it looked

1331

00:53:59,990 --> 00:53:56,800

it looked the same so uh

1332

00:54:01,190 --> 00:54:00,000

you know i don't know wow well uh we're

1333

00:54:04,230 --> 00:54:01,200

just about ready to go

1334

00:54:07,430 --> 00:54:04,240

into break here but um the thing about

1335

00:54:08,630 --> 00:54:07,440

i i just wanted to ask you real quickly

1336

00:54:11,589 --> 00:54:08,640

is uh

1337

00:54:12,710 --> 00:54:11,599

the when you saw the shadow in the road

1338

00:54:14,950 --> 00:54:12,720

you know a lot of times that

1339

00:54:15,829 --> 00:54:14,960

i've mentioned on this show and my

1340

00:54:17,270 --> 00:54:15,839

thoughts are

1341

00:54:18,950 --> 00:54:17,280

that there's only so much of the

1342

00:54:21,670 --> 00:54:18,960

spectrum that we can see and there's

1343

00:54:23,109 --> 00:54:21,680

possibly out things outside the spectrum

1344

00:54:24,710 --> 00:54:23,119

that are right in front of us that we

1345

00:54:28,950 --> 00:54:24,720

can't even notice

1346

00:54:32,230 --> 00:54:28,960

you know and and i'm wondering um

1347

00:54:34,390 --> 00:54:32,240

if uh if your thoughts were that

1348

00:54:36,549 --> 00:54:34,400

um this was something that was there but

1349

00:54:38,950 --> 00:54:36,559

you just couldn't see it

1350

00:54:40,710 --> 00:54:38,960

sure you know some kind of stealth

1351

00:54:44,470 --> 00:54:40,720

something i i don't know

1352

00:54:46,470 --> 00:54:44,480

um but i i visually didn't see anything

1353

00:54:49,430 --> 00:54:46,480

but i did see a shadow

1354

00:54:50,870 --> 00:54:49,440

and um it was curious that it was right

1355

00:54:52,390 --> 00:54:50,880

on the highway

1356

00:54:54,549 --> 00:54:52,400

so i would think a lot of other people

1357

00:54:57,270 --> 00:54:54,559

would have seen it as well

1358

00:54:58,630 --> 00:54:57,280

right right excellent well it's time to

1359

00:55:01,910 --> 00:54:58,640

go into break and i just want to

1360

00:55:03,750 --> 00:55:01,920

mention that um during this break here

1361

00:55:05,349 --> 00:55:03,760

since i thought we were not going to be

1362

00:55:07,589 --> 00:55:05,359

talking about

1363

00:55:09,510 --> 00:55:07,599

you know interstellar travel etc i

1364

00:55:11,750 --> 00:55:09,520

decided to play a clip

1365

00:55:14,309 --> 00:55:11,760

um that is with uh alan bean who was the

1366

00:55:16,309 --> 00:55:14,319

fourth person on the moon this is just a

1367

00:55:17,910 --> 00:55:16,319

three and a half minute clip of him

1368

00:55:20,069 --> 00:55:17,920

talking about what it was like

1369

00:55:21,190 --> 00:55:20,079

i recorded with alan bean several years

1370

00:55:23,510 --> 00:55:21,200

ago um

1371

00:55:25,030 --> 00:55:23,520

about his artwork actually and uh here's

1372

00:55:25,829 --> 00:55:25,040

the clip now so if you're over there at

1373

00:55:28,069 --> 00:55:25,839

um

1374

00:55:32,870 --> 00:55:28,079

kgr a radio we'll be right back right

1375

00:55:38,230 --> 00:55:35,910

um what what was it like

1376

00:55:39,750 --> 00:55:38,240

to stand on the moon and look up at

1377

00:55:42,950 --> 00:55:39,760

earth i mean that

1378

00:55:46,309 --> 00:55:42,960

is that just beyond words well

1379

00:55:46,710 --> 00:55:46,319

it i don't know if it's beyond words or

1380

00:55:51,190 --> 00:55:46,720

not

1381

00:55:53,750 --> 00:55:51,200

but it is very science fiction

1382

00:55:54,230 --> 00:55:53,760

when you're doing it i mean it's you're

1383

00:55:57,829 --> 00:55:54,240

there

1384

00:56:00,950 --> 00:55:57,839

and you're saying i was saying this

1385

00:56:02,390 --> 00:56:00,960

this is the moon that is the earth it

1386

00:56:05,910 --> 00:56:02,400

was hard to believe

1387

00:56:07,829 --> 00:56:05,920

it was true uh although it i knew it was

1388

00:56:09,510 --> 00:56:07,839

true i was standing there looking at it

1389

00:56:13,190 --> 00:56:09,520

but still

1390

00:56:16,950 --> 00:56:13,200

it seems so uh

1391

00:56:19,589 --> 00:56:16,960

improbable and impossible up till

1392

00:56:22,630 --> 00:56:19,599

you know we actually did it uh four

1393

00:56:25,270 --> 00:56:22,640

months before back in 1969

1394

00:56:27,430 --> 00:56:25,280

neal and buzz were on the moon in july

1395

00:56:28,309 --> 00:56:27,440

and we went in november pete conrad and

1396

00:56:41,190 --> 00:56:28,319

i

1397

00:56:43,030 --> 00:56:41,200

we were born

1398

00:56:45,510 --> 00:56:43,040

and we knew that when we were little

1399

00:56:48,150 --> 00:56:45,520

kids and we knew it as we grow up

1400

00:56:48,950 --> 00:56:48,160

and we knew it when we were young men

1401  
00:56:51,910 --> 00:56:48,960  
and and

1402  
00:56:54,470 --> 00:56:51,920  
finally we said well we're going to try

1403  
00:56:58,309 --> 00:56:54,480  
to do this we're going to do this so

1404  
00:57:01,430 --> 00:56:58,319  
it's uh it's kind of uh

1405  
00:57:02,870 --> 00:57:01,440  
amazing to us even and

1406  
00:57:04,950 --> 00:57:02,880  
i think that's one of the reasons

1407  
00:57:07,190 --> 00:57:04,960  
there's not

1408  
00:57:08,150 --> 00:57:07,200  
good distributions of the descriptions

1409  
00:57:11,270 --> 00:57:08,160  
of the feelings

1410  
00:57:14,870 --> 00:57:11,280  
is because they were so

1411  
00:57:17,190 --> 00:57:14,880  
uh impossible to to believe

1412  
00:57:18,549 --> 00:57:17,200  
yourself even though you're doing it and

1413  
00:57:21,670 --> 00:57:18,559

so

1414

00:57:23,510 --> 00:57:21,680

as i say i would be saying you know this

1415

00:57:26,710 --> 00:57:23,520

is the moon i look down at my

1416

00:57:27,270 --> 00:57:26,720

footprint this is the moon and i look up

1417

00:57:29,349 --> 00:57:27,280

and i say

1418

00:57:31,430 --> 00:57:29,359

that is the earth i'll tell you this

1419

00:57:34,150 --> 00:57:31,440

it's 239

1420

00:57:34,710 --> 00:57:34,160

000 miles away that's a long long way

1421

00:57:37,750 --> 00:57:34,720

yeah

1422

00:57:39,990 --> 00:57:37,760

and you have to hope that

1423

00:57:41,270 --> 00:57:40,000

the people put your rocket together

1424

00:57:43,190 --> 00:57:41,280

correctly

1425

00:57:45,750 --> 00:57:43,200

the little old ladies that sewed up your

1426

00:57:48,150 --> 00:57:45,760

spacesuit they did a good job

1427

00:57:49,750 --> 00:57:48,160

your neck is way out when you go on a

1428

00:57:53,030 --> 00:57:49,760

space mission

1429

00:57:56,069 --> 00:57:53,040

uh you know things can go wrong you just

1430

00:57:59,030 --> 00:57:56,079

are saying this is worth to me

1431

00:58:00,470 --> 00:57:59,040

the risk and i just hope nothing goes

1432

00:58:03,270 --> 00:58:00,480

wrong that

1433

00:58:05,190 --> 00:58:03,280

can't be fixed or that would be fatal so

1434

00:58:06,390 --> 00:58:05,200

you know that but you don't think about

1435

00:58:09,270 --> 00:58:06,400

it very much

1436

00:58:10,390 --> 00:58:09,280

yeah um the last question i have for you

1437

00:58:12,549 --> 00:58:10,400

about

1438

00:58:15,750 --> 00:58:12,559

the moon has anyone ever confronted you

1439

00:58:19,190 --> 00:58:15,760

about this silly moon conspiracy thing

1440

00:58:22,789 --> 00:58:19,200

oh sure people do it they usually

1441

00:58:24,390 --> 00:58:22,799

say things like i've got an aunt that uh

1442

00:58:26,470 --> 00:58:24,400

that doesn't believe you went to the

1443

00:58:29,030 --> 00:58:26,480

moon yeah and i

1444

00:58:29,910 --> 00:58:29,040

i'm a believer in letting people be who

1445

00:58:32,230 --> 00:58:29,920

they want to be

1446

00:58:33,670 --> 00:58:32,240

they don't want to believe it's okay it

1447

00:58:36,630 --> 00:58:33,680

doesn't hurt anybody

1448

00:58:37,030 --> 00:58:36,640

you know you know they don't believe it

1449

00:58:40,069 --> 00:58:37,040

well

1450

00:58:41,030 --> 00:58:40,079

i i'm tell your aunt uh good luck or

1451

00:58:43,109 --> 00:58:41,040

tell your aunt

1452

00:58:44,789 --> 00:58:43,119

you know hold on to that belief there's

1453

00:58:48,230 --> 00:58:44,799

nothing wrong with it

1454

00:58:50,309 --> 00:58:48,240

it's just not the way i see it and uh

1455

00:58:51,910 --> 00:58:50,319

not the way i remember it but it's okay

1456

00:58:52,390 --> 00:58:51,920

there's nothing wrong with it i would

1457

00:59:17,109 --> 00:58:52,400

never

1458

00:59:20,789 --> 00:59:19,910

a uh a clip from alan bean that's an

1459

00:59:23,030 --> 00:59:20,799

excerpt

1460

00:59:24,950 --> 00:59:23,040

of a full interview i did with him about

1461

00:59:27,030 --> 00:59:24,960

his his beautiful artwork

1462

00:59:28,069 --> 00:59:27,040

as you saw up on the screen there if

1463

00:59:31,190 --> 00:59:28,079

you're watching on

1464

00:59:33,589 --> 00:59:31,200

youtube or facebook that is just

1465

00:59:35,030 --> 00:59:33,599

incredible his work was so realistic

1466

00:59:36,549 --> 00:59:35,040

and he's the only one that ever walked

1467

00:59:37,349 --> 00:59:36,559

on the moon that is painting these

1468

00:59:40,470 --> 00:59:37,359

pictures

1469

00:59:43,589 --> 00:59:40,480

wow what a nice attitude here we go

1470

00:59:45,190 --> 00:59:43,599

talking about three two one go

1471

00:59:47,750 --> 00:59:45,200

all right welcome back this is martin

1472

00:59:51,670 --> 00:59:47,760

willis and my guest tonight is uh

1473

00:59:54,470 --> 00:59:51,680

paul kirsch and uh we are discussing

1474

00:59:55,270 --> 00:59:54,480

um a lot of topics um i'm glad to say

1475

00:59:58,549 --> 00:59:55,280

that we're

1476

01:00:01,829 --> 00:59:58,559

um talking as well about the ufo topic

1477

01:00:04,069 --> 01:00:01,839

and um um because uh

1478

01:00:05,349 --> 01:00:04,079

they're they're the one of the main

1479

01:00:08,069 --> 01:00:05,359

things i always hear

1480

01:00:08,789 --> 01:00:08,079

you know physicists or astrophysicists

1481

01:00:11,750 --> 01:00:08,799

um

1482

01:00:13,270 --> 01:00:11,760

or astronomers talk about when they're

1483

01:00:15,510 --> 01:00:13,280

skeptical which i believe

1484

01:00:16,549 --> 01:00:15,520

you know they have every right to be

1485

01:00:19,990 --> 01:00:16,559

skeptical

1486

01:00:22,870 --> 01:00:20,000

about you know how ufos get here is the

1487

01:00:25,349 --> 01:00:22,880

vastness of space it's not even

1488

01:00:26,870 --> 01:00:25,359

um something that we can comprehend in

1489

01:00:30,870 --> 01:00:26,880

any type of way

1490

01:00:33,349 --> 01:00:30,880

um so um i i've said this before

1491

01:00:35,109 --> 01:00:33,359

um with an astrophysicist that was on

1492

01:00:38,230 --> 01:00:35,119

this show at one point uh

1493

01:00:39,349 --> 01:00:38,240

jeffrey bennett said that he was working

1494

01:00:43,430 --> 01:00:39,359

on a model

1495

01:00:47,190 --> 01:00:43,440

and the model was that the sun

1496

01:00:51,270 --> 01:00:47,200

would be the size of a grapefruit

1497

01:00:53,510 --> 01:00:51,280

in i want to say he said maryland

1498

01:00:54,789 --> 01:00:53,520

right around washington dc so it's

1499

01:00:59,030 --> 01:00:54,799

sitting in washington dc

1500

01:01:01,270 --> 01:00:59,040

the size of a grapefruit the earth

1501  
01:01:03,589 --> 01:01:01,280  
next to that is the size of the ball and

1502  
01:01:04,950 --> 01:01:03,599  
a ballpoint pen

1503  
01:01:07,109 --> 01:01:04,960  
now you go all the way over to

1504  
01:01:08,150 --> 01:01:07,119  
california and that's the first star the

1505  
01:01:10,150 --> 01:01:08,160  
closest star

1506  
01:01:11,589 --> 01:01:10,160  
to us that's four and a half light years

1507  
01:01:13,910 --> 01:01:11,599  
away so

1508  
01:01:15,829 --> 01:01:13,920  
if you can kind of imagine the sun being

1509  
01:01:19,589 --> 01:01:15,839  
the size as a grapefruit

1510  
01:01:20,710 --> 01:01:19,599  
and us being the size the little teeny

1511  
01:01:23,430 --> 01:01:20,720  
tiny size

1512  
01:01:25,030 --> 01:01:23,440  
of a ball ball and a ballpoint pen and

1513  
01:01:26,950 --> 01:01:25,040

then all the way over to the west coast

1514

01:01:30,150 --> 01:01:26,960

to california

1515

01:01:33,270 --> 01:01:30,160

that's how far the distances of the uh

1516

01:01:34,789 --> 01:01:33,280

nearest star to us so i understand why a

1517

01:01:35,990 --> 01:01:34,799

physicist would say you know it's

1518

01:01:37,510 --> 01:01:36,000

impossible

1519

01:01:39,510 --> 01:01:37,520

you know it would take us four and a

1520

01:01:43,030 --> 01:01:39,520

half years at light speed

1521

01:01:45,750 --> 01:01:43,040

to get to the nearest star so and

1522

01:01:47,589 --> 01:01:45,760

as far as we know there's no type of

1523

01:01:49,589 --> 01:01:47,599

travel that will even

1524

01:01:50,870 --> 01:01:49,599

reach near light speed and then you have

1525

01:01:54,069 --> 01:01:50,880

all the elements of the

1526

01:01:56,870 --> 01:01:54,079

the time uh variants and all that

1527

