

DR MASSIMO TEODORANI

8

***THE INVISIBLE
NIGHT SCHOOL***

1
00:00:10,710 --> 00:00:09,430

[Music]

2
00:01:16,000 --> 00:00:10,720

thank you

3
00:01:16,010 --> 00:01:19,190

[Music]

4
00:01:23,630 --> 00:01:21,530

good afternoon good morning good evening

5
00:01:26,210 --> 00:01:23,640

wherever you may be Across the Nation

6
00:01:27,410 --> 00:01:26,220

around the world I am Leah Prime and

7
00:01:29,149 --> 00:01:27,420

thank you so much for joining the

8
00:01:33,109 --> 00:01:29,159

invisible night school for a special

9
00:01:34,789 --> 00:01:33,119

round table with Dr Massimo teodarani

10
00:01:36,289 --> 00:01:34,799

for those of you just joining the

11
00:01:38,390 --> 00:01:36,299

invisible night school is a small

12
00:01:41,090 --> 00:01:38,400

Consortium of researchers exploring all

13
00:01:44,510 --> 00:01:41,100

variety of topics including UAP UFOs

14

00:01:45,370 --> 00:01:44,520

High strangeness in the phenomena you

15

00:01:47,450 --> 00:01:45,380

can find us at the

16

00:01:49,069 --> 00:01:47,460

invisiblenightschool.com go ahead and

17

00:01:51,109 --> 00:01:49,079

like share and subscribe to our Channel

18

00:01:53,270 --> 00:01:51,119

and join our Discord included in the

19

00:01:55,609 --> 00:01:53,280

links in the video description

20

00:01:57,590 --> 00:01:55,619

without any further delay I'd like to

21

00:02:00,170 --> 00:01:57,600

welcome my co-hosts the brilliant

22

00:02:02,389 --> 00:02:00,180

Campbell Moreira and the inimitable Luis

23

00:02:03,289 --> 00:02:02,399

caitano who's joining us in voice only

24

00:02:05,030 --> 00:02:03,299

mode

25

00:02:07,850 --> 00:02:05,040

how are both of you how are you doing

26

00:02:10,249 --> 00:02:07,860

today gentlemen very well thank you

27

00:02:11,809 --> 00:02:10,259

pretty good thank you

28

00:02:14,510 --> 00:02:11,819

and how are you

29

00:02:16,070 --> 00:02:14,520

oh I'm just uh I'm a little pinch of

30

00:02:17,630 --> 00:02:16,080

heaven I'm super excited for the

31

00:02:19,850 --> 00:02:17,640

conversation today

32

00:02:22,130 --> 00:02:19,860

um candidly I I can tell I'm getting old

33

00:02:23,690 --> 00:02:22,140

because I feel way livelier at two

34

00:02:25,970 --> 00:02:23,700

o'clock than at our normal nine o'clock

35

00:02:28,430 --> 00:02:25,980

live stream yeah all right I'm not being

36

00:02:31,190 --> 00:02:28,440

prepped up with late afternoon coffee

37

00:02:33,470 --> 00:02:31,200

and ADD medication

38

00:02:34,369 --> 00:02:33,480

um so I'm ready to roll

39

00:02:40,970 --> 00:02:34,379

um

40

00:02:44,030 --> 00:02:40,980

tiodarani's background in BIO quick

41

00:02:46,729 --> 00:02:44,040

before we welcome him onto the Stream

42

00:02:49,130 --> 00:02:46,739

so Dr Massimo teodarani is a northern

43

00:02:51,350 --> 00:02:49,140

Italian astrophysicist he obtained his

44

00:02:54,050 --> 00:02:51,360

degree in astronomy and PhD in Stellar

45

00:02:56,330 --> 00:02:54,060

physics at the University of Bologna at

46

00:02:58,809 --> 00:02:56,340

a research as a researcher at the

47

00:03:02,509 --> 00:02:58,819

astronomical observatories of

48

00:03:05,110 --> 00:03:02,519

I I studied Russian and Yiddish not

49

00:03:08,750 --> 00:03:05,120

Italian um how do I say those bologna

50

00:03:11,930 --> 00:03:08,760

bologna bologna and Naples and later at

51
00:03:13,610 --> 00:03:11,940
the inaf radio telescope of medicina he

52
00:03:15,589 --> 00:03:13,620
was involved in research on explosive

53
00:03:17,330 --> 00:03:15,599
star phenomena and more recently in the

54
00:03:19,130 --> 00:03:17,340
search for extrasolar planets and

55
00:03:20,330 --> 00:03:19,140
extraterrestrial intelligence with the

56
00:03:22,790 --> 00:03:20,340
city project

57
00:03:25,130 --> 00:03:22,800
Dr teodarani has addressed the European

58
00:03:27,050 --> 00:03:25,140
Parliament on the subject of UFOs and

59
00:03:29,750 --> 00:03:27,060
was the lead science advisor for the

60
00:03:32,809 --> 00:03:29,760
embla research project in Heston Norway

61
00:03:34,910 --> 00:03:32,819
in 2021 he became a research affiliate

62
00:03:37,070 --> 00:03:34,920
of the Galileo project and is a member

63
00:03:39,890 --> 00:03:37,080

of the scientific Coalition for UAP

64

00:03:42,229 --> 00:03:39,900

studies also known as SCU

65

00:03:43,850 --> 00:03:42,239

he's published on quantum physics Atomic

66

00:03:46,250 --> 00:03:43,860

and nuclear physics astronomy

67

00:03:48,410 --> 00:03:46,260

astrophysics bioastronomy and physics of

68

00:03:51,110 --> 00:03:48,420

anomalous atmospheric phenomena human

69

00:03:53,809 --> 00:03:51,120

consciousness and Aerospace studies so

70

00:03:55,309 --> 00:03:53,819

without any further Ado Dr Tia dorani

71

00:03:56,750 --> 00:03:55,319

I'd like to welcome you to the invisible

72

00:04:00,050 --> 00:03:56,760

night school

73

00:04:02,570 --> 00:04:00,060

thank you all for having me here

74

00:04:04,670 --> 00:04:02,580

yes we're delighted you could join us

75

00:04:07,130 --> 00:04:04,680

um it was wonderful Campbell to make the

76

00:04:09,710 --> 00:04:07,140

connection I know he particularly has

77

00:04:12,710 --> 00:04:09,720

been invested in your research and in

78

00:04:15,890 --> 00:04:12,720

your study of UAP and anomalous

79

00:04:18,229 --> 00:04:15,900

phenomena so big big props to Cambo for

80

00:04:21,530 --> 00:04:18,239

uh getting you here today

81

00:04:24,590 --> 00:04:21,540

I'm uh very excited uh to speak with you

82

00:04:26,450 --> 00:04:24,600

uh Dr theodorani um maybe we could get

83

00:04:28,790 --> 00:04:26,460

started with

84

00:04:30,650 --> 00:04:28,800

um just a little bit of your background

85

00:04:32,330 --> 00:04:30,660

uh now that you're involved with the

86

00:04:34,010 --> 00:04:32,340

Galileo project especially and it's

87

00:04:36,110 --> 00:04:34,020

picking up steam

88

00:04:39,110 --> 00:04:36,120

um maybe maybe you could talk a little

89

00:04:41,570 --> 00:04:39,120

bit about how you found yourself in uh

90

00:04:44,510 --> 00:04:41,580

Norway in 1994 at a conference

91

00:04:47,510 --> 00:04:44,520

presenting a uh you know series of

92

00:04:50,330 --> 00:04:47,520

slides that you wrote up on how to use

93

00:04:52,610 --> 00:04:50,340

an instrumental observation station to

94

00:04:55,189 --> 00:04:52,620

treat UFOs like a star in the Earth's

95

00:04:57,350 --> 00:04:55,199

atmosphere you know pretty much what uh

96

00:05:00,050 --> 00:04:57,360

Dr loves doing now yeah so how did you

97

00:05:03,409 --> 00:05:00,060

find yourself in that position yeah what

98

00:05:04,750 --> 00:05:03,419

I have to tell you that after the end of

99

00:05:06,129 --> 00:05:04,760

my PhD

100

00:05:11,469 --> 00:05:06,139

[Music]