01:01:58,150 --> 01:01:56,880

so um want to hear your your thoughts on

1528

01:02:01,270 --> 01:01:58,160

everything i just black babbled

1529

01:02:04,390 --> 01:02:01,280

but you were listening right yes yes yes

1530

01:02:07,990 --> 01:02:04,400

so well i i uh i want to

1531

01:02:10,950 --> 01:02:08,000

say that you know our uh

1532

01:02:11,750 --> 01:02:10,960

the theory of of transport that mr

1533

01:02:15,190 --> 01:02:11,760

milller uh

1534

01:02:18,470 --> 01:02:15,200

proposes and that i have uh struggled to

1535

01:02:21,750 --> 01:02:18,480

understand over a number of years and

1536

01:02:23,910 --> 01:02:21,760

minimally have understood um

1537

01:02:26,470 --> 01:02:23,920

you know requires us to take a very

1538

01:02:29,109 --> 01:02:26,480

different perspective on space

1539

01:02:30,710 --> 01:02:29,119

and i have uh some specific information

1540

01:02:33,750 --> 01:02:30,720

here

1541

01:02:35,270 --> 01:02:33,760

jordan paper

1542

01:02:37,829 --> 01:02:35,280

was published in the american journal of

1543

01:02:40,630 --> 01:02:37,839

physics in 2009

1544

01:02:42,470 --> 01:02:40,640

and here's a quote heisenberg's bold

1545

01:02:44,950 --> 01:02:42,480

idea was to retain the

1546

01:02:47,349 --> 01:02:44,960

classical position coordinate with a

1547

01:02:49,510 --> 01:02:47,359

quantum theoretical quantity

1548

01:02:51,670 --> 01:02:49,520

the new position quantity contains

1549

01:02:54,069 --> 01:02:51,680

information about the measurable line

1550

01:02:55,190 --> 01:02:54,079

spectrum of an atom rather than the

1551  
01:03:00,710 --> 01:02:55,200  
observable

1552  
01:03:02,870 --> 01:03:00,720  
you know without them it may sound like

1553  
01:03:05,349 --> 01:03:02,880  
a lot of wordy gobbledygook

1554  
01:03:06,870 --> 01:03:05,359  
but to kind of get to the heart of it

1555  
01:03:08,870 --> 01:03:06,880  
part of what we're doing here

1556  
01:03:11,349 --> 01:03:08,880  
is defining the place of something by

1557  
01:03:14,390 --> 01:03:11,359  
the energy spectrum of something

1558  
01:03:18,150 --> 01:03:14,400  
and this will relate to navigation

1559  
01:03:21,270 --> 01:03:18,160  
and transport uh you know we

1560  
01:03:24,789 --> 01:03:21,280  
get stuck in this perception of like

1561  
01:03:25,270 --> 01:03:24,799  
that the uh you know that you know these

1562  
01:03:27,589 --> 01:03:25,280  
vast

1563  
01:03:29,829 --> 01:03:27,599

distances you know okay we that's one

1564

01:03:31,750 --> 01:03:29,839

way to look at it you know it it we're

1565

01:03:33,349 --> 01:03:31,760

talking about a sort of phenomenological

1566

01:03:36,870 --> 01:03:33,359

perspective here

1567

01:03:41,109 --> 01:03:36,880

and you know there's another way

1568

01:03:45,589 --> 01:03:41,119

to look at this and so um

1569

01:03:49,029 --> 01:03:45,599

like in in in that born jordan paper

1570

01:03:49,430 --> 01:03:49,039

uh to my understanding he's pointing out

1571

01:03:52,150 --> 01:03:49,440

that

1572

01:03:52,789 --> 01:03:52,160

we're not specifically saying like an

1573

01:03:54,950 --> 01:03:52,799

object is

1574

01:03:56,950 --> 01:03:54,960

has a certain position we're saying

1575

01:03:59,029 --> 01:03:56,960

object has a certain energy and that

1576

01:04:01,190 --> 01:03:59,039

defines the position

1577

01:04:02,950 --> 01:04:01,200

so uh you know it's it's a different

1578

01:04:06,549 --> 01:04:02,960

interpretation of how things

1579

01:04:08,150 --> 01:04:06,559

work and it's the it's it's abandoning

1580

01:04:12,390 --> 01:04:08,160

the rocket system

1581

01:04:15,029 --> 01:04:12,400

it's abandoning like it you have to um

1582

01:04:17,029 --> 01:04:15,039

you know you get in a rocket it takes

1583

01:04:20,549 --> 01:04:17,039

time takes three months to get to mars

1584

01:04:22,549 --> 01:04:20,559

no there is another way you know

1585

01:04:24,470 --> 01:04:22,559

and and i want to bring up another thing

1586

01:04:28,230 --> 01:04:24,480

here um

1587

01:04:30,870 --> 01:04:28,240

like i i was telling uh uh

1588

01:04:32,309 --> 01:04:30,880

martin this earlier there's a parable

1589

01:04:35,190 --> 01:04:32,319

that came to mind

1590

01:04:36,309 --> 01:04:35,200

and that was that like uh you can

1591

01:04:38,950 --> 01:04:36,319

imagine a time

1592

01:04:40,710 --> 01:04:38,960

you know many centuries ago perhaps in a

1593

01:04:43,109 --> 01:04:40,720

certain mythic time

1594

01:04:44,549 --> 01:04:43,119

where one fellow uh created like a

1595

01:04:47,430 --> 01:04:44,559

wooden cart

1596

01:04:49,349 --> 01:04:47,440

and that cart um had four sides to it

1597

01:04:52,390 --> 01:04:49,359

and a platform floor

1598

01:04:53,510 --> 01:04:52,400

and then it uh also had four uh wheels

1599

01:04:57,270 --> 01:04:53,520

but those wheels

1600

01:05:00,549 --> 01:04:57,280

were square and so i say that all the

1601  
01:05:01,990 --> 01:05:00,559  
pundits and professionals uh the sages

1602  
01:05:05,109 --> 01:05:02,000  
and savants

1603  
01:05:07,829 --> 01:05:05,119  
uh were critical of the fellow for for

1604  
01:05:09,589 --> 01:05:07,839  
proposing a cart and they said you know

1605  
01:05:11,190 --> 01:05:09,599  
what what do you mean you can transport

1606  
01:05:13,029 --> 01:05:11,200  
you know something with this it's a box

1607  
01:05:13,990 --> 01:05:13,039  
it and it doesn't move it's just you

1608  
01:05:17,349 --> 01:05:14,000  
push it it's

1609  
01:05:19,270 --> 01:05:17,359  
really hard to push and then you know

1610  
01:05:23,349 --> 01:05:19,280  
maybe had a friend or a sympathetic

1611  
01:05:25,270 --> 01:05:23,359  
um person or an wise person

1612  
01:05:27,029 --> 01:05:25,280  
we said well what happens if we start to

1613  
01:05:27,990 --> 01:05:27,039

sand the edges of those wheels a little

1614

01:05:31,589 --> 01:05:28,000

bit

1615

01:05:35,109 --> 01:05:31,599

and um you know he struggled to send the

1616

01:05:36,789 --> 01:05:35,119

square wheels a little bit and um

1617

01:05:38,150 --> 01:05:36,799

uh you know gradually they became sort

1618

01:05:40,069 --> 01:05:38,160

of more oval

1619

01:05:41,349 --> 01:05:40,079

and you pushed it and hey you could

1620

01:05:44,150 --> 01:05:41,359

suddenly you could

1621

01:05:44,710 --> 01:05:44,160

move that cart and then so people had to

1622

01:05:47,109 --> 01:05:44,720

see it

1623

01:05:49,109 --> 01:05:47,119

you know and and people had to struggle

1624

01:05:52,390 --> 01:05:49,119

against the consensus view

1625

01:05:52,950 --> 01:05:52,400

about how things work uh and this is the

1626

01:05:55,829 --> 01:05:52,960

case

1627

01:05:57,270 --> 01:05:55,839

um and indeed like how does science

1628

01:05:58,789 --> 01:05:57,280

advance

1629

01:06:00,630 --> 01:05:58,799

you know i'll repeat it again how does

1630

01:06:03,109 --> 01:06:00,640

science advance without

1631

01:06:04,549 --> 01:06:03,119

these stumbles and falls and short

1632

01:06:07,670 --> 01:06:04,559

advancements

1633

01:06:09,670 --> 01:06:07,680

and so although my book uh you know

1634

01:06:12,309 --> 01:06:09,680

again it will not enable you to build an

1635

01:06:15,430 --> 01:06:12,319

interstellar spaceship in your backyard

1636

01:06:16,630 --> 01:06:15,440

uh i i believe it's a first step and and

1637

01:06:26,950 --> 01:06:16,640

i

1638

01:06:30,150 --> 01:06:26,960

and get to know a sense

1639

01:06:33,349 --> 01:06:30,160

of where i stand about things and also

1640

01:06:35,670 --> 01:06:33,359

um uh how the inventors uh some of the

1641

01:06:38,150 --> 01:06:35,680

struggles of the inventors

1642

01:06:38,710 --> 01:06:38,160

so i just wanted to bring that up yeah

1643

01:06:41,829 --> 01:06:38,720

yeah

1644

01:06:45,430 --> 01:06:41,839

i i spoke up i spoke earlier about

1645

01:06:48,470 --> 01:06:45,440

um lawrence krauss um in his

1646

01:06:53,109 --> 01:06:48,480

uh his article that came out

1647

01:06:56,230 --> 01:06:53,119

in uh it was in uh uh colette.com

1648

01:06:59,349 --> 01:06:56,240

and uh the title of it is whatever it is

1649

01:07:02,549 --> 01:06:59,359

it ain't aliens um so and i think

1650

01:07:05,670 --> 01:07:02,559

just the title alone already shows

1651  
01:07:06,230 --> 01:07:05,680  
um there's there's uh did anywhere in

1652  
01:07:09,750 --> 01:07:06,240  
the uh

1653  
01:07:11,910 --> 01:07:09,760  
a preliminary assessment um did it say

1654  
01:07:13,349 --> 01:07:11,920  
this it's not aliens it's not

1655  
01:07:16,789 --> 01:07:13,359  
extraterrestrial

1656  
01:07:17,910 --> 01:07:16,799  
um you know i mean he talks about the

1657  
01:07:20,069 --> 01:07:17,920  
the shiny flying

1658  
01:07:21,029 --> 01:07:20,079  
objects and you know and it's just

1659  
01:07:24,549 --> 01:07:21,039  
pushing it all

1660  
01:07:28,470 --> 01:07:24,559  
off like um and saying calling people

1661  
01:07:31,190 --> 01:07:28,480  
like myself a ufo enthusiast heralded

1662  
01:07:32,870 --> 01:07:31,200  
the report as it was the first official

1663  
01:07:33,910 --> 01:07:32,880

evidence of possible extraterrestrial

1664

01:07:35,510 --> 01:07:33,920

intelligence

1665

01:07:37,109 --> 01:07:35,520

while the media form around the world

1666

01:07:37,990 --> 01:07:37,119

focused on the large number of official

1667

01:07:41,990 --> 01:07:38,000

sightings

1668

01:07:44,390 --> 01:07:42,000

remain unexplained and but anyway um

1669

01:07:45,589 --> 01:07:44,400

yeah you know i i have a great response

1670

01:07:48,390 --> 01:07:45,599

to that fellow

1671

01:07:49,670 --> 01:07:48,400

uh and this is i have a friend his name

1672

01:07:52,870 --> 01:07:49,680

is sam millander

1673

01:07:55,349 --> 01:07:52,880

and he's an extraordinary guy he's um

1674

01:07:56,710 --> 01:07:55,359

uh he's an inventor himself and he's has

1675

01:07:57,990 --> 01:07:56,720

he's working on some extraordinary

1676

01:07:59,109 --> 01:07:58,000

inventions that i hope we see in the

1677

01:08:02,150 --> 01:07:59,119

near future

1678

01:08:03,910 --> 01:08:02,160

anyway he's also musician and so we were

1679

01:08:06,150 --> 01:08:03,920

talking about this very thing about

1680

01:08:08,549 --> 01:08:06,160

you know closed-minded people and he

1681

01:08:11,990 --> 01:08:08,559

says they're not musicians

1682

01:08:14,150 --> 01:08:12,000

he says he said for a musician um

1683

01:08:15,910 --> 01:08:14,160

you know you know think of the the early

1684

01:08:17,430 --> 01:08:15,920

jazz days that they'll switch from one

1685

01:08:19,669 --> 01:08:17,440

chord to the other

1686

01:08:21,669 --> 01:08:19,679

and everybody in the classical musicians

1687

01:08:25,510 --> 01:08:21,679

at the time would say you know you can't

1688

01:08:27,189 --> 01:08:25,520

go from you know a minor chord to a

1689

01:08:27,990 --> 01:08:27,199

major chord or whatever you know the

1690

01:08:30,709 --> 01:08:28,000

musical

1691

01:08:31,990 --> 01:08:30,719

way of expression is you know and the

1692

01:08:34,950 --> 01:08:32,000

jazz musician said

1693

01:08:35,669 --> 01:08:34,960

yes you can and here it is you know and

1694

01:08:38,470 --> 01:08:35,679

then

1695

01:08:39,910 --> 01:08:38,480

so it's like uh his response was like

1696

01:08:42,229 --> 01:08:39,920

they're not musicians

1697

01:08:43,910 --> 01:08:42,239

and you have to show it to them before

1698

01:08:46,070 --> 01:08:43,920

they they believe it and then

1699

01:08:46,950 --> 01:08:46,080

and then the people around them their

1700

01:08:49,349 --> 01:08:46,960

peers

1701

01:08:51,510 --> 01:08:49,359

have to develop a consensus and you are

1702

01:08:54,870 --> 01:08:51,520

fighting and struggling against

1703

01:08:58,709 --> 01:08:54,880

that established world view um

1704

01:09:02,950 --> 01:08:58,719

it happens again and again uh and

1705

01:09:06,149 --> 01:09:02,960

you know in in a very predictable cycle

1706

01:09:09,030 --> 01:09:06,159

though i will say you know certainly

1707

01:09:09,669 --> 01:09:09,040

uh the events of 2017 when the new york

1708

01:09:11,669 --> 01:09:09,679

times

1709

01:09:14,229 --> 01:09:11,679

article first came out and to the stars

1710

01:09:16,550 --> 01:09:14,239

and um

1711

01:09:18,709 --> 01:09:16,560

you know and the bold statements by

1712

01:09:21,189 --> 01:09:18,719

louis elizondo

1713

01:09:21,829 --> 01:09:21,199

it was quite heartening you know like

1714

01:09:25,030 --> 01:09:21,839

wow

1715

01:09:28,550 --> 01:09:25,040

you know we we're all like going nuts

1716

01:09:30,309 --> 01:09:28,560

um yeah but uh and we were also you know

1717

01:09:31,990 --> 01:09:30,319

uh suspicious like who's this

1718

01:09:34,309 --> 01:09:32,000

intelligence guy and what are these

1719

01:09:35,110 --> 01:09:34,319

intel you know what's the you know

1720

01:09:37,829 --> 01:09:35,120

intelligence

1721

01:09:38,630 --> 01:09:37,839

uh process behind this and we don't know

1722

01:09:42,070 --> 01:09:38,640

um

1723

01:09:45,590 --> 01:09:42,080

and we we all you know watch it

1724

01:09:47,510 --> 01:09:45,600

as it advances um but certainly uh uh

1725

01:09:48,070 --> 01:09:47,520

the ball has been kicked further down

1726

01:09:50,229 --> 01:09:48,080

the field

1727

01:09:51,669 --> 01:09:50,239

and the door has cracked slightly open

1728

01:09:55,110 --> 01:09:51,679

and um

1729

01:09:57,990 --> 01:09:55,120

the navy has made uh statements that um

1730

01:09:58,950 --> 01:09:58,000

they they don't know what certain things

1731

01:10:02,470 --> 01:09:58,960

are i mean that's

1732

01:10:05,669 --> 01:10:02,480

it's a major step for the navy yeah

1733

01:10:07,910 --> 01:10:05,679

so you know it's um things are changing

1734

01:10:09,189 --> 01:10:07,920

uh we hope they continue to change uh we

1735

01:10:12,149 --> 01:10:09,199

don't know and

1736

01:10:12,790 --> 01:10:12,159

since since we don't know uh you know i

1737

01:10:19,510 --> 01:10:12,800

i

1738

01:10:20,070 --> 01:10:19,520

you we may not get help from anybody

1739

01:10:23,350 --> 01:10:20,080

else

1740

01:10:24,070 --> 01:10:23,360

anywhere we may not get any help we have

1741

01:10:25,990 --> 01:10:24,080

to

1742

01:10:27,510 --> 01:10:26,000

take responsibility for our own lives

1743

01:10:28,790 --> 01:10:27,520

and take responsibility for the

1744

01:10:31,110 --> 01:10:28,800

situation

1745

01:10:32,709 --> 01:10:31,120

and do what we as individuals can do

1746

01:10:35,510 --> 01:10:32,719

within our power

1747

01:10:36,709 --> 01:10:35,520

right right um i hope the listener will

1748

01:10:39,430 --> 01:10:36,719

let me uh

1749

01:10:40,310 --> 01:10:39,440

vent just a little bit more on lawrence

1750

01:10:42,070 --> 01:10:40,320

krauss's

1751

01:10:43,830 --> 01:10:42,080

article because i just want to read

1752

01:10:44,390 --> 01:10:43,840

through as quickly as i can there's kind

1753

01:10:47,669 --> 01:10:44,400

of

1754

01:10:49,750 --> 01:10:47,679

four

1755

01:10:51,270 --> 01:10:49,760

his five arguments uh maybe i'll get

1756

01:10:54,149 --> 01:10:51,280

through all these of why

1757

01:10:55,350 --> 01:10:54,159

that uh extraterrestrials in no way can

1758

01:10:57,669 --> 01:10:55,360

be here

1759

01:10:58,470 --> 01:10:57,679

number one the laws of physics travel

1760

01:11:00,550 --> 01:10:58,480

from

1761

01:11:02,630 --> 01:11:00,560

another start in any reasonable time

1762

01:11:03,590 --> 01:11:02,640

requires near light speed travel a ship

1763

01:11:06,229 --> 01:11:03,600

propelled

1764

01:11:07,669 --> 01:11:06,239

by onboard conventional rocket fuel see

1765

01:11:09,350 --> 01:11:07,679

he's saying that

1766

01:11:11,110 --> 01:11:09,360

let me point me let me stop you right

1767

01:11:13,350 --> 01:11:11,120

there because it's a wonderful

1768

01:11:14,149 --> 01:11:13,360

uh statement by mr miller about that he

1769

01:11:15,510 --> 01:11:14,159

says

1770

01:11:17,350 --> 01:11:15,520

forgive me for interruption i'll let you

1771

01:11:20,070 --> 01:11:17,360

know that's fine but

1772

01:11:20,950 --> 01:11:20,080

he says um i said michael michael you

1773

01:11:24,149 --> 01:11:20,960

know that

1774

01:11:25,750 --> 01:11:24,159

in existing theory um the closer you

1775

01:11:27,510 --> 01:11:25,760

come to the speed of light you gain

1776

01:11:29,510 --> 01:11:27,520

infinite mass so you could never go

1777

01:11:32,390 --> 01:11:29,520

faster than the speed of light because

1778

01:11:33,830 --> 01:11:32,400

you gain infinite mass he says paul paul

1779

01:11:35,669 --> 01:11:33,840

yes you're right

1780

01:11:38,149 --> 01:11:35,679

you can't go faster than the speed of

1781

01:11:41,590 --> 01:11:38,159

light in this dimension

1782

01:11:42,950 --> 01:11:41,600

you know so yeah i mean michael's an

1783

01:11:45,270 --> 01:11:42,960

incredible wit

1784

01:11:46,229 --> 01:11:45,280

and i could just the numerous things he

1785

01:11:50,550 --> 01:11:46,239

said they're just

1786

01:11:53,030 --> 01:11:50,560

incredibly insightful uh yeah and so

1787

01:11:54,790 --> 01:11:53,040

yeah go on what else is this well yeah

1788

01:11:57,189 --> 01:11:54,800

he discusses the mass right here

1789

01:11:59,270 --> 01:11:57,199

uh just a little further down but being

1790

01:12:01,510 --> 01:11:59,280

but even using nuclear

1791

01:12:03,350 --> 01:12:01,520

uh fusion one would use more than two

1792

01:12:05,950 --> 01:12:03,360

thousand times the mass of a ship

1793

01:12:07,669 --> 01:12:05,960

in fuel for each acceleration and

1794

01:12:10,310 --> 01:12:07,679

deacceleration

1795

01:12:12,630 --> 01:12:10,320

to and from near light speed basic

1796

01:12:16,149 --> 01:12:12,640

physics constraints simplify

1797

01:12:17,910 --> 01:12:16,159

that any on-board propulsion technology

1798

01:12:19,590 --> 01:12:17,920

that could power a conventional ship

1799

01:12:21,590 --> 01:12:19,600

size spacecraft

1800

01:12:23,510 --> 01:12:21,600

to travel from one solar system to

1801  
01:12:25,830 --> 01:12:23,520  
another at near light speed

1802  
01:12:27,350 --> 01:12:25,840  
and decelerate within our solar system

1803  
01:12:31,750 --> 01:12:27,360  
without

1804  
01:12:35,270 --> 01:12:33,510  
all right so i'm gonna try to i'm gonna

1805  
01:12:38,229 --> 01:12:35,280  
try to cut these down a little bit

1806  
01:12:40,229 --> 01:12:38,239  
um this one i like number two is pretty

1807  
01:12:42,790 --> 01:12:40,239  
funny it only hurts when you stop

1808  
01:12:43,350 --> 01:12:42,800  
i i wanna respond to that what you just

1809  
01:12:46,790 --> 01:12:43,360  
said though

1810  
01:12:50,229 --> 01:12:46,800  
okay sure you know

1811  
01:12:52,149 --> 01:12:50,239  
uh yeah it takes a lot of energy to

1812  
01:12:54,630 --> 01:12:52,159  
uh travel from one place to the other

1813  
01:12:56,390 --> 01:12:54,640

and to decelerate et cetera

1814

01:12:57,669 --> 01:12:56,400

and then here's another remark from uh

1815

01:13:01,350 --> 01:12:57,679

mr miller

1816

01:13:04,470 --> 01:13:01,360

uh unless you use a portal

1817

01:13:05,990 --> 01:13:04,480

or the wormhole is and we may talk a

1818

01:13:06,709 --> 01:13:06,000

little bit about that because i saw the

1819

01:13:08,310 --> 01:13:06,719

laser

1820

01:13:09,669 --> 01:13:08,320

driven wormhole or something like that

1821

01:13:11,189 --> 01:13:09,679

i'll talk to you a little bit about that

1822

01:13:12,790 --> 01:13:11,199

in a minute

1823

01:13:14,550 --> 01:13:12,800

so number two it only hurts when you

1824

01:13:17,590 --> 01:13:14,560

stop some reports claim that you

1825

01:13:19,910 --> 01:13:17,600

uaps travel extremely fast

1826

01:13:21,430 --> 01:13:19,920

and stop or turn instantly no matter

1827

01:13:24,470 --> 01:13:21,440

what the propulsion system

1828

01:13:26,470 --> 01:13:24,480

g-forces experience in such a maneuver

1829

01:13:28,550 --> 01:13:26,480

would be enough to crush steel

1830

01:13:29,830 --> 01:13:28,560

not to mention the unfortunate aliens

1831

01:13:32,950 --> 01:13:29,840

inside

1832

01:13:35,669 --> 01:13:32,960

this is unless one had inertial

1833

01:13:35,990 --> 01:13:35,679

dampers like they have in star trek

1834

01:13:39,350 --> 01:13:36,000

which

1835

01:13:41,430 --> 01:13:39,360

alas our science fiction techno

1836

01:13:43,270 --> 01:13:41,440

babble in other words he's just

1837

01:13:46,390 --> 01:13:43,280

dismissing this whole thing

1838

01:13:49,669 --> 01:13:46,400

of these um say david fravor or other

1839

01:13:51,030 --> 01:13:49,679

people um actually see seeing on radar

1840

01:13:54,070 --> 01:13:51,040

radar and other

1841

01:13:56,149 --> 01:13:54,080

um these things

1842

01:13:57,430 --> 01:13:56,159

stopping and and doing you know up to

1843

01:13:59,669 --> 01:13:57,440

1500

1844

01:14:00,790 --> 01:13:59,679

um g's in their maneuvers and things

1845

01:14:03,030 --> 01:14:00,800

like that he's saying

1846

01:14:04,070 --> 01:14:03,040

he's basically saying it's all hogwash

1847

01:14:07,350 --> 01:14:04,080

yeah can i

1848

01:14:10,229 --> 01:14:07,360

can i respond to that yeah yeah

1849

01:14:10,790 --> 01:14:10,239

you'll forgive me because i i know it's

1850

01:14:14,229 --> 01:14:10,800

an and

1851

01:14:15,750 --> 01:14:14,239

you know you know it makes for an

1852

01:14:18,470 --> 01:14:15,760

interesting thing right

1853

01:14:19,189 --> 01:14:18,480

you know the the polarity perspectives

1854

01:14:20,790 --> 01:14:19,199

you know that

1855

01:14:22,870 --> 01:14:20,800

you know and i know you don't feel like

1856

01:14:23,750 --> 01:14:22,880

this but you're saying how other people

1857

01:14:27,590 --> 01:14:23,760

may think

1858

01:14:29,350 --> 01:14:27,600

so here's another thing um

1859

01:14:30,709 --> 01:14:29,360

you know let's talk about fraver and

1860

01:14:34,070 --> 01:14:30,719

dietrich you know

1861

01:14:37,110 --> 01:14:34,080

and and i i think you can see on

1862

01:14:40,470 --> 01:14:37,120

dietrich's face in her 60 minutes um

1863

01:14:42,790 --> 01:14:40,480

uh show in the 60 minute show

1864

01:14:43,910 --> 01:14:42,800

that she's experiencing ontological

1865

01:14:46,149 --> 01:14:43,920

shock

1866

01:14:49,030 --> 01:14:46,159

you know it's like hey this doesn't fit

1867

01:14:52,149 --> 01:14:49,040

in the box and yet i've seen it you know

1868

01:14:54,830 --> 01:14:52,159

and uh an ontological shock is a

1869

01:14:58,310 --> 01:14:54,840

wonderful term a divorce

1870

01:14:59,830 --> 01:14:58,320

um john mack the harvard professor

1871

01:15:03,189 --> 01:14:59,840

coined the term

1872

01:15:05,189 --> 01:15:03,199

and so this fellow you know is going to

1873

01:15:06,470 --> 01:15:05,199

experience some ontological shock he

1874

01:15:08,950 --> 01:15:06,480

hasn't yet

1875

01:15:10,790 --> 01:15:08,960

and in fact you know you read about

1876

01:15:13,830 --> 01:15:10,800

things like sam harris

1877

01:15:16,470 --> 01:15:13,840

who's a leading intellectual of the day

1878

01:15:17,669 --> 01:15:16,480

yeah it's saying like these guys are

1879

01:15:20,310 --> 01:15:17,679

going to struggle

1880

01:15:22,070 --> 01:15:20,320

in the future i mean there's got to be

1881

01:15:24,870 --> 01:15:22,080

some problems here where they

1882

01:15:25,830 --> 01:15:24,880

you know hit that wall of ontological

1883

01:15:28,630 --> 01:15:25,840

shock

1884

01:15:30,709 --> 01:15:28,640

and and their whole world view has got

1885

01:15:34,630 --> 01:15:30,719

to change and and that's something

1886

01:15:37,669 --> 01:15:34,640

lou is expressing um and he knows it

1887

01:15:38,790 --> 01:15:37,679

and i have a sense of what he knows and

1888

01:15:43,910 --> 01:15:38,800

uh

1889

01:15:44,870 --> 01:15:43,920

for these people that their whole lives

1890

01:15:46,149 --> 01:15:44,880

and livelihoods

1891

01:15:48,310 --> 01:15:46,159

are dependent on it they're gonna

1892

01:15:49,830 --> 01:15:48,320

struggle uh

1893

01:15:52,229 --> 01:15:49,840

in the past you know that might have

1894

01:15:55,830 --> 01:15:52,239

been a uh

1895

01:15:56,550 --> 01:15:55,840

a job from a of a you know a weak job

1896

01:15:58,870 --> 01:15:56,560

against the

1897

01:16:00,229 --> 01:15:58,880

uh giant but you know even in that

1898

01:16:02,310 --> 01:16:00,239

recent twitter thing i guess

1899

01:16:04,790 --> 01:16:02,320

you might have followed this you know

1900

01:16:07,270 --> 01:16:04,800

dietrich challenged the degrassi

1901

01:16:09,830 --> 01:16:07,280

tyson head on you know i don't you saw

1902

01:16:12,630 --> 01:16:09,840

that thing was amazing she says um

1903

01:16:13,830 --> 01:16:12,640

she says uh you know this is all social

1904

01:16:15,990 --> 01:16:13,840

bias she says

1905

01:16:17,430 --> 01:16:16,000

i you know i teach social bias or

1906

01:16:19,830 --> 01:16:17,440

something and then

1907

01:16:21,590 --> 01:16:19,840

you know um there was three points and

1908

01:16:22,550 --> 01:16:21,600

then and then she addressed all three of

1909

01:16:24,790 --> 01:16:22,560

them and

1910

01:16:25,910 --> 01:16:24,800

like you know she's got gravity i mean

1911

01:16:27,750 --> 01:16:25,920

she's a fighter pilot

1912

01:16:29,350 --> 01:16:27,760

extraordinary person i mean i'm afraid

1913

01:16:31,110 --> 01:16:29,360

to fly on a plane she

1914

01:16:33,590 --> 01:16:31,120

she does comment miss you know whatever

1915

01:16:36,149 --> 01:16:33,600

you know um

1916

01:16:36,870 --> 01:16:36,159

she she has faced the ontological shock

1917

01:16:38,950 --> 01:16:36,880

and gone

1918

01:16:41,110 --> 01:16:38,960

and it's struggling to get to the other

1919

01:16:42,229 --> 01:16:41,120

side these other fellows have not and