101

00:05:14,450 --> 00:05:11,479

I was waiting for uh postal profession

102

00:05:17,870 --> 00:05:14,460

and it took some months before having

103

00:05:18,409 --> 00:05:17,880

that and that point

104

00:05:23,570 --> 00:05:18,419

um

105

00:05:27,850 --> 00:05:23,580

I felt strangely that I wanted to get

106

00:05:32,270 --> 00:05:27,860

more in depth in something that I didn't

107

00:05:35,570 --> 00:05:32,280

consider enough in my life and it was

108

00:05:41,810 --> 00:05:35,580

about a UFO phenomenon so I was hunting

109

00:05:44,870 --> 00:05:41,820

for uh books about UFOs and I collected

110

00:05:46,730 --> 00:05:44,880

something like 5 000 volumes in my

111

00:05:50,029 --> 00:05:46,740

library

112

00:05:52,670 --> 00:05:50,039

um in particular one book from a British

113

00:05:58,490 --> 00:05:52,680

researcher whose name is Jenny randos

114

00:06:01,249 --> 00:05:58,500

who has some kind of uh I would say a

115

00:06:05,330 --> 00:06:01,259

scientific preparation and very critical

116

00:06:10,310 --> 00:06:05,340

thinker I found a book that was on the

117

00:06:12,529 --> 00:06:10,320

on the desk of a free market outside I

118

00:06:16,550 --> 00:06:12,539

took the book and the book fell on the

119

00:06:19,370 --> 00:06:16,560

ground and when it fell it fell opened

120

00:06:23,930 --> 00:06:19,380

on a page in which it was rich and

121

00:06:28,550 --> 00:06:23,940

project is darling it was 1993. at that

122

00:06:32,150 --> 00:06:28,560

point I noticed that some scientists

123

00:06:34,490 --> 00:06:32,160

like a professor Ireland Strand and also

124

00:06:37,189 --> 00:06:34,500

others like Professor Annie Roth

125

00:06:38,890 --> 00:06:37,199

raffledge for instance in Piedmont

126
00:06:41,930 --> 00:06:38,900
Missouri

127
00:06:44,629 --> 00:06:41,940
tried an attempt to measure the

128
00:06:47,090 --> 00:06:44,639
phenomenon normally we know that this

129
00:06:50,450 --> 00:06:47,100
kind of ramen is based on weakness okay

130
00:06:53,830 --> 00:06:50,460
but in that case the instruments were

131
00:06:58,370 --> 00:06:53,840
used so I was very fascinated because

132
00:07:02,570 --> 00:06:58,380
very quickly having a look at all those

133
00:07:04,790 --> 00:07:02,580
UFO books I got very bored honestly

134
00:07:08,029 --> 00:07:04,800
because there were only stories okay

135
00:07:11,150 --> 00:07:08,039
some also very interesting and this

136
00:07:12,529 --> 00:07:11,160
doesn't mean that I don't give a value

137
00:07:15,650 --> 00:07:12,539
to the witness

138
00:07:19,010 --> 00:07:15,660

I think that in reality the weakness

139

00:07:20,870 --> 00:07:19,020

might be Central in this kind of

140

00:07:23,629 --> 00:07:20,880

phenomena the interaction between the

141

00:07:26,330 --> 00:07:23,639

Observer and the Observer but in that

142

00:07:29,330 --> 00:07:26,340

case I was interested in what we can do

143

00:07:32,809 --> 00:07:29,340

what kind of concrete measurements we

144

00:07:36,529 --> 00:07:32,819

can give and what an astronomer can give

145

00:07:41,170 --> 00:07:36,539

to this kind of research so I wrote to

146

00:07:45,110 --> 00:07:41,180

link Strand and uh after one year

147

00:07:48,430 --> 00:07:45,120

uh participated to congress with all my

148

00:07:52,010 --> 00:07:48,440

calculations about

149

00:07:55,689 --> 00:07:52,020

integration times in namely technically

150

00:07:58,450 --> 00:07:55,699

means exposure times to obtain Optimum

151

00:08:03,230 --> 00:07:58,460

signals to noise ratio

152

00:08:05,930 --> 00:08:03,240

data to understand what objectively that

153

00:08:10,629 --> 00:08:05,940

phenomenon might be seeing them to noise

154

00:08:14,570 --> 00:08:10,639

ratio is everything in science whatever

155

00:08:16,850 --> 00:08:14,580

speculation we can have whatever Madness

156

00:08:23,089 --> 00:08:16,860

of Marvel we can have about a phenomenon

157

00:08:26,270 --> 00:08:23,099

if we want to try to say this is real we

158

00:08:29,330 --> 00:08:26,280

have to make sure that the ratio between

159

00:08:33,589 --> 00:08:29,340

the signal and the noise is very high so

160

00:08:37,070 --> 00:08:33,599

we have to optimize the data that we are

161

00:08:40,810 --> 00:08:37,080

going to obtain this is the main goal of

162

00:08:44,810 --> 00:08:40,820

the Galileo project to obtain good data

163

00:08:49,670 --> 00:08:44,820

without a preconceived idea on what a

164

00:08:53,290 --> 00:08:49,680

phenomenon can be and to try to analyze

165

00:08:56,329 --> 00:08:53,300

that using the scientific methodology

166

00:08:58,690 --> 00:08:56,339

which is not something like a religion

167

00:09:01,610 --> 00:08:58,700

okay it's something that

168

00:09:04,730 --> 00:09:01,620

speaks about the reality in which we

169

00:09:06,550 --> 00:09:04,740

live so we have to analyze the reality

170

00:09:10,970 --> 00:09:06,560

in the most

171

00:09:13,970 --> 00:09:10,980

accurate way as we can not only for us

172

00:09:18,530 --> 00:09:13,980

as a sort of a big quick Circle of

173

00:09:21,170 --> 00:09:18,540

Science but also for people if we wanted

174

00:09:25,550 --> 00:09:21,180

to tell to people that phenomenon is

175

00:09:30,290 --> 00:09:25,560

real or is false we have to tell how we

176

00:09:34,190 --> 00:09:30,300

deduce that wanted uh quantitatively uh

177

00:09:36,190 --> 00:09:34,200

using mathematics both in measurements

178

00:09:40,070 --> 00:09:36,200

and in

179

00:09:43,550 --> 00:09:40,080

theoretical modeling okay so a couple of

180

00:09:45,410 --> 00:09:43,560

nice and I thought oh some people got

181

00:09:48,530 --> 00:09:45,420

some measurements there

182

00:09:51,829 --> 00:09:48,540

so I want to see what I can do what can

183

00:09:56,870 --> 00:09:51,839

do contribution I could give to to this

184

00:10:01,430 --> 00:09:56,880

group and and then the thing started in

185

00:10:05,509 --> 00:10:01,440

1994 and it's going on right now and

186

00:10:09,850 --> 00:10:05,519

even if uh alternate situations okay

187

00:10:13,790 --> 00:10:09,860

people attacking sometimes uh but mostly

188

00:10:16,630 --> 00:10:13,800

going ahead and now there is this

189

00:10:19,670 --> 00:10:16,640

Galileo project which I can affiliate

190

00:10:22,130 --> 00:10:19,680

researcher and which I'm trying to give

191

00:10:24,370 --> 00:10:22,140

my contribution I have to say there are

192

00:10:27,530 --> 00:10:24,380

many uh

193

00:10:30,889 --> 00:10:27,540

physicist astronomers computer

194

00:10:34,370 --> 00:10:30,899

scientists engineers who are doing a lot

195

00:10:39,230 --> 00:10:34,380

of good work above all we have to thank

196

00:10:43,070 --> 00:10:39,240

Engineers who are now allowing us to

197

00:10:48,889 --> 00:10:43,080

obtain good data so next years we'll

198

00:10:53,449 --> 00:10:48,899

tell them how it will go and and so it

199

00:10:53,459 --> 00:10:56,810

wonderful

200

00:11:02,690 --> 00:10:59,210

um and can you so one of the things we

201
00:11:05,030 --> 00:11:02,700
talk about a lot on our show is the

202
00:11:08,750 --> 00:11:05,040
scientific method and

203
00:11:11,389 --> 00:11:08,760
um both in its current form and in ways

204
00:11:14,990 --> 00:11:11,399
it may either fall short or can be uh

205
00:11:18,650 --> 00:11:15,000
explored or re-evaluated to study uh UAP

206
00:11:20,569 --> 00:11:18,660
ufology and anomalous phenomena

207
00:11:22,490 --> 00:11:20,579
um how do you consider the relationship

208
00:11:27,670 --> 00:11:22,500
between research and the scientific

209
00:11:35,110 --> 00:11:29,990
well um

210
00:11:37,509 --> 00:11:35,120
as it was a written also by

211
00:11:43,550 --> 00:11:37,519
philosophy of science

212
00:11:46,550 --> 00:11:43,560
anomalies are those alarm bells that

213
00:11:50,870 --> 00:11:46,560

tells us several things that something

214

00:11:56,210 --> 00:11:50,880

is not working in our current model

215

00:11:57,829 --> 00:11:56,220

and at the same time that we probably we

216

00:12:01,370 --> 00:11:57,839

um

217

00:12:04,150 --> 00:12:01,380

we have anomalies because in our current

218

00:12:06,530 --> 00:12:04,160

model we

219

00:12:09,170 --> 00:12:06,540

disregarded some things that we

220

00:12:12,290 --> 00:12:09,180

considered not reliable and not

221

00:12:16,130 --> 00:12:12,300

important or something there are some

222

00:12:19,490 --> 00:12:16,140

things that are behind the corner that

223

00:12:23,329 --> 00:12:19,500

we disregarded too much because they

224

00:12:25,910 --> 00:12:23,339

were not fitting the the standard model

225

00:12:29,389 --> 00:12:25,920

for instance like the standard model the

226

00:12:34,670 --> 00:12:29,399

physics in elementary particles so

227

00:12:37,130 --> 00:12:34,680

anomalies are on an alarm clock to us to

228

00:12:37,870 --> 00:12:37,140

tell us please

229

00:12:41,329 --> 00:12:37,880

um

230

00:12:44,290 --> 00:12:41,339

do some corrections look better at

231

00:12:48,290 --> 00:12:44,300

reality don't disregard everything

232

00:12:51,650 --> 00:12:48,300

because something is missing okay so

233

00:12:55,750 --> 00:12:51,660

it's our duty also ethical duty to

234

00:12:59,990 --> 00:12:55,760

consider these things and using the

235

00:13:03,290 --> 00:13:00,000

standard method of uh investigation so

236

00:13:06,190 --> 00:13:03,300

this method is based on measurements

237

00:13:09,230 --> 00:13:06,200

because we cannot have theories before

238

00:13:11,990 --> 00:13:09,240

measurements we can have theories only

239

00:13:16,370 --> 00:13:12,000

after we have measurements with good

240

00:13:19,670 --> 00:13:16,380

data namely with a very high signals to

241

00:13:23,150 --> 00:13:19,680

noise ratio from the data and only from

242

00:13:26,930 --> 00:13:23,160

the data we can deduce the theory and

243

00:13:30,170 --> 00:13:26,940

not this aversion so but we can do that

244

00:13:33,889 --> 00:13:30,180

also on anomalies if we disregard

245

00:13:37,310 --> 00:13:33,899

anomalies we are dishonest we are

246

00:13:39,350 --> 00:13:37,320

dishonest against science and we are

247

00:13:41,750 --> 00:13:39,360

dishonest against ourselves because

248

00:13:45,230 --> 00:13:41,760

science is not religion it's not

249

00:13:50,569 --> 00:13:45,240

politics but it's only an um how to say

250

00:13:53,329 --> 00:13:50,579

uh Endeavor to uh increase our knowledge

251
00:13:55,930 --> 00:13:53,339
I would prefer to say understanding than

252
00:13:58,269 --> 00:13:55,940
knowledge because

253
00:14:01,670 --> 00:13:58,279
the

254
00:14:03,710 --> 00:14:01,680
knowledge it doesn't mean that we

255
00:14:06,710 --> 00:14:03,720
understood what what is important to

256
00:14:09,170 --> 00:14:06,720
understand what's going on so we have to

257
00:14:11,230 --> 00:14:09,180
be to have the cool range okay it's like

258
00:14:16,389 --> 00:14:11,240
a railway

259
00:14:19,930 --> 00:14:16,399
that across the how to say the Siberian

260
00:14:25,790 --> 00:14:19,940
Forest not far so mean but

261
00:14:29,810 --> 00:14:25,800
those infinite loans there and we go on

262
00:14:33,410 --> 00:14:29,820
the right wheel but we don't stop the

263
00:14:35,870 --> 00:14:33,420

train and go out and see what's there we

264

00:14:38,990 --> 00:14:35,880

on the railway we think everything is

265

00:14:42,430 --> 00:14:39,000

linear but there are things that are not

266

00:14:48,290 --> 00:14:42,440

linear so we have to have the courage to

267

00:14:51,550 --> 00:14:48,300

face what goes out from our science that

268

00:14:55,009 --> 00:14:51,560

is perf it's very well set

269

00:14:58,670 --> 00:14:55,019

methodologically and we know a lot but

270

00:15:05,930 --> 00:15:03,230

and um just for uh yeah for our um

271

00:15:08,569 --> 00:15:05,940

viewers uh many are interested in the

272

00:15:12,050 --> 00:15:08,579

UFO subject and uh the Consciousness

273

00:15:15,170 --> 00:15:12,060

subject and so um your experience is

274

00:15:17,150 --> 00:15:15,180

very uh directly relevant to that in

275

00:15:20,030 --> 00:15:17,160

those two interests uh coming together

276

00:15:23,150 --> 00:15:20,040

on this uh sub subject

277

00:15:25,129 --> 00:15:23,160

um when you uh first heard about

278

00:15:26,870 --> 00:15:25,139

hezdalen and then you spoke to assistant

279

00:15:29,870 --> 00:15:26,880

professor erling strand

280

00:15:32,629 --> 00:15:29,880

um you then uh got involved with his

281

00:15:36,889 --> 00:15:32,639

project to put in a sensor station in

282

00:15:39,110 --> 00:15:36,899

hezdala Norway that began in 1998 and I

283

00:15:41,870 --> 00:15:39,120

think it's interesting because this is

284

00:15:46,069 --> 00:15:41,880

the kind of thing where observations and

285

00:15:47,210 --> 00:15:46,079

interpretations can really deviate uh

286

00:15:49,370 --> 00:15:47,220

from

287

00:15:52,370 --> 00:15:49,380

um you know this the same philosophical

288

00:15:53,990 --> 00:15:52,380

uh model so for example like you in your

289

00:15:57,170 --> 00:15:54,000

field studies due to three field studies

290

00:15:59,810 --> 00:15:57,180

like 2000 2001 2002 I believe or is it

291

00:16:01,670 --> 00:15:59,820

uh around there and then you had your

292

00:16:04,490 --> 00:16:01,680

public paper published in the Journal of

293

00:16:06,590 --> 00:16:04,500

scientific exploration in 2004. uh you

294

00:16:08,990 --> 00:16:06,600

described a bunch of observations of

295

00:16:12,290 --> 00:16:09,000

very interesting phenomena and you were

296

00:16:15,110 --> 00:16:12,300

not at all firm in saying this is what I

297

00:16:16,670 --> 00:16:15,120

saw uh in terms of interpretation the

298

00:16:19,490 --> 00:16:16,680

observations were clear your

299

00:16:21,949 --> 00:16:19,500

interpretation was left open and still

300

00:16:24,889 --> 00:16:21,959

your results the observations themselves

301
00:16:27,230 --> 00:16:24,899
they were not accepted I would argue I

302
00:16:30,110 --> 00:16:27,240
would say in the mainstream physics

303
00:16:31,970 --> 00:16:30,120
community and so or at least were

304
00:16:33,650 --> 00:16:31,980
resisted heavily because they strayed

305
00:16:37,069 --> 00:16:33,660
from the standard of what you would

306
00:16:39,710 --> 00:16:37,079
expect to see in Earth's atmosphere and

307
00:16:42,170 --> 00:16:39,720
so in your own lived experience having

308
00:16:45,290 --> 00:16:42,180
dedicated yourself really to the subject

309
00:16:47,870 --> 00:16:45,300
uh in practice your whole life would you

310
00:16:50,269 --> 00:16:47,880
be able to speak a little bit about that

311
00:16:52,069 --> 00:16:50,279
uh trying to be in that middle point

312
00:16:55,009 --> 00:16:52,079
where you are presenting the

313
00:16:57,650 --> 00:16:55,019

observations uh while still inspiring

314

00:17:00,129 --> 00:16:57,660

people to be intrigued and uh fascinated

315

00:17:02,689 --> 00:17:00,139

by what you're describing

316

00:17:04,789 --> 00:17:02,699

well um

317

00:17:08,110 --> 00:17:04,799

first my duty

318

00:17:12,770 --> 00:17:08,120

um first of all we didn't have enough

319

00:17:15,590 --> 00:17:12,780

money funding to get a really good data

320

00:17:18,409 --> 00:17:15,600

some of the network would some were not

321

00:17:21,110 --> 00:17:18,419

good compared to what we can have with

322

00:17:23,829 --> 00:17:21,120

the project Galileo for instance there

323

00:17:29,510 --> 00:17:23,839

were some data that were

324

00:17:33,049 --> 00:17:29,520

difficult to explain and uh like for

325

00:17:35,470 --> 00:17:33,059

instance the interpretation of what

326

00:17:40,430 --> 00:17:35,480

happened to my Norwegian colleagues in

327

00:17:44,090 --> 00:17:40,440

1984 when they aimed a laser beam

328

00:17:47,820 --> 00:17:44,100

against one of those pulsing lights and

329

00:17:49,090 --> 00:17:47,830

these lights seemingly were answering

330

00:17:54,730 --> 00:17:49,100

[Music]

331

00:18:01,669 --> 00:17:58,250

uh I cannot interpret that a bit Larry

332

00:18:06,070 --> 00:18:01,679

all of this if I were

333

00:18:10,430 --> 00:18:06,080

um I don't know a visual thinker or of

334

00:18:12,230 --> 00:18:10,440

offology and I am I don't want to judge

335

00:18:15,169 --> 00:18:12,240

I mean because there are some apologies

336

00:18:16,430 --> 00:18:15,179

that are excellent okay I know I would

337

00:18:20,950 --> 00:18:16,440

say okay

338

00:18:26,750 --> 00:18:20,960

this is an answer to our uh

339

00:18:30,049 --> 00:18:26,760

laser stimulation but we don't know if

340

00:18:33,350 --> 00:18:30,059

there are some uh Photon Photon

341

00:18:35,330 --> 00:18:33,360

interactions between laser and plasmas

342

00:18:38,650 --> 00:18:35,340

for instance there are things that we

343

00:18:43,570 --> 00:18:38,660

have to investigate

344

00:18:47,590 --> 00:18:43,580

still deeply so I cannot give

345

00:18:51,350 --> 00:18:47,600

interpretations I cannot offer some

346

00:18:54,490 --> 00:18:51,360

possibilities that are still open why

347

00:18:57,230 --> 00:18:54,500

because the data are not sufficiently

348

00:19:01,490 --> 00:18:57,240

a big number

349

00:19:04,610 --> 00:19:01,500

and not sufficiently high in quality so

350

00:19:06,950 --> 00:19:04,620

I cannot give a definite interpretation

351

00:19:10,970 --> 00:19:06,960

I would be really

352

00:19:15,350 --> 00:19:10,980

very dishonest if I if I do that and we

353

00:19:18,890 --> 00:19:15,360

would be dishonest science it's not a

354

00:19:23,510 --> 00:19:18,900

real that uh mainstream science didn't

355

00:19:25,370 --> 00:19:23,520

accept our words in reality there are

356

00:19:28,669 --> 00:19:25,380

many scientists that are really very

357

00:19:31,190 --> 00:19:28,679

interested in style and like things but

358

00:19:35,870 --> 00:19:31,200

first of all I see that some of these

359

00:19:40,549 --> 00:19:35,880

scientists wanted to maybe in good faith

360

00:19:43,070 --> 00:19:40,559

try to take what it's useful to them to

361

00:19:46,130 --> 00:19:43,080

prove their own preconceived theories

362

00:19:49,909 --> 00:19:46,140

this is not scientific and this is not

363

00:19:52,850 --> 00:19:49,919

honest and so some do that the evening

364

00:19:56,570 --> 00:19:52,860

would face okay even my date I've been

365

00:20:00,230 --> 00:19:56,580

used in that way in good faith I'm sure

366

00:20:02,570 --> 00:20:00,240

it was in good faith we are not yet in a

367

00:20:05,390 --> 00:20:02,580

condition to say what the phenomenon is

368

00:20:10,010 --> 00:20:05,400

but we are in a condition to say how the

369

00:20:14,450 --> 00:20:10,020

phenomenon behave behaves okay and we

370

00:20:18,409 --> 00:20:14,460

have a good idea about that and but we

371

00:20:21,289 --> 00:20:18,419

can also say I I am fascinated by the

372

00:20:24,430 --> 00:20:21,299

idea of uh other

373

00:20:27,950 --> 00:20:24,440

possible intelligences from somewhere

374

00:20:31,130 --> 00:20:27,960

but I can also say that some

375

00:20:34,549 --> 00:20:31,140

manifestations can be explained by

376

00:20:35,830 --> 00:20:34,559

Nature phenomenal for instance in in

377

00:20:41,270 --> 00:20:35,840

Brazil

378

00:20:44,930 --> 00:20:41,280

in the late 70s and 80s there was a very

379

00:20:49,070 --> 00:20:44,940

strange and weird phenomenon of

380

00:20:50,350 --> 00:20:49,080

so-called UFOs that were emitting beams

381

00:20:54,289 --> 00:20:50,360

of light

382

00:21:00,289 --> 00:20:54,299

hitting people or some of whom were

383

00:21:02,690 --> 00:21:00,299

killed or severely wounded well everyone

384

00:21:05,210 --> 00:21:02,700

thought and told that wow these are

385

00:21:08,090 --> 00:21:05,220

flying sources that are emitting a death

386

00:21:10,270 --> 00:21:08,100

ray against people and they like to

387

00:21:14,890 --> 00:21:10,280

shoot against people with the death rate

388

00:21:18,909 --> 00:21:14,900

in reality analyzing the the the the

389

00:21:21,169 --> 00:21:18,919

situation of a plasma

390

00:21:24,890 --> 00:21:21,179

atmospheric plasma that is rotate

391

00:21:28,789 --> 00:21:24,900

anything very fast I mean something like

392

00:21:31,850 --> 00:21:28,799

a 100 kilometers per second and which is

393

00:21:35,210 --> 00:21:31,860

flattened and which has a very strong

394

00:21:38,570 --> 00:21:35,220

magnetic field would have two openings

395

00:21:42,529 --> 00:21:38,580

on the poles on North Pole and the South

396

00:21:46,149 --> 00:21:42,539

Pole of this flattened plasma which

397

00:21:49,850 --> 00:21:46,159

could emit beams of energy

398

00:21:52,130 --> 00:21:49,860

randomly according to the turbulence of

399

00:21:56,390 --> 00:21:52,140

the atmosphere so it could be a natural

400

00:21:59,990 --> 00:21:56,400

flow okay so we must be prepared to the

401
00:22:01,970 --> 00:22:00,000
possibility that something of nature we

402
00:22:06,770 --> 00:22:01,980
we don't understand everything about

403
00:22:12,110 --> 00:22:06,780
nature about situation in nature and we

404
00:22:14,390 --> 00:22:12,120
have to be prepared to take into account

405
00:22:17,870 --> 00:22:14,400
um every possibility even in the most

406
00:22:20,810 --> 00:22:17,880
disappointing one that could be a

407
00:22:23,330 --> 00:22:20,820
natural phenomenon but something else

408
00:22:26,210 --> 00:22:23,340
could not mean that I'm not in a

409
00:22:29,289 --> 00:22:26,220
condition to tell what it is I'm not in

410
00:22:33,590 --> 00:22:29,299
a situation that I I have to

411
00:22:35,210 --> 00:22:33,600
give an interpretation because if I

412
00:22:36,010 --> 00:22:35,220
compare this

413
00:22:40,010 --> 00:22:36,020

um

414

00:22:43,730 --> 00:22:40,020

I want to say observations using means

415

00:22:48,289 --> 00:22:43,740

and with the observations that we make

416

00:22:51,770 --> 00:22:48,299

in astrophysics or in physics I can say

417

00:22:55,789 --> 00:22:51,780

no we have to reach a much higher level

418

00:22:58,909 --> 00:22:55,799

okay before telling this is it or this

419

00:23:01,250 --> 00:22:58,919

is not it so it takes a long time to

420

00:23:06,049 --> 00:23:01,260

make something very well done and with

421

00:23:09,230 --> 00:23:06,059

the Galileo project we thanks to uh

422

00:23:11,029 --> 00:23:09,240

the intelligence and the Enterprise of

423

00:23:14,570 --> 00:23:11,039

Professor evil Lloyd

424

00:23:17,450 --> 00:23:14,580

but also thanks to the

425

00:23:20,210 --> 00:23:17,460

good quantity of money we can have

426
00:23:22,610 --> 00:23:20,220
better instruments okay so thanks to

427
00:23:25,909 --> 00:23:22,620
better instruments and competencies that

428
00:23:30,409 --> 00:23:25,919
can be collected together we might might

429
00:23:32,470 --> 00:23:30,419
understand a bit more so well this is my

430
00:23:35,149 --> 00:23:32,480
thing

431
00:23:37,610 --> 00:23:35,159
can you give us a can you give us an

432
00:23:38,930 --> 00:23:37,620
idea of like the energies involved

433
00:23:39,490 --> 00:23:38,940
yes

434
00:23:42,890 --> 00:23:39,500
yeah

435
00:23:48,110 --> 00:23:42,900
oh well there are several

436
00:23:52,130 --> 00:23:48,120
um well we measured because we had the

437
00:23:53,570 --> 00:23:52,140
um several ways to evaluate the distance

438
00:23:56,390 --> 00:23:53,580

[Music]

439

00:23:59,630 --> 00:23:56,400

um phenomenon which was about for well

440

00:24:02,750 --> 00:23:59,640

remember nine kilometers and then you

441

00:24:05,950 --> 00:24:02,760

measure the apparent Luminosity you've

442

00:24:09,110 --> 00:24:05,960

calculate the fact that the

443

00:24:11,750 --> 00:24:09,120

electromagnetic waves decrease with the

444

00:24:15,770 --> 00:24:11,760

inverse of the square of the distance

445

00:24:18,350 --> 00:24:15,780

then you make a lot of calculations and

446

00:24:22,730 --> 00:24:18,360

the energy was something like 20

447

00:24:25,789 --> 00:24:22,740

kilowatt so but only at that time at

448

00:24:29,750 --> 00:24:25,799

that moment that circumstance in which

449

00:24:32,029 --> 00:24:29,760

we were sufficiently lucky to have a

450

00:24:34,430 --> 00:24:32,039

measurement of distance and the

451
00:24:38,270 --> 00:24:34,440
measurement of the apparent Luminosity

452
00:24:39,830 --> 00:24:38,280
it was obtained it was with 20 kilowatts

453
00:24:44,450 --> 00:24:39,840
but

454
00:24:45,310 --> 00:24:44,460
um other scientists even if not

455
00:24:48,529 --> 00:24:45,320
um

456
00:24:53,270 --> 00:24:48,539
deducing their calculations on

457
00:24:55,250 --> 00:24:53,280
measurements but only on Witnesses and I

458
00:24:59,270 --> 00:24:55,260
mean

459
00:25:00,669 --> 00:24:59,280
physicist like Jacques Valley Bruce

460
00:25:06,010 --> 00:25:00,679
Maccabee

461
00:25:09,590 --> 00:25:06,020
Professor early Rutledge they deduced an

462
00:25:14,149 --> 00:25:09,600
energies that were at least a fact a

463
00:25:18,049 --> 00:25:14,159

factor 10 or even five I don't know even

464

00:25:20,630 --> 00:25:18,059

in 50 or 100 more than what we measure

465

00:25:22,669 --> 00:25:20,640

in a dollar consider that in this

466

00:25:26,029 --> 00:25:22,679

darling we have not a standard the

467

00:25:28,490 --> 00:25:26,039

phenomenon but we have a series of

468

00:25:32,750 --> 00:25:28,500

different phenomena the first strange

469

00:25:35,630 --> 00:25:32,760

reason they coexist there I measure 20

470

00:25:40,029 --> 00:25:35,640

kilowatt others measured some not

471

00:25:44,710 --> 00:25:40,039

deduced they you can calculate from

472

00:25:49,549 --> 00:25:44,720

weakness evaluation something like 500

473

00:25:51,049 --> 00:25:49,559

megabytes so it's a big luminosity

474

00:25:52,730 --> 00:25:51,059

right

475

00:25:54,890 --> 00:25:52,740

wonderful

476
00:25:58,310 --> 00:25:54,900
um so we have a question from one of our

477
00:26:00,769 --> 00:25:58,320
audience members from David holtz mur Dr

478
00:26:02,810 --> 00:26:00,779
theodorani indicated his data speaks to

479
00:26:04,549 --> 00:26:02,820
how the phenomena behave I'm curious

480
00:26:07,730 --> 00:26:04,559
what was the most surprising or

481
00:26:11,029 --> 00:26:07,740
unexpected Behavior observed so far

482
00:26:15,049 --> 00:26:11,039
yeah it was something that had to do

483
00:26:16,870 --> 00:26:15,059
with the phenomenon of variability which

484
00:26:19,970 --> 00:26:16,880
didn't

485
00:26:22,430 --> 00:26:19,980
regard the only as darling but also

486
00:26:23,230 --> 00:26:22,440
similar phenomenal elsewhere in the

487
00:26:26,390 --> 00:26:23,240
world

488
00:26:28,510 --> 00:26:26,400

and the point was that the phenomenes

489

00:26:33,590 --> 00:26:28,520

who saying

490

00:26:36,710 --> 00:26:33,600

in a regular or semi-regular way at the

491

00:26:39,130 --> 00:26:36,720

region of the pulsation was not due to

492

00:26:41,950 --> 00:26:39,140

the fact that phenomenon was inflating

493

00:26:45,250 --> 00:26:41,960

so increasing its uh

494

00:26:48,830 --> 00:26:45,260

radiating surface but it was because

495

00:26:50,230 --> 00:26:48,840

there were many light balls and all of a

496

00:26:55,130 --> 00:26:50,240

sudden where

497

00:26:59,029 --> 00:26:55,140

being born around a common nucleus so

498

00:27:02,450 --> 00:26:59,039

something like a clustering effect that

499

00:27:05,149 --> 00:27:02,460

was increasing the emitting surface you

500

00:27:08,690 --> 00:27:05,159

can see that if being a thermal

501
00:27:11,890 --> 00:27:08,700
phenomenon the aluminum technology

502
00:27:15,549 --> 00:27:11,900
the increase in Luminosity

503
00:27:19,970 --> 00:27:15,559
increases with the square of the radius

504
00:27:22,789 --> 00:27:19,980
and with the fourth power of temperature

505
00:27:26,930 --> 00:27:22,799
it seemed that that time the temperature

506
00:27:29,090 --> 00:27:26,940
was constant but the only thing didn't

507
00:27:32,210 --> 00:27:29,100
change but the only thing that was

508
00:27:34,370 --> 00:27:32,220
changing was the radius but not because

509
00:27:37,730 --> 00:27:34,380
it was inflated not only because there

510
00:27:40,730 --> 00:27:37,740
was all of a sudden this cluster of

511
00:27:43,850 --> 00:27:40,740
light balls that were forming around

512
00:27:46,549 --> 00:27:43,860
each other it could be a kind of natural

513
00:27:47,810 --> 00:27:46,559

phenomenon it could be something else we

514

00:27:51,649 --> 00:27:47,820

don't know yet

515

00:27:55,250 --> 00:27:51,659

and Dr theodorani um just to follow up

516

00:27:58,430 --> 00:27:55,260

on that it um I know that you mentioned

517

00:28:00,350 --> 00:27:58,440

uh Dr uh cytovich from the National

518

00:28:03,649 --> 00:28:00,360

Academy of Sciences in Russia his work

519

00:28:06,110 --> 00:28:03,659

related to the self-organization of uh

520

00:28:09,470 --> 00:28:06,120

platin plasmas and

521

00:28:12,310 --> 00:28:09,480

um his uh lab work especially at the

522

00:28:15,830 --> 00:28:12,320

Plasma Research lab in St Petersburg

523

00:28:17,510 --> 00:28:15,840

he's observed in his uh published papers

524

00:28:19,789 --> 00:28:17,520

he describes observing features in

525

00:28:22,370 --> 00:28:19,799

plasma that are consistent with the

526

00:28:25,850 --> 00:28:22,380

modern scientific definition of a living

527

00:28:27,470 --> 00:28:25,860

thing and so then the definition is it

528

00:28:28,850 --> 00:28:27,480

sort of argued then like well maybe we

529

00:28:30,470 --> 00:28:28,860

should change the definition of life

530

00:28:33,230 --> 00:28:30,480

rather than saying that a plasma is

531

00:28:36,049 --> 00:28:33,240

alive or maybe the vice versa

532

00:28:37,970 --> 00:28:36,059

um because this uh could which build it

533

00:28:40,250 --> 00:28:37,980

this is a good way to maybe transition

534

00:28:42,769 --> 00:28:40,260

into the discussion on how Consciousness

535

00:28:43,850 --> 00:28:42,779

could relate to this subject

536

00:28:46,610 --> 00:28:43,860

um would you be able to talk a little

537

00:28:48,830 --> 00:28:46,620

bit about your perception of sort of

538

00:28:51,350 --> 00:28:48,840

this self-organizing behavior in the

539

00:28:52,909 --> 00:28:51,360

plasmas and maybe your uh attempts to

540

00:28:55,130 --> 00:28:52,919

interpret it at the time because I know

541

00:28:57,409 --> 00:28:55,140

that you talked you had a

542

00:29:00,529 --> 00:28:57,419

um Gloria Nobile there with you and I

543

00:29:02,570 --> 00:29:00,539

believe she has a masters in a bio uh

544

00:29:05,930 --> 00:29:02,580

some sort of biology or something right

545

00:29:07,970 --> 00:29:05,940

biophysics yes and then Dr Marsha Adams

546

00:29:10,430 --> 00:29:07,980

also uh and she's a biologist I believe

547

00:29:12,470 --> 00:29:10,440

so so can you talk a bit about what what

548

00:29:15,049 --> 00:29:12,480

led you to sort of bring biologists uh

549

00:29:16,810 --> 00:29:15,059

Pro experts in biology to the site

550

00:29:21,350 --> 00:29:16,820

where I speak

551

00:29:24,529 --> 00:29:21,360

I I speak for myself clearly uh I didn't

552

00:29:30,169 --> 00:29:24,539

discuss with my two colleagues these two

553

00:29:32,049 --> 00:29:30,179

women about this aspect so I because we

554

00:29:36,730 --> 00:29:32,059

didn't collaborate anymore

555

00:29:39,409 --> 00:29:36,740

every one of us went to do her own path

556

00:29:42,289 --> 00:29:39,419

uh I speak

557

00:29:45,769 --> 00:29:42,299

for myself what I think I write the

558

00:29:48,889 --> 00:29:45,779

paper by Tito which at all

559

00:29:51,769 --> 00:29:48,899

um more field friends or from Germany

560

00:29:55,430 --> 00:29:51,779

for instance and which was published in

561

00:29:58,730 --> 00:29:55,440

2007 on the new Journal of physics they

562

00:30:02,360 --> 00:29:58,740

did the simulations on a computer and

563

00:30:03,850 --> 00:30:02,370

they noticed that if you make

564

00:30:07,810 --> 00:30:03,860

[Music]