1920

01:16:44,470 --> 01:16:42,239

they will

1921

01:16:45,590 --> 01:16:44,480

and you know if if statements by sam

1922

01:16:47,590 --> 01:16:45,600

harris

1923

01:16:48,630 --> 01:16:47,600

and stamen spy a lot of other important

1924

01:16:52,229 --> 01:16:48,640

people

1925

01:16:56,229 --> 01:16:52,239

you know um are

1926

01:16:57,990 --> 01:16:56,239

you know are shown you know

1927

01:17:00,229 --> 01:16:58,000

open up things you know we're all going

1928

01:17:02,950 --> 01:17:00,239

to see some some big changes

1929

01:17:03,350 --> 01:17:02,960

yeah i i like everything you just said

1930

01:17:07,510 --> 01:17:03,360

um

1931

01:17:10,149 --> 01:17:07,520

dietrich on this

1932

01:17:10,709 --> 01:17:10,159

um on this show if anyone knows a way to

1933

01:17:12,390 --> 01:17:10,719

reach her

1934

01:17:13,990 --> 01:17:12,400

she has a twitter but you can't message

1935

01:17:17,270 --> 01:17:14,000

her on twitter

1936

01:17:19,590 --> 01:17:17,280

and uh she was on with mick west and um

1937

01:17:20,390 --> 01:17:19,600

she kind of put him in his place a few

1938

01:17:22,470 --> 01:17:20,400

times

1939

01:17:24,310 --> 01:17:22,480

so if anyone knows how to uh reach her

1940

01:17:25,430 --> 01:17:24,320

please let me know i'd love to have her

1941

01:17:29,030 --> 01:17:25,440

on this show

1942

01:17:29,669 --> 01:17:29,040

um you're right it was a new paradigm

1943

01:17:32,870 --> 01:17:29,679

for her

1944

01:17:33,830 --> 01:17:32,880

to swallow to understand and uh in the

1945

01:17:36,790 --> 01:17:33,840

60 minutes

1946

01:17:37,430 --> 01:17:36,800

program with her she puts that across

1947

01:17:40,390 --> 01:17:37,440

very

1948

01:17:42,149 --> 01:17:40,400

uh well i think she she describes the

1949

01:17:43,110 --> 01:17:42,159

feeling and how it kind of changed

1950

01:17:45,350 --> 01:17:43,120

everything for her

1951

01:17:47,270 --> 01:17:45,360

oh it's coming right from the heart yeah

1952

01:17:50,790 --> 01:17:47,280

yeah i also want to say

1953

01:17:55,110 --> 01:17:50,800

it kind of like a different approach um

1954

01:17:57,110 --> 01:17:55,120

my approach is to um you know

1955

01:17:59,189 --> 01:17:57,120

you know listen to the naysayers some

1956

01:18:01,189 --> 01:17:59,199

but not devote too much energy to them

1957

01:18:04,229 --> 01:18:01,199

but rather to devote energy

1958

01:18:07,430 --> 01:18:04,239

to the forward-looking people to the um

1959

01:18:10,229 --> 01:18:07,440

you know next-generation people uh

1960

01:18:11,350 --> 01:18:10,239

who have extraordinary ideas and i just

1961

01:18:11,990 --> 01:18:11,360

know a number of people with

1962

01:18:15,189 --> 01:18:12,000

extraordinary

1963

01:18:17,030 --> 01:18:15,199

ideas um and

1964

01:18:18,709 --> 01:18:17,040

you know rather to devote energies to

1965

01:18:22,070 --> 01:18:18,719

that um

1966

01:18:24,070 --> 01:18:22,080

because i i see a lot of um fighting on

1967

01:18:25,990 --> 01:18:24,080

on reddit and twitter and

1968

01:18:28,229 --> 01:18:26,000

you know attacks against midwest you

1969

01:18:31,110 --> 01:18:28,239

know whatever uh

1970

01:18:32,790 --> 01:18:31,120

he is who he is you know you can't uh

1971

01:18:33,669 --> 01:18:32,800

convert someone with beliefs that deep

1972

01:18:35,830 --> 01:18:33,679

you know

1973

01:18:36,950 --> 01:18:35,840

well i've had him on the show uh three

1974

01:18:39,590 --> 01:18:36,960

times

1975

01:18:40,310 --> 01:18:39,600

and so i'm i'm open to listening to

1976

01:18:43,030 --> 01:18:40,320

skeptics

1977

01:18:43,350 --> 01:18:43,040

and um you know it's kind of i think it

1978

01:18:46,149 --> 01:18:43,360

was

1979

01:18:47,750 --> 01:18:46,159

the sort of the irony and this is uh i

1980

01:18:49,910 --> 01:18:47,760

had him on

1981

01:18:52,390 --> 01:18:49,920

and uh i had kevin day i couldn't have

1982

01:18:55,590 --> 01:18:52,400

kevin day from the uss nimitz

1983

01:18:57,910 --> 01:18:55,600

um who was in charge of all the radar um

1984

01:18:58,790 --> 01:18:57,920

on the princeton uh but during the

1985

01:19:03,430 --> 01:18:58,800

nimitz um

1986

01:19:06,470 --> 01:19:03,440

situation uh basically

1987

01:19:10,229 --> 01:19:06,480

by the time i got finished with

1988

01:19:13,669 --> 01:19:10,239

my talk with uh kevin day about what

1989

01:19:14,229 --> 01:19:13,679

it could or could not be um mick west

1990

01:19:16,310 --> 01:19:14,239

actually

1991

01:19:17,350 --> 01:19:16,320

came back on and said yeah i understand

1992

01:19:20,470 --> 01:19:17,360

now why it

1993

01:19:22,149 --> 01:19:20,480

it couldn't have been you know an f-18

1994

01:19:23,350 --> 01:19:22,159

hornet or whatever it is he thought it

1995

01:19:27,030 --> 01:19:23,360

might be

1996

01:19:27,669 --> 01:19:27,040

um he said i understand now why and it

1997

01:19:29,830 --> 01:19:27,679

wasn't

1998

01:19:30,870 --> 01:19:29,840

like uh a few weeks later he was on some

1999

01:19:33,270 --> 01:19:30,880

other program

2000

01:19:37,430 --> 01:19:33,280

um you know again saying the same thing

2001

01:19:40,470 --> 01:19:38,950

yeah you're doing something really

2002

01:19:41,669 --> 01:19:40,480

important here and that is that you're

2003

01:19:45,270 --> 01:19:41,679

archiving

2004

01:19:47,430 --> 01:19:45,280

the you know the um ontological

2005

01:19:49,750 --> 01:19:47,440

perspectives and paradigms of the day

2006

01:19:50,790 --> 01:19:49,760

you know it it is valuable what you are

2007

01:19:54,950 --> 01:19:50,800

doing you are

2008

01:19:58,550 --> 01:19:54,960

making giving a permanent record of uh

2009

01:20:01,030 --> 01:19:58,560

of um you know the the

2010

01:20:03,110 --> 01:20:01,040

outlooks of this time period and we will

2011

01:20:06,870 --> 01:20:03,120

see how they will change

2012

01:20:08,709 --> 01:20:06,880

uh and you know people say you know

2013

01:20:10,149 --> 01:20:08,719

that there was a before time and and

2014

01:20:13,430 --> 01:20:10,159

after time and and

2015

01:20:16,149 --> 01:20:13,440

you know um yeah so

2016

01:20:16,629 --> 01:20:16,159

so i think we are and lord you're you're

2017

01:20:18,709 --> 01:20:16,639

you know

2018

01:20:21,030 --> 01:20:18,719

willing to open mind in this perhaps you

2019

01:20:23,590 --> 01:20:21,040

know to to get these skeptics on board

2020

01:20:24,390 --> 01:20:23,600

and to record their statements and you

2021

01:20:30,629 --> 01:20:24,400

know

2022

01:20:32,390 --> 01:20:30,639

so many other political events that have

2023

01:20:34,709 --> 01:20:32,400

changed over time

2024

01:20:36,709 --> 01:20:34,719

yeah and it doesn't mean that anyone is

2025

01:20:39,590 --> 01:20:36,719

better than anyone else or any

2026

01:20:41,030 --> 01:20:39,600

thoughts are um it's just of what we can

2027

01:20:43,990 --> 01:20:41,040

all learn together

2028

01:20:45,750 --> 01:20:44,000

you know i wouldn't like say oh hey mick

2029

01:20:47,110 --> 01:20:45,760

west guess what you were wrong all along

2030

01:20:49,430 --> 01:20:47,120

and we're you know we

2031

01:20:50,709 --> 01:20:49,440

in the ufo community were right that's

2032

01:20:53,910 --> 01:20:50,719

not going to help anyone

2033

01:20:57,030 --> 01:20:53,920

but just um you know it's something

2034

01:20:59,189 --> 01:20:57,040

you know hopefully we'll all um be on

2035

01:21:00,470 --> 01:20:59,199

in agreeance someday you mentioned

2036

01:21:03,110 --> 01:21:00,480

earlier

2037

01:21:05,110 --> 01:21:03,120

read it and um on social media i kind of

2038

01:21:07,910 --> 01:21:05,120

stay off all that stuff because

2039

01:21:08,790 --> 01:21:07,920

there is a lot of there's a lot of

2040

01:21:11,110 --> 01:21:08,800

infighting

2041

01:21:12,470 --> 01:21:11,120

and there's a lot of jealousy and mud

2042

01:21:14,470 --> 01:21:12,480

slinging

2043

01:21:16,310 --> 01:21:14,480

so i kind of stay off of all that but i

2044

01:21:19,350 --> 01:21:16,320

do hear you know bits and pieces of

2045

01:21:20,790 --> 01:21:19,360

of what's going on out there but it

2046

01:21:21,669 --> 01:21:20,800

sounds like you get right into it and

2047

01:21:24,070 --> 01:21:21,679

you you

2048

01:21:26,070 --> 01:21:24,080

you read everything that's happening

2049

01:21:29,830 --> 01:21:26,080

when it comes to this topic

2050

01:21:32,470 --> 01:21:29,840

i sure do and i have some other

2051  
01:21:35,110 --> 01:21:32,480  
observations about uh just sort of

2052  
01:21:37,270 --> 01:21:35,120  
getting back to the consciousness thing

2053  
01:21:39,830 --> 01:21:37,280  
uh just some notes i've taken uh

2054  
01:21:41,430 --> 01:21:39,840  
encounters are defined by the awareness

2055  
01:21:44,390 --> 01:21:41,440  
that one is dealing with something that

2056  
01:21:46,470 --> 01:21:44,400  
has a terrifying speed of intelligence

2057  
01:21:47,750 --> 01:21:46,480  
and something that has an intelligence

2058  
01:21:50,550 --> 01:21:47,760  
that you know

2059  
01:21:52,149 --> 01:21:50,560  
kind of speaks directly inside the mind

2060  
01:21:52,470 --> 01:21:52,159  
and that that's kind of what a download

2061  
01:22:11,430 --> 01:21:52,480  
in

2062  
01:22:14,550 --> 01:22:11,440  
pulled out of one's body

2063  
01:22:17,030 --> 01:22:14,560

upwards downwards sideways uh the

2064

01:22:19,590 --> 01:22:17,040

feeling that the body is being rotated

2065

01:22:20,870 --> 01:22:19,600

so these you know we talk about these

2066

01:22:23,189 --> 01:22:20,880

senses you know like

2067

01:22:24,950 --> 01:22:23,199

we have the sense of eyesight smell

2068

01:22:28,950 --> 01:22:24,960

taste hearing

2069

01:22:32,229 --> 01:22:28,960

touch but it's not so much discussed um

2070

01:22:35,830 --> 01:22:32,239

or we don't have the same language um

2071

01:22:36,950 --> 01:22:35,840

for uh the sense of movement and and how

2072

01:22:40,470 --> 01:22:36,960

one's body

2073

01:22:42,629 --> 01:22:40,480

feels you know moving you know you you

2074

01:22:44,390 --> 01:22:42,639

you know maybe even things like

2075

01:22:45,669 --> 01:22:44,400

depression your body is being pulled

2076

01:22:48,070 --> 01:22:45,679

downward

2077

01:22:49,030 --> 01:22:48,080

uh you know elation your body moves up

2078

01:22:51,910 --> 01:22:49,040

but but

2079

01:22:53,510 --> 01:22:51,920

more intense experiences is of that that

2080

01:22:57,189 --> 01:22:53,520

are really extraordinary that

2081

01:23:00,790 --> 01:22:58,950

find some familiarity with what i'm

2082

01:23:03,910 --> 01:23:00,800

saying another thing is

2083

01:23:06,229 --> 01:23:03,920

um a unity state the feeling that one's

2084

01:23:08,550 --> 01:23:06,239

identity has merged with the environment

2085

01:23:09,510 --> 01:23:08,560

a sense of love and service to all

2086

01:23:12,470 --> 01:23:09,520

remorse for

2087

01:23:13,990 --> 01:23:12,480

all and any harm done akin to the loss

2088

01:23:18,550 --> 01:23:14,000

of self and in the non

2089

01:23:20,709 --> 01:23:18,560

um near death experience um

2090

01:23:21,830 --> 01:23:20,719

so that that unity state that that's

2091

01:23:25,270 --> 01:23:21,840

another thing that often

2092

01:23:27,110 --> 01:23:25,280

comes with these um encounters and then

2093

01:23:29,030 --> 01:23:27,120

uh screen memories the feeling that one

2094

01:23:31,189 --> 01:23:29,040

has memories that are unnatural that may

2095

01:23:33,669 --> 01:23:31,199

not be actual live memories

2096

01:23:34,629 --> 01:23:33,679

uh but are gestalt or complete memories

2097

01:23:37,990 --> 01:23:34,639

with visuals

2098

01:23:41,110 --> 01:23:38,000

sights sound and smell and this is uh

2099

01:23:44,550 --> 01:23:41,120

you know one um perspective put

2100

01:23:47,030 --> 01:23:44,560

put out put forth by uh dr joseph burks

2101  
01:23:48,709 --> 01:23:47,040  
who uh describes that he calls it a

2102  
01:23:51,910 --> 01:23:48,719  
theater of the mind

2103  
01:23:56,870 --> 01:23:51,920  
uh where these things are um you know

2104  
01:24:01,189 --> 01:23:59,270  
all all very interesting i know there's

2105  
01:24:03,350 --> 01:24:01,199  
you know there's a lot of people talking

2106  
01:24:04,790 --> 01:24:03,360  
about the relationship between

2107  
01:24:07,350 --> 01:24:04,800  
consciousness

2108  
01:24:07,990 --> 01:24:07,360  
and uh you know everything that's going

2109  
01:24:11,030 --> 01:24:08,000  
on as

2110  
01:24:11,750 --> 01:24:11,040  
you know when it comes to the ufos as

2111  
01:24:14,790 --> 01:24:11,760  
well

2112  
01:24:16,310 --> 01:24:14,800  
and your work with the bigelow institute

2113  
01:24:17,510 --> 01:24:16,320

is kind of fascinating i don't know if

2114

01:24:18,470 --> 01:24:17,520

you want to talk on that we're going to

2115

01:24:22,070 --> 01:24:18,480

be taking

2116

01:24:25,350 --> 01:24:22,080