565

00:30:10,909 --> 00:30:07,820

interact plasma with dust particles

566

00:30:13,029 --> 00:30:10,919

there is a phenomenon of spiraling of

567

00:30:15,430 --> 00:30:13,039

plasmas around

568

00:30:21,830 --> 00:30:15,440

some nuclei

569

00:30:24,730 --> 00:30:21,840

simulating very much the DNA okay not

570

00:30:28,730 --> 00:30:24,740

only the spiral

571

00:30:31,789 --> 00:30:28,740

pattern but also the capability to

572

00:30:35,090 --> 00:30:31,799

multiply itself like if it were a form

573

00:30:39,350 --> 00:30:35,100

of life but this is plasma this is not

574

00:30:42,289 --> 00:30:39,360

carbon life okay I I've been this is

575

00:30:45,350 --> 00:30:42,299

part of my speculation which had nothing

576

00:30:48,350 --> 00:30:45,360

to do with my present work but I like to

577

00:30:52,510 --> 00:30:48,360

do that because I think it's a

578

00:30:56,090 --> 00:30:52,520

stimulating I noticed that David Baum

579

00:31:00,169 --> 00:30:56,100

Quantum physicists who studied as much

580

00:31:03,010 --> 00:31:00,179

I noticed that this plasma had a

581

00:31:06,049 --> 00:31:03,020

Cooperative Behavior they were Behavior

582

00:31:09,289 --> 00:31:06,059

made in like a commonly

583

00:31:12,730 --> 00:31:09,299

only one being all the particles were

584

00:31:19,130 --> 00:31:12,740

lucky it was only one being

585

00:31:21,769 --> 00:31:19,140

I.E unite this aspect with the sum of

586

00:31:23,450 --> 00:31:21,779

um plasmas which are called plasmas

587

00:31:25,970 --> 00:31:23,460

which are

588

00:31:29,330 --> 00:31:25,980

behaving like if they were where the

589

00:31:32,930 --> 00:31:29,340

particles are entangled together like in

590

00:31:37,970 --> 00:31:32,940

quantum mechanics I United this with the

591

00:31:46,990 --> 00:31:42,529

um about this strange DNA like plasma

592

00:31:50,769 --> 00:31:47,000

with the theory of Consciousness by

593

00:31:55,610 --> 00:31:50,779

Professor Roger Penrose another price

594

00:31:58,730 --> 00:31:55,620

physics and Stuart hammeroff about the

595

00:32:02,289 --> 00:31:58,740

theory of Consciousness where they say

596

00:32:04,690 --> 00:32:02,299

that the Consciousness moment can arise

597

00:32:07,690 --> 00:32:04,700

when

598

00:32:11,690 --> 00:32:07,700

they

599

00:32:15,010 --> 00:32:11,700

microtubules in the brain are all related

600

00:32:18,370 --> 00:32:15,020

together in only one entity

601
00:32:22,909 --> 00:32:18,380

which is really

602
00:32:24,950 --> 00:32:22,919

described by a wave function of quantum

603
00:32:27,230 --> 00:32:24,960

mechanics when this wave function

604
00:32:31,490 --> 00:32:27,240

collapse we have a Consciousness moment

605
00:32:35,029 --> 00:32:31,500

at some point I told myself but what

606
00:32:39,010 --> 00:32:35,039

happens if instead of microtubules in

607
00:32:41,990 --> 00:32:39,020

the brain we have the plasma particles

608
00:32:43,490 --> 00:32:42,000

does Consciousness

609
00:32:46,789 --> 00:32:43,500

um

610
00:32:50,090 --> 00:32:46,799

is consciousness coming on or something

611
00:32:52,970 --> 00:32:50,100

like that what happens when we stimulate

612
00:32:56,149 --> 00:32:52,980

them in this plasmas with a laser beam

613
00:32:58,909 --> 00:32:56,159

do we trigger some kind of Consciousness

614

00:33:01,990 --> 00:32:58,919

we I think we are very ignorant about

615

00:33:05,750 --> 00:33:02,000

the process of life we don't know enough

616

00:33:08,570 --> 00:33:05,760

so I like to launch this thing that is

617

00:33:12,769 --> 00:33:08,580

very provocative in fact my colleagues

618

00:33:15,830 --> 00:33:12,779

of City told me I propose this kind of

619

00:33:21,669 --> 00:33:15,840

abstract for Congress and they told them

620

00:33:28,810 --> 00:33:25,130

to the to the Congress I already

621

00:33:31,669 --> 00:33:28,820

published on peer reviewer journals

622

00:33:34,490 --> 00:33:31,679

astronomic at some point it was there is

623

00:33:37,490 --> 00:33:34,500

this possibility why don't we test it

624

00:33:40,250 --> 00:33:37,500

because there is a way to test it using

625

00:33:42,950 --> 00:33:40,260

high-speed photometer for instance and

626
00:33:45,649 --> 00:33:42,960
see what happens if there is a coded

627
00:33:48,049 --> 00:33:45,659
messaging if there is something that let

628
00:33:50,149 --> 00:33:48,059
us think about intelligence it could be

629
00:33:53,690 --> 00:33:50,159
form of life that live only three

630
00:33:56,509 --> 00:33:53,700
minutes or four minutes but what is Life

631
00:34:01,669 --> 00:33:56,519
okay there could be life that is coming

632
00:34:05,230 --> 00:34:01,679
from uh from uh not from carbon and not

633
00:34:09,109 --> 00:34:05,240
from Silicon but from plasmas so

634
00:34:10,190 --> 00:34:09,119
I like to launch the ball beyond the

635
00:34:13,609 --> 00:34:10,200
river

636
00:34:17,990 --> 00:34:13,619
and I like to provoke and don't care if

637
00:34:21,530 --> 00:34:18,000
they shoot at me and I think that we

638
00:34:25,250 --> 00:34:21,540

might I don't know I I know what we

639

00:34:28,790 --> 00:34:25,260

should measure to try to test this need

640

00:34:30,129 --> 00:34:28,800

to not a theory yet it's a speculation a

641

00:34:34,730 --> 00:34:30,139

mere speculation

642

00:34:36,909 --> 00:34:34,740

so yes this was my thinking

643

00:34:39,109 --> 00:34:36,919

what what are some of the um other

644

00:34:40,669 --> 00:34:39,119

geographical regions in the world that

645

00:34:42,770 --> 00:34:40,679

you would um

646

00:34:44,869 --> 00:34:42,780

do you think a promising candidates for

647

00:34:46,849 --> 00:34:44,879

has Darlin type phenomena

648

00:34:49,490 --> 00:34:46,859

yeah well

649

00:34:51,349 --> 00:34:49,500

um I've been looking around

650

00:34:56,210 --> 00:34:51,359

and uh

651
00:35:00,370 --> 00:34:56,220
up to uh I would say 10 years ago five

652
00:35:05,390 --> 00:35:00,380
years ago probably I found at least 50

653
00:35:07,990 --> 00:35:05,400
50 other regions in the world where uh

654
00:35:14,150 --> 00:35:08,000
restaurant

655
00:35:17,210 --> 00:35:14,160
occur and very often and um but I cannot

656
00:35:20,150 --> 00:35:17,220
say that they are the the same kind of

657
00:35:22,810 --> 00:35:20,160
phenomena I can only say that there are

658
00:35:27,310 --> 00:35:22,820
a light phenomenon that occur more often

659
00:35:31,069 --> 00:35:27,320
and in the United States uh there are

660
00:35:33,829 --> 00:35:31,079
many locations like the brown Mountain

661
00:35:35,890 --> 00:35:33,839
for instance the Yakima Indian

662
00:35:39,530 --> 00:35:35,900
Reservation

663
00:35:41,750 --> 00:35:39,540

Martha in Texas and there is a job

664

00:35:45,069 --> 00:35:41,760

cleaner somewhere I don't remember which

665

00:35:48,109 --> 00:35:45,079

state there are many locations we meet

666

00:35:51,290 --> 00:35:48,119

these things are happening and also the

667

00:35:56,710 --> 00:35:51,300

Catalina Island for instance due to the

668

00:36:01,390 --> 00:35:56,720

very support dictate incident that was

669

00:36:04,849 --> 00:36:01,400

witnessed by the American Navi that

670

00:36:08,089 --> 00:36:04,859

invites certainly several researchers to

671

00:36:12,770 --> 00:36:08,099

put instruments there to try to measure

672

00:36:16,329 --> 00:36:12,780

in a transparent way in an aimed way and

673

00:36:19,670 --> 00:36:16,339

not incidental way like the F-18 Pilots

674

00:36:22,190 --> 00:36:19,680

what's going on there so there

675

00:36:25,270 --> 00:36:22,200

also in Italy there are several

676
00:36:28,430 --> 00:36:25,280
locations I've been traveling

677
00:36:29,990 --> 00:36:28,440
not only in Australian matters in

678
00:36:34,970 --> 00:36:30,000
Arizona

679
00:36:36,890 --> 00:36:34,980
in Ontario Canada and in Ireland in

680
00:36:39,230 --> 00:36:36,900
several locations where this kind of

681
00:36:41,630 --> 00:36:39,240
phenomena Pier but I cannot say it's the

682
00:36:44,930 --> 00:36:41,640
same kind of Phenom because sometimes

683
00:36:46,849 --> 00:36:44,940
the picture is confused and there are

684
00:36:49,609 --> 00:36:46,859
some phenomena that are plasma looking

685
00:36:52,069 --> 00:36:49,619
either from that look look like

686
00:36:55,550 --> 00:36:52,079
something more structured and there are

687
00:36:57,530 --> 00:36:55,560
situations in which a structured light

688
00:37:00,530 --> 00:36:57,540

structured

689

00:37:01,870 --> 00:37:00,540

um phenomena like flying Source or

690

00:37:08,089 --> 00:37:01,880

triangles

691

00:37:13,670 --> 00:37:10,430

when um when we're discussing anomalous

692

00:37:15,349 --> 00:37:13,680

phenomena plasma consciousness

693

00:37:17,810 --> 00:37:15,359

it feels to me like these are subjects

694

00:37:20,109 --> 00:37:17,820

that have outsize influence on a whole

695

00:37:23,870 --> 00:37:20,119

constellation of additional subjects

696

00:37:25,490 --> 00:37:23,880

what other disciplines or areas of

697

00:37:27,770 --> 00:37:25,500

research and study do you believe

698

00:37:30,050 --> 00:37:27,780

benefit from this kind of research that

699

00:37:31,849 --> 00:37:30,060

you've undertaken both at hastilin and

700

00:37:35,569 --> 00:37:31,859

in other areas

701

00:37:39,050 --> 00:37:35,579

no good questions well I would say I

702

00:37:43,870 --> 00:37:39,060

could I could list uh one and clearly is

703

00:37:45,609 --> 00:37:43,880

particle physics okay one is biophysics

704

00:37:48,069 --> 00:37:45,619

and

705

00:37:51,470 --> 00:37:48,079

one is

706

00:37:55,370 --> 00:37:51,480

neurophysiology because it's very

707

00:37:59,089 --> 00:37:55,380

important to study the reaction of uh of

708

00:38:03,410 --> 00:37:59,099

our body and in particular of the human

709

00:38:06,290 --> 00:38:03,420

brain to electromagnetic fields that are

710

00:38:09,050 --> 00:38:06,300

produced in those areas in fact the

711

00:38:10,810 --> 00:38:09,060

install and there is uh it didn't happen

712

00:38:13,130 --> 00:38:10,820

to me but

713

00:38:16,490 --> 00:38:13,140

there are situations in which people

714

00:38:21,829 --> 00:38:16,500

were feeling like a uh

715

00:38:26,109 --> 00:38:21,839

um on a boat in a rocking motion so this

716

00:38:30,950 --> 00:38:26,119

is typical of the very long

717

00:38:33,470 --> 00:38:30,960

wavelength vlf or elf in fact we tried

718

00:38:36,829 --> 00:38:33,480

to measure something there and we found

719

00:38:40,849 --> 00:38:36,839

something but we couldn't explain that

720

00:38:44,109 --> 00:38:40,859

so yeah I would say biophysics particle

721

00:38:50,450 --> 00:38:46,510

neurophysiology

722

00:38:53,210 --> 00:38:50,460

I would say and also geophysics clearly

723

00:38:55,630 --> 00:38:53,220

because this kind of phenomenon could be

724

00:38:58,510 --> 00:38:55,640

triggered by

725

00:39:02,089 --> 00:38:58,520

something that is coming from the ground

726

00:39:06,109 --> 00:39:02,099

like a piece of electricity for instance

727

00:39:09,770 --> 00:39:06,119

they could trigger a light bulb but what

728

00:39:12,069 --> 00:39:09,780

we don't know why this light bulb is uh

729

00:39:15,230 --> 00:39:12,079

how to say

730

00:39:18,730 --> 00:39:15,240

self-contained for so long time there

731

00:39:22,790 --> 00:39:18,740

are several theories also from my friend

732

00:39:26,589 --> 00:39:22,800

criminal physicist David Turner who

733

00:39:30,470 --> 00:39:26,599

thinks that the containment mechanism is

734

00:39:32,510 --> 00:39:30,480

electrochemical from water droplets in

735

00:39:36,290 --> 00:39:32,520

the atmosphere there are many other

736

00:39:39,109 --> 00:39:36,300

theories and it's too early to think

737

00:39:41,630 --> 00:39:39,119

about that but to their several yes at

738

00:39:44,270 --> 00:39:41,640

least four or five scientific

739

00:39:46,310 --> 00:39:44,280

disciplines that would be involved in

740

00:39:49,069 --> 00:39:46,320

this research

741

00:39:50,510 --> 00:39:49,079

wonderful yeah that's uh that's really

742

00:39:52,010 --> 00:39:50,520

interesting and

743

00:39:54,910 --> 00:39:52,020

um just for people who aren't familiar

744

00:39:58,010 --> 00:39:54,920

with your uh on the groundwork in

745

00:40:01,010 --> 00:39:58,020

hezdalen and other regions um it would

746

00:40:03,770 --> 00:40:01,020

be neat to potentially hear a couple of

747

00:40:04,910 --> 00:40:03,780

the uh circumstances circumstances that

748

00:40:07,310 --> 00:40:04,920

you were describing where you've

749

00:40:09,890 --> 00:40:07,320

personally uh witnessed these types of

750

00:40:11,690 --> 00:40:09,900

phenomena because you know for a lot of

751

00:40:13,730 --> 00:40:11,700

people it's it's sort of an abstract

752

00:40:15,530 --> 00:40:13,740

thing right so

753

00:40:18,410 --> 00:40:15,540

um like it's very interesting to me that

754

00:40:21,170 --> 00:40:18,420

you're a uh you know doctor in Stellar

755

00:40:23,450 --> 00:40:21,180

physics who has been on the ground and

756

00:40:25,730 --> 00:40:23,460

like directly seen these things a number

757

00:40:29,089 --> 00:40:25,740

of times in close proximity to the point

758

00:40:31,130 --> 00:40:29,099

where you and most people be convinced

759

00:40:34,069 --> 00:40:31,140

that you know it exists now how do I

760

00:40:35,569 --> 00:40:34,079

explain to other people that this exists

761

00:40:38,690 --> 00:40:35,579

um yeah so would you be able to just

762

00:40:40,310 --> 00:40:38,700

relate a couple of those times when you

763

00:40:42,349 --> 00:40:40,320

became convinced by what you saw that

764

00:40:46,010 --> 00:40:42,359

there is something actually occurring

765

00:40:49,690 --> 00:40:46,670

um

766

00:40:52,609 --> 00:40:49,700

I would say uh

767

00:40:57,230 --> 00:40:52,619

the second time I went to this doll and

768

00:41:01,089 --> 00:40:57,240

I it was a mission 22 years ago in uh in

769

00:41:03,290 --> 00:41:01,099

the beginning of August of the year 2000

770

00:41:04,010 --> 00:41:03,300

I was with

771

00:41:07,250 --> 00:41:04,020

um

772

00:41:10,970 --> 00:41:07,260

with a colleague at the main

773

00:41:15,589 --> 00:41:10,980

observational point we were three at the

774

00:41:18,410 --> 00:41:15,599

hospital in Maine is part of observation

775

00:41:21,310 --> 00:41:18,420

and we had other two colleagues one

776

00:41:25,730 --> 00:41:21,320

engineer and one physicist

777

00:41:27,410 --> 00:41:25,740

two miles away from us in a different

778

00:41:30,010 --> 00:41:27,420

position

779

00:41:34,250 --> 00:41:30,020

um at some point my colleague

780

00:41:35,290 --> 00:41:34,260

was also my boss at my radio astronomy

781

00:41:38,870 --> 00:41:35,300

Department

782

00:41:41,270 --> 00:41:38,880

told look look towards South and there

783

00:41:44,390 --> 00:41:41,280

were there were three lights that were

784

00:41:47,450 --> 00:41:44,400

moving where is slowly

785

00:41:53,030 --> 00:41:47,460

and I didn't give importance to that but

786

00:41:56,270 --> 00:41:53,040

these three lights came towards us and

787

00:42:00,170 --> 00:41:56,280

um I took my binocular there was no time

788

00:42:01,329 --> 00:42:00,180

to video it because it was moving too

789

00:42:10,910 --> 00:42:01,339

fast

790

00:42:13,970 --> 00:42:10,920

okay so it was a triangular thing with

791

00:42:17,870 --> 00:42:13,980

the three lights on the vertexes no

792

00:42:21,970 --> 00:42:17,880

light in the in the center and I

793

00:42:25,130 --> 00:42:21,980

remember that it was about midnight but

794

00:42:28,210 --> 00:42:25,140

it could be possible it was a Norwegian

795

00:42:31,970 --> 00:42:28,220

night so there was some residual light

796

00:42:35,690 --> 00:42:31,980

which allowed me to see

797

00:42:40,130 --> 00:42:35,700

um clearly very clearly with binocular

798

00:42:43,609 --> 00:42:40,140

um a shape the Triangular dark shape in

799

00:42:47,870 --> 00:42:43,619

the sky this was looking like a flying

800

00:42:52,849 --> 00:42:47,880

machine not out and it was moving over

801
00:42:56,870 --> 00:42:52,859
our heads it stopped over our heads and

802
00:43:00,470 --> 00:42:56,880
started to rotate and disappeared so it

803
00:43:05,809 --> 00:43:00,480
didn't move away it seems those lights

804
00:43:09,349 --> 00:43:05,819
turned off slowly out so it was looking

805
00:43:13,190 --> 00:43:09,359
really like a machine this doesn't mean

806
00:43:16,450 --> 00:43:13,200
that uh this doesn't prove that we were

807
00:43:21,609 --> 00:43:16,460
approached by a extraterrestrial

808
00:43:25,069 --> 00:43:21,619
flying arms but that was a machine and

809
00:43:28,130 --> 00:43:25,079
and strangely I noticed that someone is

810
00:43:30,470 --> 00:43:28,140
doing experiments somewhere in throndein

811
00:43:33,470 --> 00:43:30,480
which is not far away from US dollar it

812
00:43:37,270 --> 00:43:33,480
should be 200 kilometers on drones

813
00:43:42,710 --> 00:43:37,280

particular kind of drones but that thing

814

00:43:45,650 --> 00:43:42,720

was uh very big it was much apparently

815

00:43:47,930 --> 00:43:45,660

much bigger than the little drones that

816

00:43:49,250 --> 00:43:47,940

are they were experimenting it was

817

00:43:51,410 --> 00:43:49,260

something different

818

00:43:56,829 --> 00:43:51,420

it didn't finish

819

00:44:00,530 --> 00:43:56,839

here because uh three or four days later

820

00:44:02,450 --> 00:44:00,540

in August 2000 should have been five of

821

00:44:06,530 --> 00:44:02,460

Augusta

822

00:44:09,589 --> 00:44:06,540

um I was with uh two colleagues

823

00:44:14,450 --> 00:44:09,599

and all of a sudden there was a small

824

00:44:19,670 --> 00:44:14,460

very small oval light that passed over

825

00:44:22,130 --> 00:44:19,680

our heads and stopped in front of the of

826

00:44:27,290 --> 00:44:22,140

the fur trees that were in front of us

827

00:44:30,290 --> 00:44:27,300

about 200 feet away from us it stood

828

00:44:32,690 --> 00:44:30,300

still there for 10 minutes it was their

829

00:44:36,050 --> 00:44:32,700

standing still it was very low

830

00:44:38,690 --> 00:44:36,060

Luminosity it was completely different

831

00:44:41,270 --> 00:44:38,700

from the standard of the plasma lights

832

00:44:45,190 --> 00:44:41,280

that we see installing it was like

833

00:44:50,569 --> 00:44:45,200

translucent it was like a giant Firefly

834

00:44:54,730 --> 00:44:50,579

uh the day later I went uh there and

835

00:44:58,370 --> 00:44:54,740

with my steps I could measure

836

00:45:01,370 --> 00:44:58,380

the distance which was 90 meters I took

837

00:45:04,670 --> 00:45:01,380

a photograph about that of the that

838

00:45:05,569 --> 00:45:04,680

thing but I didn't have time to to put

839

00:45:08,750 --> 00:45:05,579

this

840

00:45:11,329 --> 00:45:08,760

the Spectrum grading

841

00:45:13,150 --> 00:45:11,339

it was 40 centimeters it was something

842

00:45:17,210 --> 00:45:13,160

like elliptical

843

00:45:21,290 --> 00:45:17,220

floating trans percent

844

00:45:23,390 --> 00:45:21,300

uh yeah these are things that happen I

845

00:45:26,470 --> 00:45:23,400

was feeling cold

846

00:45:31,730 --> 00:45:26,480

no fear nothing only interested in

847

00:45:33,890 --> 00:45:31,740

trying to observe and take data coldly

848

00:45:36,829 --> 00:45:33,900

so this is what happened in this darling

849

00:45:38,690 --> 00:45:36,839

and not only in a Stalin but there were

850

00:45:45,130 --> 00:45:38,700

other events that happened to me

851
00:45:48,349 --> 00:45:46,970
so anyway

852
00:45:50,450 --> 00:45:48,359
wonderful

853
00:45:53,210 --> 00:45:50,460
um and thank you so much so we have

854
00:45:56,329 --> 00:45:53,220
another question from an audience member

855
00:45:58,490 --> 00:45:56,339
um Joel asks is there a favored theory

856
00:46:00,950 --> 00:45:58,500
that proposes the mechanism allowing

857
00:46:03,710 --> 00:46:00,960
such localized densities of energy to

858
00:46:10,730 --> 00:46:03,720
form at such low altitudes

859
00:46:13,910 --> 00:46:10,740
yeah well I think that so far the most

860
00:46:17,829 --> 00:46:13,920
favored theory is

861
00:46:22,550 --> 00:46:17,839
um that in particular conditions

862
00:46:26,030 --> 00:46:22,560
rocks can produce electrical energy

863
00:46:29,870 --> 00:46:26,040

and in particularly through the PSO

864

00:46:34,250 --> 00:46:29,880

Electric mechanism but not only through

865

00:46:37,190 --> 00:46:34,260

it this is only one of the examples it

866

00:46:41,150 --> 00:46:37,200

can happen that if rocks in particular

867

00:46:43,809 --> 00:46:41,160

particular kind of rods like uh

868

00:46:49,370 --> 00:46:43,819

um quartz

869

00:46:52,609 --> 00:46:49,380

Basalt and very strong rocks they can

870

00:46:56,569 --> 00:46:52,619

crash together due to several causes

871

00:47:00,730 --> 00:46:56,579

like a seismic shots they can create

872

00:47:04,309 --> 00:47:00,740

case electric effect which liberate

873

00:47:07,550 --> 00:47:04,319

electric energy in the air

874

00:47:10,670 --> 00:47:07,560

and create the plasma the point is that

875

00:47:13,730 --> 00:47:10,680

we can explain this because it has been

876

00:47:17,270 --> 00:47:13,740

simulated in a laboratory like from

877

00:47:20,270 --> 00:47:17,280

Professor Friedman friend uh

878

00:47:23,329 --> 00:47:20,280

geophysicist he did that with the

879

00:47:25,609 --> 00:47:23,339

compression of rocks in a laboratory he

880

00:47:29,930 --> 00:47:25,619

demonstrated that there is a lot of

881

00:47:34,089 --> 00:47:29,940

electricity that is produced but what we

882

00:47:37,430 --> 00:47:34,099

don't understand how is it possible that

883

00:47:42,589 --> 00:47:37,440

electricity which is producing Plasma in

884

00:47:45,410 --> 00:47:42,599

the air is so self-contained in a

885

00:47:47,050 --> 00:47:45,420

spherical shape in general not always

886

00:47:52,309 --> 00:47:47,060

spherical but

887

00:47:56,510 --> 00:47:52,319

for a long time because plasma is heated

888

00:48:01,130 --> 00:47:56,520

the gas that tends to expand and this

889

00:48:04,250 --> 00:48:01,140

creates cooling so the duration of this

890

00:48:06,950 --> 00:48:04,260

thing would be not more than a few

891

00:48:09,910 --> 00:48:06,960

seconds instead what we see in this

892

00:48:12,550 --> 00:48:09,920

darling is something that can last up to

893

00:48:15,470 --> 00:48:12,560

up to two hours

894

00:48:17,230 --> 00:48:15,480

are things that are like light bulbs

895

00:48:20,510 --> 00:48:17,240

that are

896

00:48:26,829 --> 00:48:20,520

self-contained and that don't change

897

00:48:30,710 --> 00:48:26,839

shape sometimes the that the speed other

898

00:48:33,910 --> 00:48:30,720

uh other light walls or they merge with

899

00:48:39,170 --> 00:48:33,920

other light bulbs and they

900

00:48:42,349 --> 00:48:39,180

float okay and but they don't exhaust

901
00:48:45,950 --> 00:48:42,359
themselves okay so there must be a

902
00:48:50,050 --> 00:48:45,960
mechanism that is confining this plasma

903
00:48:53,510 --> 00:48:50,060
for so long time one could be

904
00:48:56,690 --> 00:48:53,520
electrochemical mechanism through water

905
00:49:00,470 --> 00:48:56,700
droplet like the theory of David Turner

906
00:49:04,309 --> 00:49:00,480
another one something more exotic like a

907
00:49:05,870 --> 00:49:04,319
central Force like a mini black hole

908
00:49:10,030 --> 00:49:05,880
practically a

909
00:49:13,910 --> 00:49:10,040
Central force that is collecting

910
00:49:16,430 --> 00:49:13,920
atmospheric air turning it into a plasma

911
00:49:20,510 --> 00:49:16,440
due to high temperature that is being

912
00:49:24,710 --> 00:49:20,520
created and also inflating amplifying

913
00:49:28,849 --> 00:49:24,720

the magnetic field which is frozen and

914

00:49:32,390 --> 00:49:28,859

normally in in the atoms okay in the

915

00:49:35,950 --> 00:49:32,400

universe in general and the more this

916

00:49:39,309 --> 00:49:35,960

collapses and the more magnetic field

917

00:49:43,130 --> 00:49:39,319

become strong

918

00:49:47,450 --> 00:49:43,140

and the more this magnetic field works

919

00:49:50,750 --> 00:49:47,460

like a cage able to contain plasma and

920

00:49:54,050 --> 00:49:50,760

to prevent it from expanding outside so

921

00:49:57,109 --> 00:49:54,060

preventing it from cooling so this is

922

00:50:00,410 --> 00:49:57,119

this is only an example okay in reality

923

00:50:03,190 --> 00:50:00,420

there are several theories and it seems

924

00:50:11,150 --> 00:50:03,200

the in the case of ex-dialed and

925

00:50:15,170 --> 00:50:13,250

are there any places in the solar system

926
00:50:18,109 --> 00:50:15,180
that you would look at like maybe the

927
00:50:20,270 --> 00:50:18,119
Sun or Jupiter or Mars where you would

928
00:50:22,609 --> 00:50:20,280
find similar phenomena and where maybe

929
00:50:23,930 --> 00:50:22,619
since the human environment is not

930
00:50:25,490 --> 00:50:23,940
present there

931
00:50:27,349 --> 00:50:25,500
um could you think of like something

932
00:50:30,050 --> 00:50:27,359
about the human environment which might

933
00:50:32,829 --> 00:50:30,060
be making it more difficult to detect

934
00:50:34,550 --> 00:50:32,839
those things on earth

935
00:50:39,430 --> 00:50:34,560
well

936
00:50:40,010 --> 00:50:39,440
um in reality there is a little

937
00:50:40,910 --> 00:50:40,020
[Music]