calls in about five minutes from now um

2117

01:24:28,709 --> 01:24:25,360

yeah yeah go ahead uh

2118

01:24:33,350 --> 01:24:31,830

i basically edited a paper by a fellow

2119

01:24:37,590 --> 01:24:33,360

named maddie pitkinan

2120

01:24:38,310 --> 01:24:37,600

and maddie is a um is a physicist he has

2121

01:24:40,790 --> 01:24:38,320

a degree

2122

01:24:42,550 --> 01:24:40,800

um from uh i think it's the university

2123

01:24:44,790 --> 01:24:42,560

of helsinki in finland

2124

01:24:46,390 --> 01:24:44,800

and he's a dissident uh scientist and

2125

01:24:50,310 --> 01:24:46,400

that he's uh

2126

01:24:53,590 --> 01:24:50,320

gone away from uh you know the

2127

01:24:56,390 --> 01:24:53,600

some of the uh established physicist

2128

01:24:58,790 --> 01:24:56,400

and developed his own ideas and so the

2129

01:25:02,870 --> 01:24:58,800

there was a um

2130

01:25:07,030 --> 01:25:02,880

uh prize that mr bigelow put forth

2131

01:25:08,950 --> 01:25:07,040

um an essay contest and the essay

2132

01:25:10,310 --> 01:25:08,960

i think the title was something like is

2133

01:25:12,149 --> 01:25:10,320

there evidence for

2134

01:25:13,669 --> 01:25:12,159

uh the continuation of consciousness

2135

01:25:16,709 --> 01:25:13,679

after death

2136

01:25:19,750 --> 01:25:16,719

and little maddie uh you know

2137

01:25:20,470 --> 01:25:19,760

he i'm gonna have to laugh because the

2138

01:25:26,629 --> 01:25:20,480

guys are

2139

01:25:29,510 --> 01:25:26,639

a genius of a man uh he i i uh

2140

01:25:30,870 --> 01:25:29,520

anyway he he has an interesting response

2141

01:25:33,590 --> 01:25:30,880

to that question

2142

01:25:34,470 --> 01:25:33,600

he has some uh science mathematics

2143

01:25:37,030 --> 01:25:34,480

physics

2144

01:25:37,750 --> 01:25:37,040

to back up his theories uh i had the

2145

01:25:39,750 --> 01:25:37,760

privilege

2146

01:25:40,790 --> 01:25:39,760

of working with him and editing his his

2147

01:25:44,470 --> 01:25:40,800

paper

2148

01:25:47,830 --> 01:25:44,480

uh in around november um mr bigelow

2149

01:25:49,030 --> 01:25:47,840

and his um group will adjudicate these

2150

01:25:55,750 --> 01:25:49,040

um

2151  
01:25:56,870 --> 01:25:55,760  
maddie will win but uh whether he does

2152  
01:25:58,629 --> 01:25:56,880  
or doesn't uh

2153  
01:26:00,709 --> 01:25:58,639  
i i believe the man deserves a nobel

2154  
01:26:04,390 --> 01:26:00,719  
prize he's a genius

2155  
01:26:05,030 --> 01:26:04,400  
hmm interesting so um i'm gonna pull up

2156  
01:26:07,110 --> 01:26:05,040  
now

2157  
01:26:09,030 --> 01:26:07,120  
for anybody that would like to call

2158  
01:26:11,669 --> 01:26:09,040  
here's the phone number

2159  
01:26:12,470 --> 01:26:11,679  
if you're over on uh facebook or kgra

2160  
01:26:15,669 --> 01:26:12,480  
radio

2161  
01:26:16,310 --> 01:26:15,679  
or youtube um live watching live right

2162  
01:26:21,510 --> 01:26:16,320  
now

2163  
01:26:25,910 --> 01:26:24,470

uh 855-472-5483 is standing by um to to

2164

01:26:28,229 --> 01:26:25,920

uh take your call

2165

01:26:29,510 --> 01:26:28,239

so we have several lines uh anyone can

2166

01:26:31,270 --> 01:26:29,520

call in to ask

2167

01:26:32,709 --> 01:26:31,280

um a question along any of the lines

2168

01:26:36,070 --> 01:26:32,719

that we discussed tonight or

2169

01:26:38,870 --> 01:26:36,080

uh any actually new topics

2170

01:26:40,629 --> 01:26:38,880

you know last time i did a um i did a

2171

01:26:43,110 --> 01:26:40,639

call-in show it seemed pretty

2172

01:26:43,830 --> 01:26:43,120

successful and i'm thinking about um

2173

01:26:46,070 --> 01:26:43,840

doing

2174

01:26:47,350 --> 01:26:46,080

another one just to for all the

2175

01:26:50,870 --> 01:26:47,360

listeners it was a lot of

2176

01:26:54,629 --> 01:26:50,880

great participation learned a lot of uh

2177

01:26:56,629 --> 01:26:54,639

new ufo and very interesting um

2178

01:26:57,830 --> 01:26:56,639

you know encounters that happened it was

2179

01:27:00,470 --> 01:26:57,840

really good to hear from

2180

01:27:01,510 --> 01:27:00,480

the listeners so i'm gonna plan to do

2181

01:27:05,350 --> 01:27:01,520

that i believe

2182

01:27:07,750 --> 01:27:05,360

the uh first um i'll have to take a look

2183

01:27:09,430 --> 01:27:07,760

because i'm going to be out at the uh

2184

01:27:12,790 --> 01:27:09,440

international ufo con

2185

01:27:14,709 --> 01:27:12,800

congress in september just to

2186

01:27:15,990 --> 01:27:14,719

run that recap real quickly i'm going to

2187

01:27:19,030 --> 01:27:16,000

take a look at my

2188

01:27:22,390 --> 01:27:19,040

schedule and uh just

2189

01:27:26,310 --> 01:27:22,400

um so when it comes to

2190

01:27:28,149 --> 01:27:26,320

the uh the first

2191

01:27:30,310 --> 01:27:28,159

uh let's see that's a tuesday on the

2192

01:27:32,790 --> 01:27:30,320

31st of august that's already booked

2193

01:27:33,750 --> 01:27:32,800

so the following week it looks like the

2194

01:27:35,669 --> 01:27:33,760

call-in show

2195

01:27:37,669 --> 01:27:35,679

after all is not going to be until the

2196

01:27:38,950 --> 01:27:37,679

21st of september i was hoping it would

2197

01:27:39,830 --> 01:27:38,960

be earlier than that but we're booked

2198

01:27:42,470 --> 01:27:39,840

right up

2199

01:27:43,110 --> 01:27:42,480

until that time but anyway uh the lines

2200

01:27:44,390 --> 01:27:43,120

are open

2201

01:27:47,149 --> 01:27:44,400

love to hear from you if you'd like to

2202

01:27:48,709 --> 01:27:47,159

call in again that number is

2203

01:27:51,910 --> 01:27:48,719

855-472-5483

2204

01:27:53,030 --> 01:27:51,920

and bill is standing by and if you're

2205

01:27:56,149 --> 01:27:53,040

too shy

2206

01:27:56,629 --> 01:27:56,159

to call but you'd like to get a question

2207

01:27:58,950 --> 01:27:56,639

in there

2208

01:28:00,310 --> 01:27:58,960

please put your questions in caps if

2209

01:28:03,990 --> 01:28:00,320

you're in chat over at

2210

01:28:08,149 --> 01:28:04,000

uh facebook or on youtube uh please

2211

01:28:09,830 --> 01:28:08,159

uh ask away so

2212

01:28:11,350 --> 01:28:09,840

i think uh you know it's an interesting

2213

01:28:14,390 --> 01:28:11,360

conversation

2214

01:28:15,590 --> 01:28:14,400

um so just to touch a little bit more on

2215

01:28:18,629 --> 01:28:15,600

going back to

2216

01:28:22,709 --> 01:28:18,639

the dimensional um

2217

01:28:26,390 --> 01:28:22,719

discussion you were saying that

2218

01:28:29,189 --> 01:28:26,400

there is there is a possibility

2219

01:28:30,870 --> 01:28:29,199

um let me just try to or maybe you

2220

01:28:33,669 --> 01:28:30,880

should kind of put in a nutshell

2221

01:28:34,390 --> 01:28:33,679

of how the travel would work i

2222

01:28:37,430 --> 01:28:34,400

understand you

2223

01:28:41,350 --> 01:28:37,440

you know we did the illustrations on the

2224

01:28:43,270 --> 01:28:41,360

technology of this but uh uh

2225

01:28:44,790 --> 01:28:43,280

here i i got a little thing i should

2226

01:28:47,910 --> 01:28:44,800

have showed this earlier

2227

01:28:51,350 --> 01:28:47,920

imagine this ball is a photon

2228

01:28:54,950 --> 01:28:51,360

and it's traveling from uh a little

2229

01:28:57,270 --> 01:28:54,960

chip of silicon that's uh bounced off a

2230

01:28:59,030 --> 01:28:57,280

a distant planet and it's heading going

2231

01:29:02,550 --> 01:28:59,040

through space getting through space

2232

01:29:03,510 --> 01:29:02,560

this is a photon and it hits it hits our

2233

01:29:06,709 --> 01:29:03,520

probe

2234

01:29:09,990 --> 01:29:06,719

you know and then

2235

01:29:13,110 --> 01:29:10,000

it gets absorbed inside the um

2236

01:29:15,430 --> 01:29:13,120

the probe and and so you know this

2237

01:29:17,350 --> 01:29:15,440

photon is inside the probe

2238

01:29:18,629 --> 01:29:17,360

let me turn it around for you if i do

2239

01:29:21,910 --> 01:29:18,639

this the other way

2240

01:29:25,590 --> 01:29:21,920

these are backwards and so then we uh

2241

01:29:28,709 --> 01:29:25,600

amplify we multiply that um photon

2242

01:29:31,990 --> 01:29:28,719

and so the um the ship

2243

01:29:34,149 --> 01:29:32,000

becomes how do i do it's the other way

2244

01:29:35,830 --> 01:29:34,159

it's the other way which way isn't that

2245

01:29:39,030 --> 01:29:35,840

is that is that forward

2246

01:29:41,510 --> 01:29:39,040

okay so the ship takes on the properties

2247

01:29:43,990 --> 01:29:41,520

of a giant electron okay

2248

01:29:44,950 --> 01:29:44,000

and then extended out the front of that

2249

01:29:47,189 --> 01:29:44,960

ship

2250

01:29:48,709 --> 01:29:47,199

is something that takes on the

2251

01:29:52,229 --> 01:29:48,719

properties of a giant

2252

01:29:55,830 --> 01:29:52,239

um positron and we we say

2253

01:29:58,870 --> 01:29:55,840

um it's a you know it's a process of

2254

01:30:00,790 --> 01:29:58,880

macroscopic um action you know the

2255

01:30:03,510 --> 01:30:00,800

things that happen in the quantum world

2256

01:30:04,470 --> 01:30:03,520

they're pretty amazing and you know if

2257

01:30:06,709 --> 01:30:04,480

we take those

2258

01:30:08,470 --> 01:30:06,719

things that happen in the quantum world

2259

01:30:10,390 --> 01:30:08,480

and we make them at the macro level

2260

01:30:13,510 --> 01:30:10,400

that's as big as human beings

2261

01:30:15,910 --> 01:30:13,520

so this positron you know you know

2262

01:30:17,110 --> 01:30:15,920

it's kind of big you know i hear this we

2263

01:30:18,709 --> 01:30:17,120

say i think

2264

01:30:20,550 --> 01:30:18,719

michael said that the probe that they

2265

01:30:23,750 --> 01:30:20,560

saw apparently was about

2266

01:30:26,229 --> 01:30:23,760

15 feet or so like six feet high and 12

2267

01:30:29,510 --> 01:30:26,239

feet across and i'm not sure exactly

2268

01:30:30,870 --> 01:30:29,520

but um so an electron we have an

2269

01:30:33,990 --> 01:30:30,880

electron here

2270

01:30:35,030 --> 01:30:34,000

that that's i keep spinning that an

2271

01:30:37,430 --> 01:30:35,040

electron

2272

01:30:39,430 --> 01:30:37,440

that's a si it's the size of a probe a

2273

01:30:43,830 --> 01:30:39,440

12-foot object you know

2274

01:30:47,270 --> 01:30:43,840

so uh and then so when we have

2275

01:30:50,709 --> 01:30:47,280

this uh electron and positron and then

2276

01:30:52,709 --> 01:30:50,719

let's see if i have it here uh

2277

01:30:55,430 --> 01:30:52,719

that then we have another electronic

2278

01:30:58,390 --> 01:30:55,440

positron this is from

2279

01:31:00,709 --> 01:30:58,400

this is from the the original photon and

2280

01:31:04,229 --> 01:31:00,719

then there's a kind of a swapping

2281

01:31:07,030 --> 01:31:04,239

of things where where this electron

2282

01:31:08,470 --> 01:31:07,040

is gonna match that positron that

2283

01:31:11,669 --> 01:31:08,480

originally came from the star

2284

01:31:13,350 --> 01:31:11,679

you know the distant thing and then uh

2285

01:31:14,870 --> 01:31:13,360

oops the other one where is it you know

2286

01:31:18,229 --> 01:31:14,880

the other positron

2287

01:31:19,189 --> 01:31:18,239

uh goes into another dimension or you

2288

01:31:25,830 --> 01:31:19,199

know

2289

01:31:28,870 --> 01:31:25,840

it's a swapping of positions and it's

2290

01:31:31,430 --> 01:31:28,880

not a rocket paradigm you know this is

2291

01:31:34,229 --> 01:31:31,440

quantum properties here

2292

01:31:34,870 --> 01:31:34,239

and so let me just ask you would this

2293

01:31:39,030 --> 01:31:34,880

whole

2294

01:31:40,470 --> 01:31:39,040

theory um is it a low energy or a high

2295

01:31:43,350 --> 01:31:40,480

energy

2296

01:31:45,669 --> 01:31:43,360

yield to get something like this to

2297

01:31:49,669 --> 01:31:45,679

propagate

2298

01:31:54,390 --> 01:31:53,030

you know the short answer is there was

2299

01:31:56,950 --> 01:31:54,400

some idea that

2300

01:31:58,550 --> 01:31:56,960

they they would um use something like

2301  
01:32:00,709 --> 01:31:58,560  
the the um

2302  
01:32:02,629 --> 01:32:00,719  
the nuclear power you know like a

2303  
01:32:05,350 --> 01:32:02,639  
nuclear submarine

2304  
01:32:05,910 --> 01:32:05,360  
um and i i forget the figures right now

2305  
01:32:08,310 --> 01:32:05,920  
but

2306  
01:32:10,390 --> 01:32:08,320  
you know submarines you know some of the

2307  
01:32:12,950 --> 01:32:10,400  
military submarines are powered by

2308  
01:32:13,910 --> 01:32:12,960  
nuclear power plants so the idea was to

2309  
01:32:17,270 --> 01:32:13,920  
get you know

2310  
01:32:20,470 --> 01:32:17,280  
maybe a a couple or so of these uh

2311  
01:32:22,390 --> 01:32:20,480  
nuclear generators you know inside the

2312  
01:32:24,470 --> 01:32:22,400  
probe so that's a problem you know is

2313  
01:32:26,390 --> 01:32:24,480

there size to do that some you know some

2314

01:32:28,229 --> 01:32:26,400

to work on but

2315

01:32:30,870 --> 01:32:28,239

there's also this thing of like you may

2316

01:32:32,550 --> 01:32:30,880

not need such enormous amounts of power

2317

01:32:34,390 --> 01:32:32,560

because you've got something spinning

2318

01:32:37,030 --> 01:32:34,400

you know what does a tornado do

2319

01:32:38,950 --> 01:32:37,040

you know i mean it you know tornadoes

2320

01:32:40,870 --> 01:32:38,960

incredibly destructive power because

2321

01:32:43,990 --> 01:32:40,880

it's spinning you know

2322

01:32:47,189 --> 01:32:44,000

and then um you know it's uh

2323

01:32:50,229 --> 01:32:47,199

it's a it has a strong um

2324

01:32:52,470 --> 01:32:50,239

uh magnetic uh charge to it

2325

01:32:55,830 --> 01:32:52,480

there's a lot going on this in this

2326

01:32:59,110 --> 01:32:55,840

thing and and so if you have multiple

2327

01:33:01,750 --> 01:32:59,120

you know forces focusing on a point and

2328

01:33:02,310 --> 01:33:01,760

you know high speed you you may not need

2329

01:33:06,310 --> 01:33:02,320

such

2330

01:33:09,990 --> 01:33:06,320

enormous amounts of power it's a um

2331

01:33:12,390 --> 01:33:10,000

it's a facile attack like oh you know

2332

01:33:14,470 --> 01:33:12,400

you don't have enough power to do it hey

2333

01:33:17,189 --> 01:33:14,480

they're not musicians

2334

01:33:18,790 --> 01:33:17,199

that you know i mean i'm not a scientist

2335

01:33:20,229 --> 01:33:18,800

i can't fully defend this to every

2336

01:33:21,750 --> 01:33:20,239

physicist in the world

2337

01:33:23,590 --> 01:33:21,760

but this is along the lines of the

2338

01:33:26,149 --> 01:33:23,600

thinking wow

2339

01:33:27,189 --> 01:33:26,159

interesting well i think i have a

2340

01:33:30,870 --> 01:33:27,199

actually a friend

2341

01:33:32,790 --> 01:33:30,880

on the line uh from michigan phil

2342

01:33:34,709 --> 01:33:32,800

is that you phil from michigan the phil

2343

01:33:36,310 --> 01:33:34,719

i know

2344

01:33:38,629 --> 01:33:36,320

that's the fill you know home of the

2345

01:33:41,270 --> 01:33:38,639

swamp gas

2346

01:33:41,990 --> 01:33:41,280

how you doing phil welcome to the show

2347

01:33:45,350 --> 01:33:42,000

you have a

2348

01:33:46,149 --> 01:33:45,360

a question or a comment tonight i have a

2349

01:33:49,189 --> 01:33:46,159

comment

2350

01:33:52,310 --> 01:33:49,199

and it's about

2351

01:33:56,070 --> 01:33:52,320

the um nick west

2352

01:34:00,149 --> 01:33:58,149

i'm sorry there's lots there's lots of

2353

01:34:02,310 --> 01:34:00,159

feedback going on here

2354

01:34:04,070 --> 01:34:02,320

all right um i'm wondering if uh if

2355

01:34:06,709 --> 01:34:04,080

that's happening maybe uh

2356

01:34:08,390 --> 01:34:06,719

maybe you should uh hang up and uh build

2357

01:34:09,590 --> 01:34:08,400

uh just call right back and bill will

2358

01:34:12,550 --> 01:34:09,600

bring you in

2359

01:34:15,110 --> 01:34:12,560

and uh we'll try it again so go ahead

2360

01:34:17,189 --> 01:34:15,120

we'll we'll wait to hear back from you

2361

01:34:19,430 --> 01:34:17,199

uh we have another another caller but

2362

01:34:21,430 --> 01:34:19,440

bill um

2363

01:34:24,229 --> 01:34:21,440

let's get uh let's get phil back on

2364

01:34:31,590 --> 01:34:28,470

um so i will just wait for that um

2365

01:34:33,830 --> 01:34:31,600

i'll say it again uh

2366

01:34:35,910 --> 01:34:33,840

martin you know our archivists of the

2367

01:34:38,709 --> 01:34:35,920

future are going to be really grateful

2368

01:34:41,270 --> 01:34:38,719

that you recorded you know the different

2369

01:34:44,070 --> 01:34:41,280

perspectives at this time period because

2370

01:34:44,470 --> 01:34:44,080

you know i i'm an archivist myself i

2371

01:34:47,750 --> 01:34:44,480

love

2372

01:34:50,070 --> 01:34:47,760

you know our you know archival work and

2373

01:34:52,390 --> 01:34:50,080

it it's great to get these opinions

2374

01:34:56,070 --> 01:34:52,400

they're not going to last in my opinion

2375

01:34:58,229 --> 01:34:56,080

but uh you know get them yeah why not

2376

01:35:00,709 --> 01:34:58,239

yeah all right phil why don't you try it

2377

01:35:03,590 --> 01:35:00,719

now he's back

2378

01:35:04,070 --> 01:35:03,600

okay yeah there's no feedback now yeah

2379

01:35:07,430 --> 01:35:04,080

my

2380

01:35:10,709 --> 01:35:07,440

comment was mick west

2381

01:35:14,149 --> 01:35:10,719

gets a lot of air time i hear him

2382

01:35:16,870 --> 01:35:14,159

everywhere and he has

2383

01:35:19,270 --> 01:35:16,880

no credentials to do what he's doing

2384

01:35:21,350 --> 01:35:19,280

he's a bloody video game programmer

2385

01:35:22,709 --> 01:35:21,360

and yet he's treated like some kind of

2386

01:35:26,149 --> 01:35:22,719

god

2387

01:35:29,510 --> 01:35:26,159

and i just kind of wonder why

2388

01:35:30,870 --> 01:35:29,520

he gets so much deference when he's

2389

01:35:33,990 --> 01:35:30,880

he's actually a member of an

2390

01:35:37,350 --> 01:35:34,000

organization called the

2391

01:35:40,070 --> 01:35:37,360

csi and he used to be called cycop

2392

01:35:41,350 --> 01:35:40,080

and he's a fellow with them and if

2393

01:35:44,390 --> 01:35:41,360

anybody's followed

2394

01:35:48,310 --> 01:35:44,400

their career they make a habit

2395

01:35:51,830 --> 01:35:48,320

of belittling everybody who doesn't

2396

01:35:54,790 --> 01:35:51,840

believe what they do so my

2397

01:35:55,669 --> 01:35:54,800

suggestion is i think people in the ufo

2398

01:35:57,990 --> 01:35:55,679

community

2399

01:35:59,350 --> 01:35:58,000

should start becoming aggressive at

2400

01:36:02,790 --> 01:35:59,360

people like

2401  
01:36:04,550 --> 01:36:02,800  
mick west and and tyson and that other

2402  
01:36:07,430 --> 01:36:04,560  
yoyo that you were talking about that

2403  
01:36:10,070 --> 01:36:07,440  
did that article

2404  
01:36:11,669 --> 01:36:10,080  
anyway i've done i just wanted to get

2405  
01:36:14,790 --> 01:36:11,679  
that out there

2406  
01:36:18,070 --> 01:36:14,800  
well you know i i i feel phil

2407  
01:36:20,149 --> 01:36:18,080  
uh thank you for that and um i feel like

2408  
01:36:23,189 --> 01:36:20,159  
it seems like every time in ufology

2409  
01:36:24,950 --> 01:36:23,199  
every every moment in ufology has

2410  
01:36:26,870 --> 01:36:24,960  
that type of person you know there's

2411  
01:36:28,310 --> 01:36:26,880  
michael shermer uh you know

2412  
01:36:30,229 --> 01:36:28,320  
michael had on the show actually i

2413  
01:36:32,790 --> 01:36:30,239

thought he was kind of a gentleman uh

2414

01:36:33,350 --> 01:36:32,800

he was respectful and all that but there

2415

01:36:36,470 --> 01:36:33,360

are those

2416

01:36:39,669 --> 01:36:36,480

uh people like phil uh class

2417

01:36:42,310 --> 01:36:39,679

from you know way back that um are

2418

01:36:42,709 --> 01:36:42,320

are quite arrogant and um i do agree

2419

01:36:47,270 --> 01:36:42,719

there's

2420

01:36:50,470 --> 01:36:47,280

skepticism and debunking

2421

01:36:54,470 --> 01:36:50,480

and also you you make a good point

2422

01:36:57,830 --> 01:36:54,480

where um you know why is why is

2423

01:37:00,709 --> 01:36:57,840

cr west everywhere when

2424

01:37:01,990 --> 01:37:00,719

uh mcwest everywhere on all these

2425

01:37:03,830 --> 01:37:02,000

programs we're talking

2426

01:37:05,590 --> 01:37:03,840

you know news programs and everything as

2427

01:37:07,109 --> 01:37:05,600

the go-to expert

2428

01:37:09,270 --> 01:37:07,119

i think he's out there because he's a

2429

01:37:12,550 --> 01:37:09,280

squeaky axle he's he's uh really

2430

01:37:14,870 --> 01:37:12,560

out there blasting away i don't know any

2431

01:37:17,030 --> 01:37:14,880

other reason perspective on that

2432

01:37:18,229 --> 01:37:17,040

i i believe he's been put in that

2433

01:37:21,590 --> 01:37:18,239

position

2434

01:37:23,350 --> 01:37:21,600

by the organization csi they're a very

2435

01:37:27,510 --> 01:37:23,360

powerful group

2436

01:37:29,510 --> 01:37:27,520

oh okay and they're using him

2437

01:37:31,750 --> 01:37:29,520

you know he never mentions this he never

2438

01:37:35,109 --> 01:37:31,760

mentions that he's a member of csi

2439

01:37:37,990 --> 01:37:35,119

but he's a csi fellow he's not just

2440

01:37:38,950 --> 01:37:38,000

an ordinary believer in the mission of

2441

01:37:43,030 --> 01:37:38,960

csi

2442

01:37:45,430 --> 01:37:43,040

he's one of them interesting

2443

01:37:47,430 --> 01:37:45,440

skeptics group is skeptical in choir is

2444

01:37:50,790 --> 01:37:47,440

that as fellows

2445

01:37:53,030 --> 01:37:50,800

yes yes that's exactly it yeah yeah yeah

2446

01:37:54,870 --> 01:37:53,040

so yeah i mean i pick up their magazine

2447

01:37:55,669 --> 01:37:54,880

once in a while i look at it you know

2448

01:37:58,149 --> 01:37:55,679

and

2449

01:37:58,790 --> 01:37:58,159

you know it it just keeps us on our toes

2450

01:38:01,510 --> 01:37:58,800

it you know

2451  
01:38:03,590 --> 01:38:01,520  
keeps our pencils sharp and oh you know

2452  
01:38:07,430 --> 01:38:03,600  
but uh

2453  
01:38:11,030 --> 01:38:07,440  
certainly i feel very differently and um

2454  
01:38:14,149 --> 01:38:11,040  
uh we need to be respectful

2455  
01:38:16,709 --> 01:38:14,159  
um but i i think we also need to um

2456  
01:38:17,990 --> 01:38:16,719  
look at people who are really forward

2457  
01:38:20,550 --> 01:38:18,000  
thinking and um

2458  
01:38:22,709 --> 01:38:20,560  
encourage them and and give them

2459  
01:38:26,149 --> 01:38:22,719  
strength as well

2460  
01:38:28,629 --> 01:38:26,159  
yeah okay well my perspective on csi

2461  
01:38:30,629 --> 01:38:28,639  
is they're very dishonest and they're

2462  
01:38:34,390 --> 01:38:30,639  
not very nice people

2463  
01:38:37,109 --> 01:38:34,400

and you just have i've

2464

01:38:37,430 --> 01:38:37,119

experienced them for the last 40 years

2465

01:38:40,950 --> 01:38:37,440

or

2466

01:38:43,669 --> 01:38:40,960

existence and they're just

2467

01:38:43,990 --> 01:38:43,679

a nasty bunch of scientists that don't

2468

01:38:46,870 --> 01:38:44,000

like

2469

01:38:47,590 --> 01:38:46,880

anything that's beyond what they believe

2470

01:38:49,270 --> 01:38:47,600

in

2471

01:38:50,629 --> 01:38:49,280

anyway i've taken up enough time thank

2472

01:38:52,550 --> 01:38:50,639

you very much martin

2473

01:38:56,149 --> 01:38:52,560

thank you phil and by the way phil is a

2474

01:38:58,709 --> 01:38:56,159

scientist so thanks for the call phil

2475

01:38:59,510 --> 01:38:58,719

yeah all right you bet all right take

2476

01:39:01,430 --> 01:38:59,520

care

2477

01:39:03,430 --> 01:39:01,440

there are people doing extraordinary

2478

01:39:06,790 --> 01:39:03,440

things um

2479

01:39:08,629 --> 01:39:06,800

and so you know people can have whatever

2480

01:39:11,030 --> 01:39:08,639

believes they they want but uh

2481

01:39:12,390 --> 01:39:11,040

yeah just just like alan bean said in

2482

01:39:14,709 --> 01:39:12,400

the uh clip earlier

2483

01:39:16,310 --> 01:39:14,719

you know it it doesn't do any harm if

2484

01:39:17,750 --> 01:39:16,320

the people want to think that nobody

2485

01:39:19,350 --> 01:39:17,760

landed on the moon

2486

01:39:21,030 --> 01:39:19,360

it doesn't hurt anyone as according to

2487

01:39:23,430 --> 01:39:21,040

him

2488

01:39:25,189 --> 01:39:23,440

there are situations where that type of

2489

01:39:27,910 --> 01:39:25,199

stubbornness can hurt

2490

01:39:28,390 --> 01:39:27,920

but uh in this particular case i i just

2491

01:39:32,070 --> 01:39:28,400

think it

2492

01:39:34,149 --> 01:39:32,080

uh you know can set us back

2493

01:39:35,430 --> 01:39:34,159

i don't know how much uh you know you'd

2494

01:39:37,990 --> 01:39:35,440

consider that hurting

2495

01:39:39,750 --> 01:39:38,000

anyone but uh we have chris on from

2496

01:39:43,750 --> 01:39:39,760

houston texas chris

2497

01:39:47,910 --> 01:39:43,760

welcome to the show hi um

2498

01:39:51,270 --> 01:39:47,920

i'm calling about the probe itself um

2499

01:39:54,550 --> 01:39:51,280

i tuned in late and i first thing i saw

2500

01:39:57,350 --> 01:39:54,560

was the image of the three colors and uh

2501  
01:39:58,310 --> 01:39:57,360  
i saw i got excited because i saw

2502  
01:40:01,189 --> 01:39:58,320  
something

2503  
01:40:01,990 --> 01:40:01,199  
like that in 1959 when i was nine years

2504  
01:40:03,990 --> 01:40:02,000  
old

2505  
01:40:06,229 --> 01:40:04,000  
and i've never had an explanation for it

2506  
01:40:07,990 --> 01:40:06,239  
in all those years i've i've read

2507  
01:40:09,430 --> 01:40:08,000  
occasionally accounts from some other

2508  
01:40:11,430 --> 01:40:09,440  
person who had yes

2509  
01:40:14,149 --> 01:40:11,440  
who had seen something like it the one i

2510  
01:40:16,790 --> 01:40:14,159  