938
00:50:44,089 --> 00:50:40,920

um

939

00:50:45,230 --> 00:50:44,099

plan and teach some kind of asteroid in

940

00:50:49,309 --> 00:50:45,240

reality is

941

00:50:52,809 --> 00:50:49,319

Terrace where some strange lights have

942

00:50:55,130 --> 00:50:52,819

been observed well there are several

943

00:50:59,390 --> 00:50:55,140

interpretation of these lights I don't

944

00:51:01,730 --> 00:50:59,400

remember now what geologists say but

945

00:51:05,230 --> 00:51:01,740

this kind of phenomenon Could Happen

946

00:51:08,150 --> 00:51:05,240

everywhere in the solar system and

947

00:51:10,390 --> 00:51:08,160

especially if there are seismic

948

00:51:14,030 --> 00:51:10,400

situations because

949

00:51:17,829 --> 00:51:14,040

earthquakes which can happen everywhere

950

00:51:20,809 --> 00:51:17,839

in the solar system could crash

951
00:51:23,809 --> 00:51:20,819
the Rocks against each other to produce

952
00:51:27,589 --> 00:51:23,819
this kind of plasma the point is that if

953
00:51:31,849 --> 00:51:27,599
there is no atmosphere there is a

954
00:51:34,190 --> 00:51:31,859
no atmosphere then you don't it's

955
00:51:35,870 --> 00:51:34,200
difficult to create a plasma because you

956
00:51:39,950 --> 00:51:35,880
have nothing to hit

957
00:51:43,609 --> 00:51:39,960
them so could happen to in Mars it could

958
00:51:49,030 --> 00:51:43,619
happen in Venus uh maybe it would happen

959
00:51:51,829 --> 00:51:49,040
in uh giant planets like Jupiter Uranus

960
00:51:54,890 --> 00:51:51,839
Saturn I think it's a phenomena that is

961
00:52:01,250 --> 00:51:54,900
not only based on Earth

962
00:52:06,589 --> 00:52:02,930
now based on

963
00:52:08,150 --> 00:52:06,599

um your observations uh in hezdalen I uh

964

00:52:11,030 --> 00:52:08,160

I find it very interesting that you saw

965

00:52:13,430 --> 00:52:11,040

sort of the variety of phenomena that um

966

00:52:15,890 --> 00:52:13,440

are today the most prominent

967

00:52:18,049 --> 00:52:15,900

um you saw like an ellipsoid that

968

00:52:21,530 --> 00:52:18,059

appeared to be low Luminosity

969

00:52:23,569 --> 00:52:21,540

um and then you saw a triangular form

970

00:52:27,049 --> 00:52:23,579

it's uh you know it's a very interesting

971

00:52:29,329 --> 00:52:27,059

about the Drone uh program in Tron time

972

00:52:31,069 --> 00:52:29,339

um it's also interesting how uh I've

973

00:52:34,670 --> 00:52:31,079

heard the very similar type of story

974

00:52:37,010 --> 00:52:34,680

from so many people in this community

975

00:52:39,470 --> 00:52:37,020

um of a you know a black triangle uh

976
00:52:41,870 --> 00:52:39,480
appearing moving towards or away or

977
00:52:44,690 --> 00:52:41,880
whatever and then instantaneously

978
00:52:47,030 --> 00:52:44,700
accelerating straight up or dissipating

979
00:52:47,569 --> 00:52:47,040
as you're describing

980
00:52:50,030 --> 00:52:47,579
um

981
00:52:52,370 --> 00:52:50,040
now I know that like the UK Ministry of

982
00:52:54,950 --> 00:52:52,380
Defense uh that had their top secret

983
00:52:56,870 --> 00:52:54,960
report that was uh distributed and top

984
00:52:59,809 --> 00:52:56,880
leadership there was briefed in 2000

985
00:53:02,450 --> 00:52:59,819
that these black triangles are

986
00:53:05,690 --> 00:53:02,460
um an expression of a natural phenomenon

987
00:53:07,190 --> 00:53:05,700
akin to ball lightning that uh in modern

988
00:53:10,430 --> 00:53:07,200

labs they produce things called

989

00:53:13,609 --> 00:53:10,440

skirmians that do uh couple and form

990

00:53:15,650 --> 00:53:13,619

triangular shapes and things like that

991

00:53:17,329 --> 00:53:15,660

um and you're saying like it very

992

00:53:18,470 --> 00:53:17,339

clearly was like it looked like a

993

00:53:20,210 --> 00:53:18,480

machine because it looked like there was

994

00:53:22,430 --> 00:53:20,220

a physical form in the middle and they

995

00:53:23,630 --> 00:53:22,440

say and they they briefed their uh

996

00:53:25,849 --> 00:53:23,640

intelligent people briefed everyone

997

00:53:28,970 --> 00:53:25,859

saying oh the electromagnetic uh

998

00:53:31,370 --> 00:53:28,980

coupling mechanism appears to form a uh

999

00:53:33,470 --> 00:53:31,380

field through like which the light does

1000

00:53:35,870 --> 00:53:33,480

not reflect so it like looks black and

1001

00:53:37,790 --> 00:53:35,880

stuff like that if you could just ref

1002

00:53:40,430 --> 00:53:37,800

like maybe I'd like to hear your

1003

00:53:43,010 --> 00:53:40,440

thoughts about like interpretation

1004

00:53:44,390 --> 00:53:43,020

versus observation since that's so key

1005

00:53:45,589 --> 00:53:44,400

to these things

1006

00:53:47,210 --> 00:53:45,599

um you know it's like the first thing

1007

00:53:49,069 --> 00:53:47,220

the light that's low Luminosity very

1008

00:53:51,290 --> 00:53:49,079

small like that you know it's it's more

1009

00:53:52,790 --> 00:53:51,300

clearly like not at least a human

1010

00:53:56,089 --> 00:53:52,800

machine

1011

00:53:57,770 --> 00:53:56,099

how like when you were seeing that black

1012

00:53:59,510 --> 00:53:57,780

triangle in a fully disintegrated like

1013

00:54:00,589 --> 00:53:59,520

how was your mind processing that and

1014

00:54:02,270 --> 00:54:00,599

that's sort of what we've been getting

1015

00:54:04,250 --> 00:54:02,280

into with this stuff with our viewers

1016

00:54:05,690 --> 00:54:04,260

especially like this processing of what

1017

00:54:07,190 --> 00:54:05,700

has been observed and how it conflicts

1018

00:54:09,109 --> 00:54:07,200

with like what you expect from reality

1019

00:54:10,670 --> 00:54:09,119

was that like a reality breaking moment

1020

00:54:12,470 --> 00:54:10,680

for you when you saw that triangle

1021

00:54:16,030 --> 00:54:12,480

dissipate above you

1022

00:54:19,190 --> 00:54:16,040

no no not at all

1023

00:54:22,970 --> 00:54:19,200

at that moment I was

1024

00:54:26,150 --> 00:54:22,980

um uh completely calm

1025

00:54:28,609 --> 00:54:26,160

um because I had a goal tried to get

1026
00:54:33,349 --> 00:54:28,619
much more to absorb and much more

1027
00:54:37,910 --> 00:54:33,359
information as possible so uh no

1028
00:54:41,150 --> 00:54:37,920
um I didn't feel to jump all of a sudden

1029
00:54:42,790 --> 00:54:41,160
into another reality or that my mind was

1030
00:54:46,309 --> 00:54:42,800
getting uh

1031
00:54:49,370 --> 00:54:46,319
drunk or or something I was completely

1032
00:54:53,510 --> 00:54:49,380
lucid and I was observing something that

1033
00:54:56,030 --> 00:54:53,520
was concrete that had nothing to do with

1034
00:54:58,609 --> 00:54:56,040
the natural phenomenon in that case even

1035
00:55:01,630 --> 00:54:58,619
if I was hunting for strange natural

1036
00:55:05,030 --> 00:55:01,640
phenomenon and

1037
00:55:06,190 --> 00:55:05,040
my capability of interpreting reality

1038
00:55:08,589 --> 00:55:06,200

was

1039

00:55:13,309 --> 00:55:08,599

very lucid

1040

00:55:14,890 --> 00:55:13,319

at that time but I have to say humanly

1041

00:55:18,609 --> 00:55:14,900

as a human being

1042

00:55:22,190 --> 00:55:18,619

I had a the reaction

1043

00:55:26,329 --> 00:55:22,200

because after two weeks I started to

1044

00:55:30,109 --> 00:55:26,339

have strange nightmares or something my

1045

00:55:33,770 --> 00:55:30,119

reaction human reaction happened much

1046

00:55:37,730 --> 00:55:33,780

later not much later but later but at

1047

00:55:40,370 --> 00:55:37,740

that moment everything was uh I was very

1048

00:55:43,250 --> 00:55:40,380

attentive to that I was so attentive

1049

00:55:46,130 --> 00:55:43,260

that was also unconscious because at

1050

00:55:49,990 --> 00:55:46,140

some point I tried to approach that a

1051

00:55:53,170 --> 00:55:50,000

little lighter that we saw

1052

00:55:56,470 --> 00:55:53,180

a few days after the triangular thing

1053

00:55:59,990 --> 00:55:56,480

and I approached I was about

1054

00:56:03,710 --> 00:56:00,000

something like 40 50 meters away from

1055

00:56:06,530 --> 00:56:03,720

that with my camera I took a photo and

1056

00:56:09,230 --> 00:56:06,540

my colleague was scared told they come

1057

00:56:11,990 --> 00:56:09,240

back immediately can be dangerous

1058

00:56:15,109 --> 00:56:12,000

and I could see several things also with

1059

00:56:19,549 --> 00:56:15,119

the binoculars very details that a photo

1060

00:56:26,329 --> 00:56:22,970

there was something that was not uh

1061

00:56:27,670 --> 00:56:26,339

dealing about the match of an atro

1062

00:56:30,829 --> 00:56:27,680

mm-hmm

1063

00:56:32,329 --> 00:56:30,839

this doesn't mean that this is alien or

1064

00:56:37,370 --> 00:56:32,339

something could that could have been a

1065

00:56:42,470 --> 00:56:37,380

maybe also a a prank why not why should

1066

00:56:44,870 --> 00:56:42,480

I should I exclude that no I cannot but

1067

00:56:47,150 --> 00:56:44,880

that was artificial

1068

00:56:49,970 --> 00:56:47,160

there are so many people in this uh

1069

00:56:51,290 --> 00:56:49,980

Community who literally go outside and

1070

00:56:53,870 --> 00:56:51,300

effectively

1071

00:56:56,930 --> 00:56:53,880

um you know pray or meditate on uh

1072

00:56:59,450 --> 00:56:56,940

hoping for a UFO to present itself to

1073

00:57:01,790 --> 00:56:59,460

them and um even though their lives are

1074

00:57:03,710 --> 00:57:01,800

sort of dedicated to the belief in these

1075

00:57:05,210 --> 00:57:03,720

phenomena they've never actually seen

1076
00:57:08,329 --> 00:57:05,220
one

1077
00:57:10,430 --> 00:57:08,339
um so like was there any validation to

1078
00:57:12,710 --> 00:57:10,440
you in actually like physically seeing

1079
00:57:14,510 --> 00:57:12,720
it so close up and sort of getting the

1080
00:57:16,790 --> 00:57:14,520
sense that at least for you personally

1081
00:57:20,150 --> 00:57:16,800
it's sort of resolved that there is this

1082
00:57:20,160 --> 00:57:23,750
well

1083
00:57:27,790 --> 00:57:25,849
I don't know this is a strange question

1084
00:57:32,150 --> 00:57:27,800
can you please

1085
00:57:35,030 --> 00:57:32,160
yes I'm sorry oh to reframe it

1086
00:57:38,030 --> 00:57:35,040
yes please yes okay after spending um

1087
00:57:41,390 --> 00:57:38,040
you know so much of your uh time and

1088
00:57:43,970 --> 00:57:41,400

energy and uh you know just life's

1089

00:57:46,910 --> 00:57:43,980

effort on trying to verify that these

1090

00:57:49,490 --> 00:57:46,920

phenomena uh do exist

1091

00:57:52,430 --> 00:57:49,500

how was there a sense of like

1092

00:57:54,829 --> 00:57:52,440

satisfaction at least or something in

1093

00:57:57,349 --> 00:57:54,839

ultimately actually being so physically

1094

00:58:01,510 --> 00:57:57,359

close to one

1095

00:58:04,790 --> 00:58:01,520

no no okay it was uh

1096

00:58:08,690 --> 00:58:04,800

it was something yeah

1097

00:58:12,710 --> 00:58:08,700

I was cold I was completely cold I was

1098

00:58:15,290 --> 00:58:12,720

feeling like uh when I was I I did a lot

1099

00:58:19,370 --> 00:58:15,300

of observations with the several kind of

1100

00:58:23,329 --> 00:58:19,380

telescopes and uh I was like when I was

1101
00:58:25,970 --> 00:58:23,339
observing my telescope uh only worried

1102
00:58:28,790 --> 00:58:25,980
to try to get good information and good

1103
00:58:33,490 --> 00:58:28,800
data okay so

1104
00:58:37,670 --> 00:58:33,500
um no I didn't feel any

1105
00:58:41,329 --> 00:58:37,680
well maybe some emotion with the

1106
00:58:45,230 --> 00:58:41,339
triangular thing yes but the big Motion

1107
00:58:48,650 --> 00:58:45,240
in my case came not at the moment but it

1108
00:58:51,349 --> 00:58:48,660
came a few days later because to me I

1109
00:58:55,390 --> 00:58:51,359
during the night I woke up at all

1110
00:58:57,170 --> 00:58:55,400
what what what happened what was that

1111
00:59:00,829 --> 00:58:57,180
but

1112
00:59:03,049 --> 00:59:00,839
um at that point uh at that moment you

1113
00:59:06,430 --> 00:59:03,059

know there was because there is also a

1114

00:59:09,530 --> 00:59:06,440

sense of Duty that we have to try to

1115

00:59:12,109 --> 00:59:09,540

collect everything to be absolutely calm

1116

00:59:12,770 --> 00:59:12,119

and uh and and take that

1117

00:59:15,530 --> 00:59:12,780

um

1118

00:59:16,510 --> 00:59:15,540

for Science and

1119

00:59:19,730 --> 00:59:16,520

um

1120

00:59:21,609 --> 00:59:19,740

I think that the UFO phenomenon can be

1121

00:59:26,329 --> 00:59:21,619

very dangerous because

1122

00:59:29,930 --> 00:59:26,339

it could be used as a weapon to

1123

00:59:34,849 --> 00:59:29,940

manipulate the mind of people

1124

00:59:35,569 --> 00:59:34,859

um in a very severe way and uh

1125

00:59:40,069 --> 00:59:35,579

um

1126
00:59:44,870 --> 00:59:40,079
it could create also new religions

1127
00:59:48,110 --> 00:59:44,880
so this thing is very very dangerous

1128
00:59:49,250 --> 00:59:48,120
so and people must

1129
00:59:51,670 --> 00:59:49,260
[Music]