saw it looked like it was

2511  
01:40:17,750 --> 01:40:16,800  
um a few hundred feet in the air and it

2512  
01:40:19,750 --> 01:40:17,760  
looked like it was

2513  
01:40:21,350 --> 01:40:19,760

slightly bigger maybe the size of a

2514

01:40:24,470 --> 01:40:21,360

helicopter but

2515

01:40:25,109 --> 01:40:24,480

it really hard to tell and and made no

2516

01:40:28,229 --> 01:40:25,119

noise and

2517

01:40:30,390 --> 01:40:28,239

it came toward i was with a friend

2518

01:40:32,629 --> 01:40:30,400

out in a field and it came toward us but

2519

01:40:33,430 --> 01:40:32,639

then it turned and it landed behind

2520

01:40:35,750 --> 01:40:33,440

trees

2521

01:40:37,350 --> 01:40:35,760

in an area where there's over the years

2522

01:40:40,470 --> 01:40:37,360

there's been other activity

2523

01:40:42,390 --> 01:40:40,480

um and so my question is

2524

01:40:44,070 --> 01:40:42,400

when if you're on the ground like this

2525

01:40:47,109 --> 01:40:44,080

gentleman was your contact

2526

01:40:49,030 --> 01:40:47,119

mr miller i think um when if you

2527

01:40:50,950 --> 01:40:49,040

saw that in the skype it has already

2528

01:40:53,270 --> 01:40:50,960

it's already done its

2529

01:40:55,189 --> 01:40:53,280

travel where it's version of getting

2530

01:40:57,830 --> 01:40:55,199

from there to here it's slowed down and

2531

01:41:01,590 --> 01:40:57,840

it's in the atmosphere right

2532

01:41:05,030 --> 01:41:01,600

or is it just an image that i was seeing

2533

01:41:05,430 --> 01:41:05,040

no i mean it's you know the term slowed

2534

01:41:08,629 --> 01:41:05,440

down

2535

01:41:09,109 --> 01:41:08,639

is is something that uh you know these

2536

01:41:12,790 --> 01:41:09,119

things

2537

01:41:16,629 --> 01:41:12,800

they just stop instantly and um

2538

01:41:20,390 --> 01:41:16,639

you know that um there's a reason that

2539

01:41:23,990 --> 01:41:20,400

the the probe has red green and blue

2540

01:41:24,310 --> 01:41:24,000

colors because uh red green and blue

2541

01:41:27,350 --> 01:41:24,320

when

2542

01:41:30,870 --> 01:41:27,360

put together additively make white

2543

01:41:33,350 --> 01:41:30,880

and so um when you have these

2544

01:41:34,629 --> 01:41:33,360

different wavelengths the red blue and

2545

01:41:35,669 --> 01:41:34,639

green wavelength and you put them

2546

01:41:40,550 --> 01:41:35,679

together

2547

01:41:44,310 --> 01:41:40,560

uh into white uh light you you have

2548

01:41:45,990 --> 01:41:44,320

like many different wavelengths and um

2549

01:41:47,590 --> 01:41:46,000

so that that was part of the colors and

2550

01:41:49,189 --> 01:41:47,600

then the the shape of the thing the

2551

01:41:52,149 --> 01:41:49,199

teardrop shape

2552

01:41:53,510 --> 01:41:52,159

um what was what was your sighting

2553

01:41:55,270 --> 01:41:53,520

teardrop shape or was it

2554

01:41:56,870 --> 01:41:55,280

i couldn't i couldn't see anything but

2555

01:41:59,590 --> 01:41:56,880

the the three colors

2556

01:42:01,750 --> 01:41:59,600

uh i couldn't see any structure at all

2557

01:42:04,870 --> 01:42:01,760

uh behind it just the three

2558

01:42:07,510 --> 01:42:04,880

a round shape with the three parts

2559

01:42:08,709 --> 01:42:07,520

in the sky coming toward me but not like

2560

01:42:10,950 --> 01:42:08,719

approaching me but

2561

01:42:12,390 --> 01:42:10,960

pretty you know like i said looked like

2562

01:42:13,510 --> 01:42:12,400

it was a couple hundred feet up maybe

2563

01:42:15,830 --> 01:42:13,520

and then it turned

2564

01:42:18,310 --> 01:42:15,840

and went in down behind trees where

2565

01:42:21,189 --> 01:42:18,320

there's a creek

2566

01:42:23,109 --> 01:42:21,199

yeah i mean what can i say you're

2567

01:42:23,669 --> 01:42:23,119

validating it it's wonderful i mean it's

2568

01:42:26,070 --> 01:42:23,679

very

2569

01:42:26,950 --> 01:42:26,080

exciting to hear you say this um it's

2570

01:42:30,550 --> 01:42:26,960

you know

2571

01:42:32,709 --> 01:42:30,560

it's trying to see all this material

2572

01:42:34,629 --> 01:42:32,719

yeah i mean you're you're validating me

2573

01:42:37,270 --> 01:42:34,639

i'm validating you here

2574

01:42:38,149 --> 01:42:37,280

that's pretty incredible um so the other

2575

01:42:39,910 --> 01:42:38,159

question is

2576

01:42:41,590 --> 01:42:39,920  
assuming that it's slowed down i

2577

01:42:44,229 --> 01:42:41,600  
understand that part now but

2578

01:42:44,629 --> 01:42:44,239  
it was i in any danger was there like

2579

01:42:48,070 --> 01:42:44,639  
some

2580

01:42:52,070 --> 01:42:48,080  
uh threat from that

2581

01:42:54,709 --> 01:42:52,080  
uh you know i i think

2582

01:42:55,990 --> 01:42:54,719  
i think i can say that uh mr miller's

2583

01:42:58,470 --> 01:42:56,000  
experience the object

2584

01:42:59,350 --> 01:42:58,480  
went down below trees as well so that

2585

01:43:01,669 --> 01:42:59,360  
there's sort of a

2586

01:43:02,550 --> 01:43:01,679  
parallel of phrases there it's kind of

2587

01:43:05,750 --> 01:43:02,560  
interesting

2588

01:43:06,629 --> 01:43:05,760

yeah i missed that part uh yeah you you

2589

01:43:08,229 --> 01:43:06,639

said that and

2590

01:43:11,189 --> 01:43:08,239

i i might not have mentioned it before

2591

01:43:14,870 --> 01:43:11,199

but mr miller has said that as well

2592

01:43:15,350 --> 01:43:14,880

but uh the what has happened to you you

2593

01:43:17,430 --> 01:43:15,360

know

2594

01:43:18,950 --> 01:43:17,440

you've lived it seems many years uh

2595

01:43:20,470 --> 01:43:18,960

since you were nine years old and you

2596

01:43:22,870 --> 01:43:20,480

know and you're still

2597

01:43:25,430 --> 01:43:22,880

you're still going and um maybe you've

2598

01:43:28,470 --> 01:43:25,440

gotten

2599

01:43:30,550 --> 01:43:28,480

you know no extra terrestrial has ever

2600

01:43:34,310 --> 01:43:30,560

hurt me plenty of humans have

2601

01:43:36,790 --> 01:43:34,320

yeah yeah so you know uh

2602

01:43:38,070 --> 01:43:36,800

you know you're an open-minded fellow

2603

01:43:40,470 --> 01:43:38,080

that's the important point

2604

01:43:41,590 --> 01:43:40,480

and you know um and you saw something

2605

01:43:44,470 --> 01:43:41,600

extraordinary and

2606

01:43:46,149 --> 01:43:44,480

and now i'm saying that somebody else

2607

01:43:48,310 --> 01:43:46,159

has had that same experience so

2608

01:43:49,750 --> 01:43:48,320

i know i love i love this explanation i

2609

01:43:51,510 --> 01:43:49,760

don't know if it's you know

2610

01:43:52,870 --> 01:43:51,520

your physicist friends may say it's not

2611

01:43:55,590 --> 01:43:52,880

completely on point but i

2612

01:43:56,550 --> 01:43:55,600

it's very fascinating uh chris let me

2613

01:43:59,590 --> 01:43:56,560

ask you something

2614

01:44:03,830 --> 01:43:59,600

did this happen to you um in the same

2615

01:44:07,750 --> 01:44:06,390

yes yes yes and i've called it or i've

2616

01:44:12,229 --> 01:44:07,760

had other experiences but

2617

01:44:16,470 --> 01:44:15,430

how long ago was that the other

2618

01:44:19,510 --> 01:44:16,480

experiences or

2619

01:44:23,590 --> 01:44:19,520

this one no no this one in particular

2620

01:44:27,189 --> 01:44:23,600

well 1959 so i was nine years old

2621

01:44:28,550 --> 01:44:27,199

and uh i'm 71 now and uh

2622

01:44:29,750 --> 01:44:28,560

i might have been you know i've been i

2623

01:44:30,629 --> 01:44:29,760

might have been 10 to 10 i thought i

2624

01:44:33,990 --> 01:44:30,639

think i was mine

2625

01:44:37,109 --> 01:44:34,000

um and it was a part of houston

2626

01:44:40,629 --> 01:44:37,119

where i grew up and i had had other

2627

01:44:42,550 --> 01:44:40,639

odd experiences at on that creek um

2628

01:44:44,310 --> 01:44:42,560

it's like a hotbed of activity over

2629

01:44:45,669 --> 01:44:44,320

there in that particular creek

2630

01:44:48,550 --> 01:44:45,679

now south of houston a creek that

2631

01:44:49,430 --> 01:44:48,560

happens to empty directly into clear

2632

01:44:52,629 --> 01:44:49,440

lake

2633

01:44:56,229 --> 01:44:52,639

which is where nasa is and of course

2634

01:44:58,310 --> 01:44:56,239

that's led me to imagine some things but

2635

01:44:59,750 --> 01:44:58,320

yeah i want to validate your experience

2636

01:45:02,149 --> 01:44:59,760

again and say that

2637

01:45:03,189 --> 01:45:02,159

many people are saying that unusual

2638

01:45:05,590 --> 01:45:03,199

things

2639

01:45:06,470 --> 01:45:05,600

can sometimes happen in unique places on

2640

01:45:09,430 --> 01:45:06,480

earth

2641

01:45:10,790 --> 01:45:09,440

i i don't fully unders i don't

2642

01:45:12,870 --> 01:45:10,800

understand that at all

2643

01:45:14,070 --> 01:45:12,880

but i have heard other people say that

2644

01:45:16,390 --> 01:45:14,080

um

2645

01:45:17,350 --> 01:45:16,400

knowledgeable people say that and and i

2646

01:45:19,109 --> 01:45:17,360

i want to

2647

01:45:21,350 --> 01:45:19,119

show you another picture here you know

2648

01:45:23,990 --> 01:45:21,360

while i'm at it uh you know when you

2649

01:45:25,030 --> 01:45:24,000

you get a uh a magnet you know a bar

2650

01:45:28,149 --> 01:45:25,040

magnet

2651  
01:45:30,229 --> 01:45:28,159  
and you you put the iron filings uh down

2652  
01:45:33,270 --> 01:45:30,239  
and you see that ovoid shape

2653  
01:45:37,030 --> 01:45:33,280  
well lookie here are like uh oval

2654  
01:45:39,350 --> 01:45:37,040  
and this is quite intentional uh fits in

2655  
01:45:41,590 --> 01:45:39,360  
to that ovoid shape where there's a

2656  
01:45:44,790 --> 01:45:41,600  
north pole in the south pole

2657  
01:45:47,510 --> 01:45:44,800  
and um you know the the field lines

2658  
01:45:48,950 --> 01:45:47,520  
you know take on that take on that shape

2659  
01:45:51,030 --> 01:45:48,960  
if you can see and then

2660  
01:45:52,709 --> 01:45:51,040  
the tail you know has this kind of

2661  
01:45:55,830 --> 01:45:52,719  
corona as well

2662  
01:45:56,790 --> 01:45:55,840  
uh you know you you put down a magnet

2663  
01:45:59,590 --> 01:45:56,800

you're gonna see that

2664

01:46:01,350 --> 01:45:59,600

that thing so this is not a rocket ship

2665

01:46:03,750 --> 01:46:01,360

you know

2666

01:46:04,709 --> 01:46:03,760

right right well it almost seems like a

2667

01:46:14,390 --> 01:46:04,719

an

2668

01:46:15,590 --> 01:46:14,400

through the underground you know you've

2669

01:46:20,470 --> 01:46:15,600

created a vacuum

2670

01:46:23,669 --> 01:46:20,480

a sort of a a um

2671

01:46:23,990 --> 01:46:23,679

what's called a quantum vacuum pulling

2672

01:46:26,310 --> 01:46:24,000

from

2673

01:46:30,470 --> 01:46:26,320

you're pushing your presence in front of

2674

01:46:36,390 --> 01:46:34,390

yes yes uh

2675

01:46:37,830 --> 01:46:36,400

also just to go back to anecdotes uh

2676  
01:46:38,470 --> 01:46:37,840  
there's this fellow i can't remember the

2677  
01:46:41,750 --> 01:46:38,480  
author

2678  
01:46:42,790 --> 01:46:41,760  
named sir sir something chai chester or

2679  
01:46:45,350 --> 01:46:42,800  
something

2680  
01:46:47,109 --> 01:46:45,360  
he's the guy wrote lonely sky in the sea

2681  
01:46:48,870 --> 01:46:47,119  
uh there's a fellow he he sailed the

2682  
01:46:50,870 --> 01:46:48,880  
atlantic by himself

2683  
01:46:52,470 --> 01:46:50,880  
and then he saw something in the sky

2684  
01:46:54,229 --> 01:46:52,480  
that he said was

2685  
01:46:56,950 --> 01:46:54,239  
i believe he said it was tear drop shape

2686  
01:47:00,950 --> 01:46:56,960  
and red white white red green and blue

2687  
01:47:02,950 --> 01:47:00,960  
uh so that's another person who you know

2688  
01:47:04,550 --> 01:47:02,960

he saw an object in the sky that you

2689

01:47:06,390 --> 01:47:04,560

know was not an airplane and this is way

2690

01:47:09,510 --> 01:47:06,400

back i don't know what the 40s is

2691

01:47:12,950 --> 01:47:09,520

whatever 30s or something uh i mean

2692

01:47:16,629 --> 01:47:12,960

i'm gonna read that account yeah uh sir

2693

01:47:19,990 --> 01:47:16,639

what's his name lonely sky on the sea

2694

01:47:23,350 --> 01:47:20,000

he uh maybe it's the fifties but um

2695

01:47:23,750 --> 01:47:23,360

uh he's a great writer too chris thank

2696

01:47:29,270 --> 01:47:23,760

you

2697

01:47:29,990 --> 01:47:29,280

again all right yeah great work good to

2698

01:47:32,310 --> 01:47:30,000

talk to you

2699

01:47:33,830 --> 01:47:32,320

so the lines are are open wide open

2700

01:47:35,669 --> 01:47:33,840

right now again that number is eight

2701

01:47:39,109 --> 01:47:35,679

five five

2702

01:47:41,990 --> 01:47:39,119

two earlier on in chat

2703

01:47:43,270 --> 01:47:42,000

um we had a question that came up that i

2704

01:47:45,990 --> 01:47:43,280

meant to post

2705

01:47:47,350 --> 01:47:46,000

and uh that person wanted to know what

2706

01:47:50,390 --> 01:47:47,360

your thoughts were

2707

01:47:52,229 --> 01:47:50,400

on of the unidentified objects that

2708

01:47:54,550 --> 01:47:52,239

people claim to see

2709

01:47:55,350 --> 01:47:54,560

that are you know triangle-shaped very

2710

01:47:59,350 --> 01:47:55,360

large

2711

01:48:01,750 --> 01:47:59,360

um do you do you think that uh

2712

01:48:02,709 --> 01:48:01,760

i think the opinion was um are you

2713

01:48:05,189 --> 01:48:02,719

looking at

2714

01:48:06,950 --> 01:48:05,199

this as a secret military or any parts

2715

01:48:09,669 --> 01:48:06,960

of the secret military or

2716

01:48:10,390 --> 01:48:09,679

could something like this um evolve

2717

01:48:13,350 --> 01:48:10,400

without

2718

01:48:16,870 --> 01:48:13,360

um you know someone using that

2719

01:48:21,590 --> 01:48:20,149

well um the interesting thing is um

2720

01:48:23,270 --> 01:48:21,600

you know that historically they talk

2721

01:48:27,270 --> 01:48:23,280

about the tr-3b it was

2722

01:48:28,709 --> 01:48:27,280

some um alleged military craft that was

2723

01:48:31,510 --> 01:48:28,719

triangular

2724

01:48:32,070 --> 01:48:31,520

and then uh there were reports in the

2725

01:48:34,070 --> 01:48:32,080

belgium

2726

01:48:35,669 --> 01:48:34,080

air force reports and the belgian

2727

01:48:38,950 --> 01:48:35,679

citizen reports of

2728

01:48:39,430 --> 01:48:38,960

the ufo flap in the 80s of triangle

2729

01:48:42,950 --> 01:48:39,440

shaped

2730

01:48:43,750 --> 01:48:42,960

objects and then um the significant one

2731

01:48:46,950 --> 01:48:43,760

i think is the

2732

01:48:49,750 --> 01:48:46,960

um we reported on

2733

01:48:51,590 --> 01:48:49,760

the phoenix lights where it was either a

2734

01:48:52,709 --> 01:48:51,600

boomerang shaped or triangular shaped

2735

01:48:56,629 --> 01:48:52,719

object

2736

01:48:58,229 --> 01:48:56,639

and um it i i was very much an activist

2737

01:49:01,350 --> 01:48:58,239

in the ufo community

2738

01:49:02,950 --> 01:49:01,360

at the time of the phoenix lights and

2739

01:49:04,390 --> 01:49:02,960

again it was a very exciting time and

2740

01:49:08,550 --> 01:49:04,400

then we were

2741

01:49:08,870 --> 01:49:08,560

um you know uh concerned by the remarks

2742

01:49:11,270 --> 01:49:08,880

of

2743

01:49:13,189 --> 01:49:11,280

fife symington at the time and he he

2744

01:49:16,470 --> 01:49:13,199

mocked it by uh

2745

01:49:19,030 --> 01:49:16,480

dressing in a costume of an alien uh but

2746

01:49:20,629 --> 01:49:19,040

you know as we all know um five

2747

01:49:22,470 --> 01:49:20,639

simmington has turned around

2748

01:49:24,790 --> 01:49:22,480

and said he could not explain what he

2749

01:49:27,830 --> 01:49:24,800

saw so and he was a

2750

01:49:30,229 --> 01:49:27,840

knowledgeable pilot so

2751

01:49:31,189 --> 01:49:30,239

again it's it's it's a mystery we don't

2752

01:49:37,669 --> 01:49:31,199

know

2753

01:49:39,510 --> 01:49:37,679

um and again i i support advocacy to um

2754

01:49:42,870 --> 01:49:39,520

that the people in the representative

2755

01:49:46,229 --> 01:49:42,880

government should know what's going on

2756

01:49:47,990 --> 01:49:46,239

right right um so we have uh

2757

01:49:49,669 --> 01:49:48,000

we could take one more call if someone

2758

01:49:51,430 --> 01:49:49,679

else would like to call in other than

2759

01:49:53,189 --> 01:49:51,440

that we're going to uh

2760

01:49:55,270 --> 01:49:53,199

we're going to uh we have about four

2761

01:49:57,350 --> 01:49:55,280

minutes left to the show only

2762

01:49:58,629 --> 01:49:57,360

so if you'd like to call you better call

2763

01:50:00,470 --> 01:49:58,639

in quick if you would

2764

01:50:01,750 --> 01:50:00,480

um i'm going to be taking that number

2765

01:50:04,790 --> 01:50:01,760

down so

2766

01:50:05,990 --> 01:50:04,800

um um so that's interesting that you

2767

01:50:09,030 --> 01:50:06,000

were really

2768

01:50:10,550 --> 01:50:09,040

in involved in the ufo uh world or

2769

01:50:11,830 --> 01:50:10,560

really paying attention back during the

2770

01:50:14,629 --> 01:50:11,840

phoenix lights

2771

01:50:14,950 --> 01:50:14,639

that um it's unfortunate that a lot of

2772

01:50:18,470 --> 01:50:14,960

what

2773

01:50:21,109 --> 01:50:18,480

um people see when they're looking

2774

01:50:23,589 --> 01:50:21,119

are not the phoenix lights a lot of film

2775

01:50:26,470 --> 01:50:23,599

was taken of the flares unfortunately

2776  
01:50:27,030 --> 01:50:26,480  
there's supposedly only one real good

2777  
01:50:29,589 --> 01:50:27,040  
video

2778  
01:50:30,229 --> 01:50:29,599  
of uh what people were seeing and the

2779  
01:50:33,350 --> 01:50:30,239  
rest is

2780  
01:50:36,070 --> 01:50:33,360  
the flares from what i understand

2781  
01:50:36,470 --> 01:50:36,080  
but that was uh that was an incredible

2782  
01:50:41,910 --> 01:50:36,480  
um

2783  
01:50:44,390 --> 01:50:41,920  
know i had peter davenport on this

2784  
01:50:45,589 --> 01:50:44,400  
show at one point and he was saying that

2785  
01:50:51,350 --> 01:50:45,599  
uh

2786  
01:50:53,750 --> 01:50:51,360  
some accounts that could that craft

2787  
01:50:56,709 --> 01:50:53,760  
could have been up to eight miles

2788  
01:50:58,709 --> 01:50:56,719

wide you know which is uh you know or uh

2789

01:50:59,589 --> 01:50:58,719

you know a minimum at a few miles or

2790

01:51:02,629 --> 01:50:59,599

something

2791

01:51:03,990 --> 01:51:02,639

and to me when you know this

2792

01:51:05,830 --> 01:51:04,000

the skeptics are saying oh that's

2793

01:51:06,310 --> 01:51:05,840

something military that we developed i i

2794

01:51:12,070 --> 01:51:06,320

don't

2795

01:51:13,589 --> 01:51:12,080

that we could have something that large

2796

01:51:16,310 --> 01:51:13,599

that we could house

2797

01:51:18,070 --> 01:51:16,320

and uh keep secret um all the way back

2798

01:51:19,510 --> 01:51:18,080

to 1997.

2799

01:51:22,550 --> 01:51:19,520

you know it just doesn't make any sense

2800

01:51:26,070 --> 01:51:25,270

and uh one more comment i'd like to make

2801

01:51:27,830 --> 01:51:26,080

um i

2802

01:51:29,589 --> 01:51:27,840

i get i don't have it here i can't put

2803

01:51:30,550 --> 01:51:29,599

it up i did put it on on our facebook

2804

01:51:33,270 --> 01:51:30,560

page

2805

01:51:34,629 --> 01:51:33,280

but there is a pilot a military pilot

2806

01:51:37,750 --> 01:51:34,639

talking about

2807

01:51:42,390 --> 01:51:37,760

what sounds like a tic-tac-shaped

2808

01:51:44,790 --> 01:51:42,400

um object that he saw in 1931

2809

01:51:46,870 --> 01:51:44,800

it's an interview from 1931 he talks

2810

01:51:49,669 --> 01:51:46,880

about a pearl it's like a pearl with a

2811

01:51:50,470 --> 01:51:49,679

tail and then it disappeared and came

2812

01:51:52,550 --> 01:51:50,480

back

2813

01:51:53,589 --> 01:51:52,560

uh very fascinating but one of the

2814

01:51:56,310 --> 01:51:53,599

questions i have

2815

01:51:58,470 --> 01:51:56,320

for you is uh in this theory that you're

2816

01:52:01,589 --> 01:51:58,480

talking about this travel

2817

01:52:04,390 --> 01:52:01,599

theory a lot of people

2818

01:52:05,589 --> 01:52:04,400

say that they see a ufo and then it

2819

01:52:07,830 --> 01:52:05,599

blinks out

2820

01:52:09,109 --> 01:52:07,840

would this also be the case of this

2821

01:52:11,350 --> 01:52:09,119

travel

2822

01:52:13,669 --> 01:52:11,360

that you're talking about because it's a

2823

01:52:15,109 --> 01:52:13,679

another dimension it's using another

2824

01:52:18,149 --> 01:52:15,119

dimension

2825

01:52:21,270 --> 01:52:18,159

yeah right on the point this is not

2826

01:52:22,149 --> 01:52:21,280

uh standard travel this is like one

2827

01:52:24,790 --> 01:52:22,159

place

2828

01:52:26,390 --> 01:52:24,800

you know going into another dimension

2829

01:52:28,629 --> 01:52:26,400

and

2830

01:52:29,750 --> 01:52:28,639

being in another place it's a different

2831

01:52:33,270 --> 01:52:29,760

way of thinking

2832

01:52:35,030 --> 01:52:33,280

and you know something blanks out it's

2833

01:52:36,550 --> 01:52:35,040

blinking to another place somewhere else

2834

01:52:38,149 --> 01:52:36,560

it's blanking on

2835

01:52:39,669 --> 01:52:38,159

it's a different way of thinking it's a

2836

01:52:42,790 --> 01:52:39,679

paradigm shift

2837

01:52:46,070 --> 01:52:42,800

um so that's a very good point yeah

2838

01:52:48,709 --> 01:52:46,080

yeah all fascinating well um

2839

01:52:49,669 --> 01:52:48,719

it's been a real pleasure now are you

2840

01:52:51,109 --> 01:52:49,679

did i

2841

01:52:54,149 --> 01:52:51,119

when we were talking off here did you

2842

01:52:57,589 --> 01:52:54,159

say you might write another book

2843

01:52:59,830 --> 01:52:57,599

yeah like i'm gathering notes now

2844

01:53:00,790 --> 01:52:59,840

toward making another book uh with mr

2845

01:53:04,310 --> 01:53:00,800

milller

2846

01:53:07,030 --> 01:53:04,320

um he has you know some responses to the

2847

01:53:08,709 --> 01:53:07,040

critiques that we've received and he has

2848

01:53:12,149 --> 01:53:08,719

some new ideas

2849

01:53:15,669 --> 01:53:12,159

um it's just at the beginning stages

2850

01:53:18,870 --> 01:53:15,679

um but again i want to just say like

2851

01:53:21,750 --> 01:53:18,880

my my first book was was this one

2852

01:53:22,070 --> 01:53:21,760

and uh it's kind of a thinner book and

2853

01:53:25,350 --> 01:53:22,080

and

2854

01:53:29,109 --> 01:53:25,360

you know had kind of fewer details on it

2855

01:53:31,589 --> 01:53:29,119

uh this second book is about 290 pages

2856

01:53:33,669 --> 01:53:31,599

and uh you know so there are

2857

01:53:36,149 --> 01:53:33,679

developments of things you know

2858

01:53:37,189 --> 01:53:36,159

and i just want to emphasize that you

2859

01:53:39,030 --> 01:53:37,199

know you

2860

01:53:40,229 --> 01:53:39,040

you know just like making a light bulb

2861

01:53:43,030 --> 01:53:40,239

or making an electric car

2862

01:53:45,510 --> 01:53:43,040

you know it starts out kind of rough and

2863

01:53:48,550 --> 01:53:45,520

it gets more refined

2864

01:53:50,870 --> 01:53:48,560

yeah interesting well uh

2865

01:53:53,189 --> 01:53:50,880

thanks whoops uh we had a caller we

2866

01:53:54,629 --> 01:53:53,199

missed that's too bad uh kevin so sorry

2867

01:53:57,830 --> 01:53:54,639

kevin we missed you

2868

01:53:59,669 --> 01:53:57,840

actually uh uh bill let me know right

2869

01:54:00,870 --> 01:53:59,679

now if he's still on the line we can we

2870

01:54:04,070 --> 01:54:00,880

can pull him in

2871

01:54:06,470 --> 01:54:04,080

um if you do have the extra time

2872

01:54:07,990 --> 01:54:06,480

oh he's gone all right well that's too

2873

01:54:11,510 --> 01:54:08,000

bad sorry kevin hope you call

2874

01:54:12,390 --> 01:54:11,520

back uh next time thank you so much uh

2875

01:54:14,470 --> 01:54:12,400

for being

2876

01:54:15,910 --> 01:54:14,480

on the show this evening it was a it was

2877

01:54:17,830 --> 01:54:15,920

a very interesting talk i really

2878

01:54:19,430 --> 01:54:17,840

appreciate it

2879

01:54:20,870 --> 01:54:19,440

yeah thank you you're very kind and i

2880

01:54:21,990 --> 01:54:20,880

really appreciate you allowing me the

2881

01:54:24,310 --> 01:54:22,000

opportunity to talk

2882

01:54:25,109 --> 01:54:24,320

with you excellent all right take care

2883

01:54:28,070 --> 01:54:25,119

now

2884

01:54:29,910 --> 01:54:28,080

bye-bye all right all right everyone so

2885

01:54:33,510 --> 01:54:29,920

next week we have chris spark

2886

01:54:37,109 --> 01:54:33,520

on and uh he's i believe he's an actor

2887

01:54:40,629 --> 01:54:37,119

uh but he's also he also has a book um

2888

01:54:43,030 --> 01:54:40,639

that has to do with um i think

2889

01:54:44,229 --> 01:54:43,040

uh aliens in the human race or something

2890

01:54:48,310 --> 01:54:44,239

like that or

2891

01:54:49,589 --> 01:54:48,320

um anyway i can't really remember his

2892

01:54:50,470 --> 01:54:49,599

book right now i don't have it up here

2893

01:54:52,709 --> 01:54:50,480

in front of me

2894

01:54:54,149 --> 01:54:52,719

but it's uh but it's something that he

2895

01:54:55,830 --> 01:54:54,159

usually doesn't write about

2896

01:54:57,189 --> 01:54:55,840

uh he's an interesting guy what a

2897

01:54:58,870 --> 01:54:57,199

background this guy has

2898

01:55:01,270 --> 01:54:58,880

and he'll be a fascinating guest so you

2899

01:55:03,030 --> 01:55:01,280

can look forward to that next week

2900

01:55:05,910 --> 01:55:03,040

uh thank you bill for uh taking the

2901

01:55:07,430 --> 01:55:05,920

calls and doing a great job at kgra

2902

01:55:10,550 --> 01:55:07,440

radio as usual

2903

01:55:12,629 --> 01:55:10,560

and thank you everyone for watching

2904

01:55:25,940 --> 01:55:12,639

and remember to keep your eyes to the