1130
00:59:54,589 --> 00:59:51,680
I understand that

1131
00:59:55,970 --> 00:59:54,599
some of these things create particular

1132
00:59:59,390 --> 00:59:55,980
Sensations

1133
01:00:02,870 --> 00:59:59,400
I had particular lucid dreams that are

1134
01:00:05,750 --> 01:00:02,880
marvelous okay but

1135
01:00:07,670 --> 01:00:05,760
um we have to be careful because there

1136
01:00:11,170 --> 01:00:07,680
are some people who created religions

1137
01:00:15,109 --> 01:00:11,180
and with this and

1138
01:00:16,789 --> 01:00:15,119

uh it can be very dangerous socially so

1139

01:00:18,849 --> 01:00:16,799

I'm wondering if there is an

1140

01:00:23,049 --> 01:00:18,859

intelligence if this intelligence won't

1141

01:00:27,829 --> 01:00:23,059

manipulate Humanity in um

1142

01:00:32,809 --> 01:00:27,839

how to say Collective way and it it can

1143

01:00:35,650 --> 01:00:32,819

just succeed and maybe some religions in

1144

01:00:40,190 --> 01:00:35,660

the past were born in that way

1145

01:00:43,910 --> 01:00:40,200

but we have to welcome be confident in

1146

01:00:47,450 --> 01:00:43,920

our rationality and

1147

01:00:51,530 --> 01:00:47,460

believe in ourselves okay and not

1148

01:00:54,410 --> 01:00:51,540

delegate uh every responsibility to a

1149

01:00:55,930 --> 01:00:54,420

god that is out of us but only to

1150

01:01:01,490 --> 01:00:55,940

believe in our

1151

01:01:04,010 --> 01:01:01,500

mind Lucidity uh honesty and

1152

01:01:07,609 --> 01:01:04,020

intelligence okay because this is our

1153

01:01:12,770 --> 01:01:07,619

freedom or whatever comes out trying to

1154

01:01:18,130 --> 01:01:12,780

manipulate our emotions is dangerous

1155

01:01:21,170 --> 01:01:18,140

okay and this is my opinion even if uh

1156

01:01:26,450 --> 01:01:21,180

some I had some

1157

01:01:28,870 --> 01:01:26,460

I would say uh lucid dreams in in the

1158

01:01:33,109 --> 01:01:28,880

past but the

1159

01:01:36,650 --> 01:01:33,119

where you see these Visions in the mind

1160

01:01:40,730 --> 01:01:36,660

that are incredibly clear that are

1161

01:01:45,770 --> 01:01:40,740

creating a big sensation of

1162

01:01:48,950 --> 01:01:45,780

um Peace of truths of something in spite

1163

01:01:51,250 --> 01:01:48,960

of that I invite everyone who have this

1164

01:01:55,250 --> 01:01:51,260

kind of experience

1165

01:01:58,250 --> 01:01:55,260

do not share with the others because

1166

01:02:00,710 --> 01:01:58,260

because of two reasons the first one is

1167

01:02:03,770 --> 01:02:00,720

that you can manipulate the others with

1168

01:02:06,010 --> 01:02:03,780

yours the second thing is that if you

1169

01:02:09,770 --> 01:02:06,020

speak of this beautiful

1170

01:02:12,410 --> 01:02:09,780

things to the others the others could

1171

01:02:16,490 --> 01:02:12,420

try to

1172

01:02:18,770 --> 01:02:16,500

um spoin your beautiful experience so

1173

01:02:23,030 --> 01:02:18,780

this is something that belongs to the

1174

01:02:25,010 --> 01:02:23,040

private sphere okay about spirituality

1175

01:02:26,990 --> 01:02:25,020

about

1176

01:02:29,990 --> 01:02:27,000

um we have to be careful because this

1177

01:02:32,510 --> 01:02:30,000

phenomenon could manipulate reality to

1178

01:02:34,789 --> 01:02:32,520

badly used

1179

01:02:38,030 --> 01:02:34,799

do you feel that is there a risk that

1180

01:02:40,609 --> 01:02:38,040

perhaps you yourself were maybe not

1181

01:02:41,690 --> 01:02:40,619

manipulated but influenced by your

1182

01:02:44,510 --> 01:02:41,700

earlier

1183

01:02:49,809 --> 01:02:44,520

interest in readings and UFOs

1184

01:02:53,030 --> 01:02:49,819

no not at all I would say absolutely not

1185

01:02:57,049 --> 01:02:53,040

because I have to say I've been reading

1186

01:02:59,150 --> 01:02:57,059

uh reading I was a looking here and

1187

01:03:03,710 --> 01:02:59,160

there inside the books because they were

1188

01:03:06,170 --> 01:03:03,720

so boring that I was not able to go on

1189

01:03:09,170 --> 01:03:06,180

okay there were these stories some

1190

01:03:12,650 --> 01:03:09,180

stories which I know by memory are very

1191

01:03:16,609 --> 01:03:12,660

interesting but some others were

1192

01:03:20,390 --> 01:03:16,619

it was not stimulating okay

1193

01:03:24,650 --> 01:03:20,400

um mentally so no not at all I have

1194

01:03:30,890 --> 01:03:24,660

never felt myself uh manipulated by by

1195

01:03:34,849 --> 01:03:32,569

wonderful

1196

01:03:35,690 --> 01:03:34,859

um so Dr teodarani we are at the top of

1197

01:03:38,870 --> 01:03:35,700

the hour

1198

01:03:41,569 --> 01:03:38,880

I want to thank you so much uh for

1199

01:03:43,490 --> 01:03:41,579

joining us in this conversation I'm

1200

01:03:45,530 --> 01:03:43,500

really excited about the conversation we

1201

01:03:48,910 --> 01:03:45,540

had about Consciousness about research

1202

01:03:52,190 --> 01:03:48,920

about all the interdisciplinary

1203

01:03:56,630 --> 01:03:52,200

considerations to this kind of work

1204

01:03:59,049 --> 01:03:56,640

um what before uh you depart where can

1205

01:04:04,130 --> 01:03:59,059

our audience find you

1206

01:04:04,790 --> 01:04:04,140

uh yes it's um I have a website

1207

01:04:11,650 --> 01:04:04,800

um

1208

01:04:19,630 --> 01:04:15,849

look uh you put website a

1209

01:04:25,270 --> 01:04:19,640

massimoto.com yes if I were to remember

1210

01:04:28,430 --> 01:04:25,280

I I I I got to see to to to do a check

1211

01:04:32,569 --> 01:04:28,440

but I think it's massive running.com

1212

01:04:35,630 --> 01:04:32,579

there are several articles that I bought

1213

01:04:39,710 --> 01:04:35,640

my selection of a very few I would say

1214

01:04:43,789 --> 01:04:39,720

very few yes Massimo tutorami.com there

1215

01:04:46,010 --> 01:04:43,799

are several articles that speak about

1216

01:04:51,049 --> 01:04:46,020

something about my research

1217

01:04:53,329 --> 01:04:51,059

about my thoughts and also about my

1218

01:04:56,450 --> 01:04:53,339

music because I do experiment with the

1219

01:04:57,890 --> 01:04:56,460

synthetizers and with the electronic

1220

01:05:01,010 --> 01:04:57,900

music

1221

01:05:02,710 --> 01:05:01,020

awesome well again Dr teodorani thank

1222

01:05:08,089 --> 01:05:02,720

you so much

1223

01:05:11,690 --> 01:05:08,099

having me here of course take care

1224

01:05:15,950 --> 01:05:13,549

all right gentlemen

1225

01:05:17,930 --> 01:05:15,960

that was awesome right yeah that was

1226

01:05:20,089 --> 01:05:17,940

really yes

1227

01:05:23,750 --> 01:05:20,099

I always like I always really like

1228

01:05:26,089 --> 01:05:23,760

hearing uh Dr tutorani talk about his uh

1229

01:05:28,069 --> 01:05:26,099

personal experiences observing

1230

01:05:29,990 --> 01:05:28,079

the phenomena even if it can't be

1231

01:05:32,630 --> 01:05:30,000

scientifically proven I think it's so

1232

01:05:35,870 --> 01:05:32,640

interesting to think of a uh you know a

1233

01:05:37,370 --> 01:05:35,880

doctor in physics seeing something like

1234

01:05:40,190 --> 01:05:37,380

that and then trying to figure it out

1235

01:05:42,710 --> 01:05:40,200

from uh that perspective

1236

01:05:45,470 --> 01:05:42,720

yeah see I

1237

01:05:46,910 --> 01:05:45,480

had a familiarity with his work and had

1238

01:05:49,430 --> 01:05:46,920

listened to some of his interviews but

1239

01:05:51,289 --> 01:05:49,440

somehow missed the story that he talked

1240

01:05:53,210 --> 01:05:51,299

about today about this sort of delayed

1241

01:05:57,589 --> 01:05:53,220

processing

1242

01:06:00,349 --> 01:05:57,599

um of his sighting and how it uh

1243

01:06:01,250 --> 01:06:00,359

affected him or sort of you know how it

1244

01:06:03,349 --> 01:06:01,260

um

1245

01:06:05,569 --> 01:06:03,359

how it kind of showed up in his I guess

1246

01:06:06,829 --> 01:06:05,579

Consciousness or memory or whatever a

1247

01:06:08,089 --> 01:06:06,839

few days later I think that's really

1248

01:06:12,289 --> 01:06:08,099

interesting

1249

01:06:14,870 --> 01:06:12,299

um and I I deeply appreciate the

1250

01:06:18,410 --> 01:06:14,880

almost scientific Detachment he had

1251
01:06:21,410 --> 01:06:18,420
towards recounting this experience and

1252
01:06:24,609 --> 01:06:21,420
his insights it was very cool to witness

1253
01:06:27,670 --> 01:06:24,619
right the simultaneous open-mindedness

1254
01:06:32,390 --> 01:06:27,680
alongside a

1255
01:06:34,490 --> 01:06:32,400
analytical and objective discussion of

1256
01:06:37,370 --> 01:06:34,500
what he personally

1257
01:06:39,770 --> 01:06:37,380
um has experienced

1258
01:06:42,170 --> 01:06:39,780
there are a lot of people uh who study

1259
01:06:45,710 --> 01:06:42,180
this subject and I have to say that Dr

1260
01:06:47,630 --> 01:06:45,720
tutorani I uh he's definitely one of if

1261
01:06:49,609 --> 01:06:47,640
not my favorite uh academic

1262
01:06:52,190 --> 01:06:49,619
investigating the subject and one of the

1263
01:06:55,490 --> 01:06:52,200

things I like so much about his work is

1264

01:06:58,250 --> 01:06:55,500

that he is always so uh precise uh and

1265

01:07:01,069 --> 01:06:58,260

clear about when he's speculating and

1266

01:07:02,809 --> 01:07:01,079

when he's describing observations

1267

01:07:05,690 --> 01:07:02,819

um and I also really like that he will

1268

01:07:07,250 --> 01:07:05,700

dive quite deep into speculation uh he's

1269

01:07:08,750 --> 01:07:07,260

willing to do that but in it he always

1270

01:07:11,510 --> 01:07:08,760

ties it to

1271

01:07:14,270 --> 01:07:11,520

um identifying that it is speculation so

1272

01:07:16,069 --> 01:07:14,280

that it can be done more freely without

1273

01:07:17,569 --> 01:07:16,079

um well I mean it's an interesting thing

1274

01:07:19,309 --> 01:07:17,579

you can always taint someone's

1275

01:07:20,930 --> 01:07:19,319

perspective if you speculate too far but

1276

01:07:22,210 --> 01:07:20,940

I think he does it right if you're going

1277

01:07:24,650 --> 01:07:22,220

to speculate

1278

01:07:26,390 --> 01:07:24,660

yeah a similar comment here from David

1279

01:07:28,490 --> 01:07:26,400

he was wonderful I especially

1280

01:07:30,410 --> 01:07:28,500

appreciated that he was a new voice

1281

01:07:32,210 --> 01:07:30,420

bringing a new unique perspective to the

1282

01:07:33,529 --> 01:07:32,220

exploration yeah and I also appreciate

1283

01:07:35,450 --> 01:07:33,539

that he's I mean he's been doing this

1284

01:07:37,730 --> 01:07:35,460

for a while like his research in house

1285

01:07:38,690 --> 01:07:37,740

Selena is 20 years old

1286

01:07:40,490 --> 01:07:38,700

um

1287

01:07:43,069 --> 01:07:40,500

and I think that demonstrates a degree

1288

01:07:44,990 --> 01:07:43,079

of commitment and rigor

1289

01:07:46,130 --> 01:07:45,000

um that's very exciting to see in the

1290

01:07:48,589 --> 01:07:46,140

subject

1291

01:07:50,870 --> 01:07:48,599

absolutely and you know he's got so many

1292

01:07:51,829 --> 01:07:50,880

interesting things in his past like for

1293

01:07:53,450 --> 01:07:51,839

example

1294

01:07:57,470 --> 01:07:53,460

um and didn't even touch on this today

1295

01:07:59,690 --> 01:07:57,480

but in 1996 after he went to this

1296

01:08:03,470 --> 01:07:59,700

conference in 1994 got more interested

1297

01:08:04,930 --> 01:08:03,480

he sent in 96 a large paper to the

1298

01:08:07,450 --> 01:08:04,940

Italian

1299

01:08:09,049 --> 01:08:07,460

Ministry of Defense

1300

01:08:12,049 --> 01:08:09,059

and

1301

01:08:14,390 --> 01:08:12,059

um it was all about how to build a

1302

01:08:17,809 --> 01:08:14,400

remote sensor station that could uh

1303

01:08:19,910 --> 01:08:17,819

effectively identify UFOs and he

1304

01:08:22,130 --> 01:08:19,920

described the exact process to construct

1305

01:08:24,169 --> 01:08:22,140

that kind of uh thing and that was back

1306

01:08:26,809 --> 01:08:24,179

in 96 he never heard back from the

1307

01:08:29,530 --> 01:08:26,819

ministry of Defense but he's been at

1308

01:08:31,849 --> 01:08:29,540

this project like his whole life like in

1309

01:08:34,010 --> 01:08:31,859

2004 there's a documentary from a

1310

01:08:36,169 --> 01:08:34,020

British TV station with him in it where

1311

01:08:38,209 --> 01:08:36,179

he's talking about I think he's quoted

1312

01:08:40,729 --> 01:08:38,219

as saying something like you know I can

1313

01:08:44,510 --> 01:08:40,739

like prove these things exist I just

1314

01:08:46,010 --> 01:08:44,520

need to find a crazy rich guy right

1315

01:08:47,749 --> 01:08:46,020

someone actually put their money in into

1316

01:08:50,749 --> 01:08:47,759

it yeah and that's what Dr Love

1317

01:08:52,130 --> 01:08:50,759

described is that a billionaire knocked

1318

01:08:53,749 --> 01:08:52,140

on his door one day after hearing him

1319

01:08:56,209 --> 01:08:53,759

talk about aliens or reading his book

1320

01:08:59,289 --> 01:08:56,219

and uh you know it's just depends on if

1321

01:09:02,749 --> 01:08:59,299

it lines up and now Dr titirani at least

1322

01:09:04,370 --> 01:09:02,759

indirectly is getting uh his dream his

1323

01:09:08,150 --> 01:09:04,380

you know lifelong professional dream

1324

01:09:12,470 --> 01:09:09,709

yeah

1325

01:09:13,729 --> 01:09:12,480

um oh sorry go ahead Lewis

1326

01:09:17,090 --> 01:09:13,739

um something you've raised before

1327

01:09:19,370 --> 01:09:17,100

Campbell is um that maybe the Galileo

1328

01:09:22,849 --> 01:09:19,380

project might be placing too much

1329

01:09:26,930 --> 01:09:22,859

emphasis on visual confirmation

1330

01:09:29,510 --> 01:09:26,940

uh whereas what you really want is a

1331

01:09:30,769 --> 01:09:29,520

high resolution spectral data

1332

01:09:34,130 --> 01:09:30,779

right

1333

01:09:36,410 --> 01:09:34,140

um yes I guess theodorant is um he would

1334

01:09:38,570 --> 01:09:36,420

be very uh cognizant of that wouldn't he

1335

01:09:41,870 --> 01:09:38,580

and I guess he would be bringing that to

1336

01:09:46,130 --> 01:09:41,880

the Galileo project that realization

1337

01:09:49,010 --> 01:09:46,140

yes uh he uh specializes in

1338

01:09:50,809 --> 01:09:49,020

um exactly Imaging with spectral

1339

01:09:52,550 --> 01:09:50,819

um gratings and things like that based

1340

01:09:55,250 --> 01:09:52,560

on his work as an astrophysicist

1341

01:09:57,530 --> 01:09:55,260

especially as a stellar astrophysicist

1342

01:09:59,689 --> 01:09:57,540

he specializes in uh yeah I'm serving

1343

01:10:01,250 --> 01:09:59,699

stars and that's how they uh assess the

1344

01:10:03,290 --> 01:10:01,260

different characteristics of stars

1345

01:10:04,970 --> 01:10:03,300

through this exact process it's

1346

01:10:06,290 --> 01:10:04,980

unfortunate we didn't get into it more I

1347

01:10:08,030 --> 01:10:06,300

mean we've taught all the subjects we

1348

01:10:10,130 --> 01:10:08,040

did touch on I don't think I would uh

1349

01:10:11,209 --> 01:10:10,140

swap any out but um it's just a

1350

01:10:12,770 --> 01:10:11,219

testament to how much stuff he's

1351

01:10:16,010 --> 01:10:12,780

involved with that we didn't even touch

1352

01:10:17,930 --> 01:10:16,020

on the details of his uh Spectra uh work

1353

01:10:20,990 --> 01:10:17,940

although one of his blog posts I think

1354

01:10:24,430 --> 01:10:21,000

four or five back I'm pretty sure it's

1355

01:10:27,229 --> 01:10:24,440

like literally titled like uh UFOs and

1356

01:10:28,850 --> 01:10:27,239

spectroscopy so he gets into the details

1357

01:10:29,870 --> 01:10:28,860

there very effectively on his blog on

1358

01:10:32,870 --> 01:10:29,880

his website

1359

01:10:35,750 --> 01:10:32,880

uh-huh what did you uh yeah Luis what

1360

01:10:37,790 --> 01:10:35,760

what was your favorite uh sort of thing

1361

01:10:39,530 --> 01:10:37,800

that Dr tutorani mentioned was there

1362

01:10:45,770 --> 01:10:39,540

anything that stood out to you

1363

01:10:51,890 --> 01:10:49,370

I'm interested in the energy levels

1364

01:10:52,550 --> 01:10:51,900

sorry my maintenance keeps breaking up a

1365

01:10:56,270 --> 01:10:52,560

bit

1366

01:10:59,709 --> 01:10:56,280

um the the energy um calculation aspect

1367

01:11:01,250 --> 01:10:59,719

based on distance and uh

1368

01:11:03,130 --> 01:11:01,260

luminosity

1369

01:11:06,410 --> 01:11:03,140

you know there's always an issue about

1370

01:11:08,810 --> 01:11:06,420

if it's just eyewitness reports then how

1371

01:11:10,850 --> 01:11:08,820

objective is that but if you can

1372

01:11:12,050 --> 01:11:10,860

you know at least film something then

1373

01:11:14,570 --> 01:11:12,060

you might be able to get a more

1374

01:11:17,570 --> 01:11:14,580

objective um measurement of the energies

1375

01:11:19,790 --> 01:11:17,580

involved so I think that's really key I

1376

01:11:22,370 --> 01:11:19,800

do Wonder though whether if you can't

1377

01:11:24,649 --> 01:11:22,380

propose a mechanism

1378

01:11:27,709 --> 01:11:24,659

for something like um how meaningful is

1379

01:11:32,330 --> 01:11:30,050

yes and uh his his discussion of energy

1380

01:11:33,410 --> 01:11:32,340

is exactly as you're saying it's based

1381

01:11:36,410 --> 01:11:33,420

off of

1382

01:11:38,930 --> 01:11:36,420

um interpreting the uh

1383

01:11:41,350 --> 01:11:38,940

distance to the object from having

1384

01:11:44,149 --> 01:11:41,360

multiple observation posts and then

1385

01:11:48,229 --> 01:11:44,159

photographing it with a particular kinds

1386

01:11:50,630 --> 01:11:48,239

of film and uh so uh yeah I think you

1387

01:11:53,270 --> 01:11:50,640

know it provides something it's not

1388

01:11:55,070 --> 01:11:53,280

anything concrete uh and this is the

1389

01:11:56,709 --> 01:11:55,080

kind of thing that is published in the

1390

01:12:00,590 --> 01:11:56,719

Journal of scientific exploration

1391

01:12:02,930 --> 01:12:00,600

founded by Peter stirock I believe at

1392

01:12:04,729 --> 01:12:02,940

Stanford in order to actually publish

1393

01:12:07,850 --> 01:12:04,739

things that are sort of like

1394

01:12:10,010 --> 01:12:07,860

not a hundred percent solid um and so

1395

01:12:12,169 --> 01:12:10,020

you know Dr Valley did something very

1396

01:12:13,669 --> 01:12:12,179

similar back in the early 90s he had a

1397

01:12:15,410 --> 01:12:13,679

paper published in the Journal of

1398

01:12:18,050 --> 01:12:15,420

scientific exploration that details I

1399

01:12:19,490 --> 01:12:18,060

think five UFO cases and estimating

1400

01:12:21,350 --> 01:12:19,500

their power levels based on the

1401
01:12:23,390 --> 01:12:21,360
Luminosity so it's something that's been

1402
01:12:25,370 --> 01:12:23,400
done for quite some time and uh

1403
01:12:27,530 --> 01:12:25,380
obviously since you know UFOs haven't

1404
01:12:30,350 --> 01:12:27,540
been uh proven to this point it has

1405
01:12:32,270 --> 01:12:30,360
limited value but maybe tells us

1406
01:12:33,709 --> 01:12:32,280
something

1407
01:12:36,050 --> 01:12:33,719
um Leah like what was your favorite uh

1408
01:12:37,850 --> 01:12:36,060
thing that Dr cheater

1409
01:12:39,830 --> 01:12:37,860
you know um the

1410
01:12:43,189 --> 01:12:39,840
Vines I was go I was super excited when

1411
01:12:46,430 --> 01:12:44,510
want immunization emergent

1412
01:12:47,990 --> 01:12:46,440
self-organization and its relationship

1413
01:12:50,450 --> 01:12:48,000

to consciousness

1414

01:12:52,430 --> 01:12:50,460

I very much appreciated him digging into

1415

01:12:53,330 --> 01:12:52,440

bone and

1416

01:12:56,090 --> 01:12:53,340

um

1417

01:13:00,110 --> 01:12:56,100

I think Penrose as well in his

1418

01:13:03,050 --> 01:13:00,120

discussion but I also wrote down

1419

01:13:04,970 --> 01:13:03,060

um a quote from him about how anomalies

1420

01:13:08,030 --> 01:13:04,980

are an alarm clock to look at other

1421

01:13:11,510 --> 01:13:08,040

parts of reality and I love that right

1422

01:13:14,930 --> 01:13:11,520

like I love this idea that

1423

01:13:19,850 --> 01:13:14,940

rather than glossing over outlier

1424

01:13:23,510 --> 01:13:19,860

data or phenomena instead he reframes it

1425

01:13:26,810 --> 01:13:23,520

as an indication that there is something

1426

01:13:30,709 --> 01:13:26,820

to explore and to investigate

1427

01:13:32,930 --> 01:13:30,719

and he struck me very much uh Campbell

1428

01:13:34,850 --> 01:13:32,940

you had described him as like a rogue

1429

01:13:37,970 --> 01:13:34,860

scientist and he very much struck me as

1430

01:13:40,209 --> 01:13:37,980

that as kind of possessing this almost

1431

01:13:44,510 --> 01:13:40,219

golden age

1432

01:13:46,669 --> 01:13:44,520

curiosity without having either a

1433

01:13:48,590 --> 01:13:46,679

teleology about his research and

1434

01:13:49,310 --> 01:13:48,600

findings

1435

01:13:52,430 --> 01:13:49,320

um

1436

01:13:56,330 --> 01:13:52,440

and being driven

1437

01:13:57,169 --> 01:13:56,340

out of I would say pure

1438

01:13:59,930 --> 01:13:57,179

um

1439

01:14:02,450 --> 01:13:59,940

desire for scientific inquiry rather

1440

01:14:04,430 --> 01:14:02,460

than orienting itself towards a desired

1441

01:14:05,930 --> 01:14:04,440

outcome or

1442

01:14:09,110 --> 01:14:05,940

um

1443

01:14:11,270 --> 01:14:09,120

Theory so I was very very impressed I

1444

01:14:13,790 --> 01:14:11,280

think think in his response around

1445

01:14:15,530 --> 01:14:13,800

scientific methodology

1446

01:14:18,290 --> 01:14:15,540

it's something that I've found very

1447

01:14:20,649 --> 01:14:18,300

inspiring about Dr Tita Ronnie and when

1448

01:14:24,950 --> 01:14:20,659

I first found out about his work

1449

01:14:27,830 --> 01:14:24,960

in May of last year 2021 I was so

1450

01:14:29,830 --> 01:14:27,840

shocked that he wasn't better known on

1451

01:14:32,209 --> 01:14:29,840

this side of the Atlantic Ocean

1452

01:14:34,669 --> 01:14:32,219

considering the amount that he's done on

1453

01:14:37,370 --> 01:14:34,679

this subject even to the point of

1454

01:14:41,149 --> 01:14:37,380

ultimately addressing the European

1455

01:14:43,490 --> 01:14:41,159

Parliament on the subject of UFOs in if

1456

01:14:46,189 --> 01:14:43,500

I remember correctly 2010

1457

01:14:50,209 --> 01:14:46,199

um so like he's a very notable figure in

1458

01:14:54,290 --> 01:14:50,219

the UFO community in many respects and

1459

01:14:58,310 --> 01:14:54,300

uh I mean even 2014 he was recruited by

1460

01:15:00,110 --> 01:14:58,320

uh Leslie Kane and Chris Mellon as they

1461

01:15:03,709 --> 01:15:00,120

were on the board of directors of the

1462

01:15:05,570 --> 01:15:03,719

UFO data project his paper is still on

1463

01:15:08,510 --> 01:15:05,580

there as their technical paper and he's

1464

01:15:11,750 --> 01:15:08,520

their lead scientist to get data to

1465

01:15:16,189 --> 01:15:11,760

verify the UFOs exist so um

1466

01:15:17,750 --> 01:15:16,199

his uh like I feel like his sort of like

1467

01:15:19,189 --> 01:15:17,760

uh the way that he approaches the

1468

01:15:21,350 --> 01:15:19,199

subject I think would have a lot of

1469

01:15:23,090 --> 01:15:21,360

appeal if people knew like that he

1470

01:15:24,590 --> 01:15:23,100

existed essentially and it's blown my

1471

01:15:26,209 --> 01:15:24,600

mind over and over again that people

1472

01:15:27,950 --> 01:15:26,219

don't really know that he does exist and

1473

01:15:30,770 --> 01:15:27,960

he's just been in the background for so

1474

01:15:33,350 --> 01:15:30,780

long uh I feel like he might have a

1475

01:15:34,850 --> 01:15:33,360

moment at some point uh soon on this

1476

01:15:37,010 --> 01:15:34,860

side of the Atlantic especially with the

1477

01:15:38,270 --> 01:15:37,020

Galileo project uh sort of ramping up

1478

01:15:40,910 --> 01:15:38,280

though

1479

01:15:42,350 --> 01:15:40,920

but there are so many things that uh we

1480

01:15:44,330 --> 01:15:42,360

could have talked to him about that we

1481

01:15:45,890 --> 01:15:44,340

just didn't have time to so maybe we can

1482

01:15:47,870 --> 01:15:45,900

have him back sometime

1483

01:15:50,090 --> 01:15:47,880

you know for sure I I would have loved

1484

01:15:52,610 --> 01:15:50,100

to dig into the Galileo project less

1485

01:15:55,850 --> 01:15:52,620

about the specific work he's doing and

1486

01:15:57,830 --> 01:15:55,860

more about his thoughts on what would

1487

01:15:59,149 --> 01:15:57,840

make the project a success like what

1488

01:16:03,770 --> 01:15:59,159

does he Envision this project

1489

01:16:07,570 --> 01:16:03,780

accomplishing or contributing and

1490

01:16:11,750 --> 01:16:07,580

how he sees it moving the subject

1491

01:16:14,990 --> 01:16:11,760

forward and increasingly legitimizing it

1492

01:16:17,930 --> 01:16:15,000

for a scientific inquiry

1493

01:16:21,189 --> 01:16:17,940

well as as Louise said actually uh it's

1494

01:16:24,709 --> 01:16:21,199

a really uh interesting point like

1495

01:16:26,630 --> 01:16:24,719

when the experience on the ground has

1496

01:16:29,030 --> 01:16:26,640

shown him that the Spectra are what

1497

01:16:31,490 --> 01:16:29,040

really matter and what we've seen from

1498

01:16:33,709 --> 01:16:31,500

uh you know natural science or Sciences

1499

01:16:35,450 --> 01:16:33,719

like proving uh sort of like

1500

01:16:38,870 --> 01:16:35,460

Breakthrough science with the ball

1501

01:16:41,090 --> 01:16:38,880

lightning in 2014 and Spectra and then

1502

01:16:42,410 --> 01:16:41,100

um Dr Loeb has very heavily emphasized

1503

01:16:44,209 --> 01:16:42,420

the optical

1504

01:16:46,310 --> 01:16:44,219

um and uh this point that Louise made

1505

01:16:49,310 --> 01:16:46,320

that maybe they're over emphasizing the

1506

01:16:51,410 --> 01:16:49,320

optical and uh the like just the

1507

01:16:54,490 --> 01:16:51,420

philosophy of it it is very interesting

1508

01:16:57,530 --> 01:16:54,500

it's like is it primarily

1509

01:16:58,970 --> 01:16:57,540

to just make content that you can raise

1510

01:17:00,350 --> 01:16:58,980

more money with like that's a very

1511

01:17:01,729 --> 01:17:00,360

negative way of looking at it and I

1512

01:17:04,130 --> 01:17:01,739

don't think that's necessarily the case

1513

01:17:05,870 --> 01:17:04,140

but but if they prove the UFOs are a

1514

01:17:07,970 --> 01:17:05,880

natural phenomena uh which is something

1515

01:17:11,870 --> 01:17:07,980

that Dr Loeb has also multiple times uh

1516

01:17:13,850 --> 01:17:11,880

hinted at in multiple interviews uh then

1517

01:17:15,410 --> 01:17:13,860

the monies maybe would at least

1518

01:17:18,410 --> 01:17:15,420

dramatically reduce from the public

1519

01:17:22,310 --> 01:17:20,330

and then what would they do okay because

1520

01:17:24,050 --> 01:17:22,320

they like he has huge Ambitions like he

1521

01:17:27,410 --> 01:17:24,060

wants to send one of those

1522

01:17:29,930 --> 01:17:27,420

um postcard sized uh robotic probes all

1523

01:17:31,189 --> 01:17:29,940

the way over to Proxima Centauri using a

1524

01:17:34,010 --> 01:17:31,199

laser

1525

01:17:35,990 --> 01:17:34,020

um as the energy source so like he's got

1526

01:17:38,450 --> 01:17:36,000

he's got a few billion dollars to go on

1527

01:17:38,460 --> 01:17:42,350

right

1528

01:17:47,270 --> 01:17:45,229

or other of you uh what do you what do

1529

01:17:51,169 --> 01:17:47,280

you guys how do you interpret the delay

1530

01:17:52,970 --> 01:17:51,179

on this major report uh do you think it

1531

01:17:55,310 --> 01:17:52,980

was intentional waiting out the midterm

1532

01:17:57,890 --> 01:17:55,320

oh the government report yes yes the

1533

01:18:00,890 --> 01:17:57,900

fact that it's still not out

1534

01:18:02,990 --> 01:18:00,900

um so go ahead Lewis what's your

1535

01:18:03,709 --> 01:18:03,000

perspective not oh no you go ahead go

1536

01:18:07,250 --> 01:18:03,719

ahead

1537

01:18:08,810 --> 01:18:07,260

I I was I was just going to say uh I

1538

01:18:11,910 --> 01:18:08,820

think it's just another case of

1539

01:18:15,470 --> 01:18:11,920

government uh red tape

1540

01:18:27,050 --> 01:18:17,689

I

1541

01:18:28,669 --> 01:18:27,060

me most likely is either that it's

1542

01:18:30,530 --> 01:18:28,679

straight up late or that it's been

1543

01:18:31,850 --> 01:18:30,540

delivered in some classified format and

1544

01:18:34,970 --> 01:18:31,860

has yet to go through any kind of

1545

01:18:37,850 --> 01:18:34,980

reduction for public consumption

1546

01:18:39,590 --> 01:18:37,860

um that seems to me very on brand for

1547

01:18:42,110 --> 01:18:39,600

the federal government

1548

01:18:44,030 --> 01:18:42,120

um but I

1549

01:18:47,570 --> 01:18:44,040

have also

1550

01:18:49,910 --> 01:18:47,580

given the elections that occurred

1551

01:18:53,750 --> 01:18:49,920

yesterday in the U.S I I think there was

1552

01:18:57,729 --> 01:18:53,760

this maybe Community perception that the

1553

01:19:01,729 --> 01:18:57,739

report may be delayed or somehow

1554

01:19:04,250 --> 01:19:01,739

manipulated in order to influence the

1555

01:19:06,890 --> 01:19:04,260

electoral process right like by

1556

01:19:09,649 --> 01:19:06,900

Distributing this report it would have

1557

01:19:11,149 --> 01:19:09,659

an outside effect on who people vote for

1558

01:19:14,149 --> 01:19:11,159

Etc

1559

01:19:16,270 --> 01:19:14,159

and this feels

1560

01:19:19,850 --> 01:19:16,280

to me

1561

01:19:24,350 --> 01:19:19,860

like assigning an outside importance on

1562

01:19:27,290 --> 01:19:24,360

the subject of UFOs and UAP to the

1563

01:19:29,090 --> 01:19:27,300

popular imagination

1564

01:19:31,729 --> 01:19:29,100

um put put another way I don't think

1565

01:19:35,030 --> 01:19:31,739

that this is a one

1566

01:19:37,610 --> 01:19:35,040

like a one issue

1567

01:19:39,290 --> 01:19:37,620

determinant and how people vote or who

1568

01:19:42,110 --> 01:19:39,300

they support

1569

01:19:44,290 --> 01:19:42,120

um so I am extremely hesitant to

1570

01:19:48,229 --> 01:19:44,300

attribute its delay

1571

01:19:50,450 --> 01:19:48,239

to the midterm elections or concerns

1572

01:19:52,250 --> 01:19:50,460

about interfering in them by delivering

1573

01:19:53,090 --> 01:19:52,260

this report

1574

01:19:57,950 --> 01:19:53,100

um

1575

01:20:02,149 --> 01:20:00,590

that makes sense that that's sort of uh

1576

01:20:05,270 --> 01:20:02,159

I think that's pretty much my read too

1577

01:20:07,550 --> 01:20:05,280

it's like the interpretation that would

1578

01:20:08,990 --> 01:20:07,560

be sort of saying like oh it's been

1579

01:20:10,970 --> 01:20:09,000

delayed because they're afraid of the

1580

01:20:12,649 --> 01:20:10,980

Fallout and stuff like that that's

1581

01:20:15,410 --> 01:20:12,659

certainly like in my view the least

1582

01:20:17,090 --> 01:20:15,420

likely uh explanation I mean it's always

1583

01:20:18,910 --> 01:20:17,100

of course possible that maybe this is

1584

01:20:21,169 --> 01:20:18,920

the report that's going to say uh

1585

01:20:23,030 --> 01:20:21,179

extraterrestrials are here finally but

1586

01:20:25,010 --> 01:20:23,040

uh yeah that's I don't think that's at

1587

01:20:28,850 --> 01:20:25,020

the top of the list so it pro it

1588

01:20:31,010 --> 01:20:28,860

probably is some level of inefficiency

1589

01:20:34,310 --> 01:20:31,020

um I've wondered myself like because

1590

01:20:36,410 --> 01:20:34,320

in the internal documents uh about

1591

01:20:38,090 --> 01:20:36,420

National Security and stuff they they do

1592

01:20:39,950 --> 01:20:38,100

heavily uh

1593

01:20:42,770 --> 01:20:39,960

say that they don't really want people

1594

01:20:44,090 --> 01:20:42,780

sort of focusing on UFOs it's seen as a

1595

01:20:47,570 --> 01:20:44,100

little bit of a

1596

01:20:50,090 --> 01:20:47,580

you know a a topic that can be exploited

1597

01:20:51,830 --> 01:20:50,100

by Foreign actors so

1598

01:20:54,169 --> 01:20:51,840

um you know it's like makes me wonder

1599

01:20:56,689 --> 01:20:54,179

like if they are gonna try to sort of

1600

01:20:58,610 --> 01:20:56,699

ramp down public interest this this

1601
01:21:00,470 --> 01:20:58,620
would be consistent with that I think

1602
01:21:02,689 --> 01:21:00,480
like you know it's like there's not a

1603
01:21:04,610 --> 01:21:02,699
huge it's like now it's been delayed the

1604
01:21:06,410 --> 01:21:04,620
sort of news was like there were a bunch

1605
01:21:08,270 --> 01:21:06,420
of news stories leading up to it now

1606
01:21:10,370 --> 01:21:08,280
people maybe won't be care maybe it'll

1607
01:21:11,870 --> 01:21:10,380
be coming out on a Friday evening like

1608
01:21:13,729 --> 01:21:11,880
they like to do

1609
01:21:18,470 --> 01:21:13,739
yeah I mean we saw

1610
01:21:20,689 --> 01:21:18,480
we've witnessed the same

1611
01:21:22,729 --> 01:21:20,699
repeated Dynamic within the community

1612
01:21:26,330 --> 01:21:22,739
around any release of this information

1613
01:21:29,090 --> 01:21:26,340

where there's this Collective

1614

01:21:31,490 --> 01:21:29,100

eager anticipation

1615

01:21:33,770 --> 01:21:31,500

various and Sundries shadowy figures

1616

01:21:35,450 --> 01:21:33,780

from the anonymous depths of Twitter

1617

01:21:38,030 --> 01:21:35,460

making claims about what may be

1618

01:21:41,149 --> 01:21:38,040

contained in this report nothing

1619

01:21:43,550 --> 01:21:41,159

subsequently comes up which for the True

1620

01:21:45,830 --> 01:21:43,560

Believers is proof positive that voices

1621

01:21:48,590 --> 01:21:45,840

are being repressed if something does

1622

01:21:51,350 --> 01:21:48,600

come out whatever is delivered

1623

01:21:54,110 --> 01:21:51,360

will fail no matter what no matter what

1624

01:21:58,070 --> 01:21:54,120

the report says it will inevitably fail

1625

01:21:58,790 --> 01:21:58,080

to satiate the collective Community

1626
01:22:00,890 --> 01:21:58,800
um

1627
01:22:03,410 --> 01:22:00,900
and

1628
01:22:10,970 --> 01:22:03,420
what

1629
01:22:12,770 --> 01:22:10,980
predictability of this cycle within the

1630
01:22:16,370 --> 01:22:12,780
community in general

1631
01:22:20,450 --> 01:22:16,380
and then the knock-on effect that it has

1632
01:22:22,750 --> 01:22:20,460
on the community where

1633
01:22:26,209 --> 01:22:22,760
there seems to be no meaningful

1634
01:22:28,010 --> 01:22:26,219
self-reflection on the promises that

1635
01:22:31,010 --> 01:22:28,020
community members make about this report

1636
01:22:32,870 --> 01:22:31,020
that fail to come to pass right like no

1637
01:22:34,610 --> 01:22:32,880
matter what individuals say about this

1638
01:22:36,590 --> 01:22:34,620

report promising it will be delivered

1639

01:22:39,709 --> 01:22:36,600

saying they have secret information or

1640

01:22:41,630 --> 01:22:39,719

access to to Hidden sources then if that

1641

01:22:44,270 --> 01:22:41,640

fails to materialize there's no kind of

1642

01:22:45,950 --> 01:22:44,280

collective pushback or interrogation of

1643

01:22:46,550 --> 01:22:45,960

why that may be

1644

01:22:48,830 --> 01:22:46,560

um

1645

01:22:50,689 --> 01:22:48,840

and so I think on a personal level

1646

01:22:53,149 --> 01:22:50,699

watching this Dynamic constantly play

1647

01:22:55,070 --> 01:22:53,159

out is extremely telling and also

1648

01:22:57,709 --> 01:22:55,080

obviously super frustrating particularly

1649

01:22:59,810 --> 01:22:57,719

as someone who beats the drum of like

1650

01:23:02,209 --> 01:22:59,820

accountability and integrity and

1651
01:23:04,970 --> 01:23:02,219
standards of evidence all the time

1652
01:23:08,290 --> 01:23:04,980
um but I also think it collectively

1653
01:23:11,450 --> 01:23:08,300
feeds this community

1654
01:23:13,250 --> 01:23:11,460
belief that because people aren't nice

1655
01:23:15,050 --> 01:23:13,260
on UFO Twitter the government's

1656
01:23:18,350 --> 01:23:15,060
withholding disclosure so if we were

1657
01:23:20,270 --> 01:23:18,360
just collectively nicer to any number of

1658
01:23:22,070 --> 01:23:20,280
anonymous Twitter accounts we would know

1659
01:23:22,970 --> 01:23:22,080
what's going on by now and I think that

1660
01:23:27,649 --> 01:23:22,980
that's

1661
01:23:30,350 --> 01:23:27,659
such a a strange and almost infantile

1662
01:23:32,030 --> 01:23:30,360
um assessment on the Dynamics we're

1663
01:23:35,090 --> 01:23:32,040

watching play out

1664

01:23:36,590 --> 01:23:35,100

it feels like religious thinking and uh

1665

01:23:38,149 --> 01:23:36,600

you know and religious thinking is

1666

01:23:41,270 --> 01:23:38,159

rooted in a lot of that stuff like

1667

01:23:43,370 --> 01:23:41,280

hierarchy and punishment for being bad

1668

01:23:45,950 --> 01:23:43,380

and things like that so I definitely am

1669

01:23:47,930 --> 01:23:45,960

getting uh you know I feel what you're

1670

01:23:50,030 --> 01:23:47,940

saying

1671

01:23:51,410 --> 01:23:50,040

yeah okay this is this is another yeah

1672

01:23:53,270 --> 01:23:51,420

another change of subject right we have

1673

01:23:55,850 --> 01:23:53,280

James Fox's documentary

1674

01:23:57,950 --> 01:23:55,860

um moment moment of contact I think

1675

01:24:00,290 --> 01:23:57,960

um a question coming in any thoughts

1676
01:24:02,270 --> 01:24:00,300
about the alleged Georgina Alien video

1677
01:24:04,370 --> 01:24:02,280
supposedly to be released soon right

1678
01:24:07,250 --> 01:24:04,380
again it's always soon

1679
01:24:09,470 --> 01:24:07,260
um yeah so what last I heard is there

1680
01:24:11,330 --> 01:24:09,480
was an offer out from James Fox the

1681
01:24:14,030 --> 01:24:11,340
director of this new film

1682
01:24:15,770 --> 01:24:14,040
um for two hundred thousand dollars for

1683
01:24:18,290 --> 01:24:15,780
an individual who purportedly has video

1684
01:24:20,090 --> 01:24:18,300
evidence of a creature recovered from

1685
01:24:22,729 --> 01:24:20,100
this event

1686
01:24:24,709 --> 01:24:22,739
um I

1687
01:24:26,750 --> 01:24:24,719
um

1688
01:24:29,050 --> 01:24:26,760

probably put this

1689

01:24:31,250 --> 01:24:29,060

they should be offering a bounty of

1690

01:24:33,770 --> 01:24:31,260

hundreds of millions perhaps even

1691

01:24:37,430 --> 01:24:33,780

billions of dollars for this kind of

1692

01:24:39,770 --> 01:24:37,440

evidence to be factual

1693

01:24:43,729 --> 01:24:39,780

um I would love to see if there is

1694

01:24:47,030 --> 01:24:43,739

factual or even very good evidence of

1695

01:24:49,010 --> 01:24:47,040

this so far the video stills that I have

1696

01:24:51,410 --> 01:24:49,020

seen

1697

01:24:55,130 --> 01:24:51,420

um propagated across the internet have

1698

01:24:58,610 --> 01:24:55,140

largely been taken from let's see 1990s

1699

01:25:01,850 --> 01:24:58,620

alien autopsy videos on Fox screen grabs

1700

01:25:02,689 --> 01:25:01,860

from old X-Files videos or old X-Files

1701
01:25:04,610 --> 01:25:02,699
episodes

1702
01:25:05,570 --> 01:25:04,620
Etc

1703
01:25:08,750 --> 01:25:05,580
um

1704
01:25:13,189 --> 01:25:10,729
I would love to be wrong let me put it

1705
01:25:16,370 --> 01:25:13,199
that way I would love to be wrong I I

1706
01:25:18,410 --> 01:25:16,380
will eat crow on a live stream if 200

1707
01:25:19,729 --> 01:25:18,420
000 turns up an actual video of an alien

1708
01:25:21,950 --> 01:25:19,739
I would know I would love nothing more

1709
01:25:23,530 --> 01:25:21,960
than to be wrong about this but I don't

1710
01:25:25,729 --> 01:25:23,540
think it's gonna happen

1711
01:25:28,729 --> 01:25:25,739
there's my hot take what about you

1712
01:25:30,649 --> 01:25:28,739
Campbell what about you Lewis

1713
01:25:32,270 --> 01:25:30,659

yeah Louise uh yeah you start with it

1714

01:25:36,169 --> 01:25:32,280

what do you think of that

1715

01:25:39,950 --> 01:25:36,179

uh uh I'll believe it when I see it over

1716

01:25:43,610 --> 01:25:39,960

to you fair enough yeah I mean yeah

1717

01:25:45,470 --> 01:25:43,620

because I I saw the Fallout on Reddit of

1718

01:25:47,630 --> 01:25:45,480

um James Fox I can't remember what it

1719

01:25:51,050 --> 01:25:47,640

was maybe Fox News or something when he

1720

01:25:52,130 --> 01:25:51,060

did like an A on Reddit too okay I

1721

01:25:54,110 --> 01:25:52,140

didn't see that

1722

01:25:54,890 --> 01:25:54,120

it went about as well as you actually it

1723

01:26:00,110 --> 01:25:54,900

went

1724

01:26:01,850 --> 01:26:00,120

expect but it basically was

1725

01:26:04,850 --> 01:26:01,860

people asking over and over do you have

1726

01:26:06,770 --> 01:26:04,860

proof is there a video of the purported

1727

01:26:10,070 --> 01:26:06,780

alien in your documentary

1728

01:26:11,330 --> 01:26:10,080

and he kind of evasively answered those

1729

01:26:14,510 --> 01:26:11,340

questions

1730

01:26:16,370 --> 01:26:14,520

and the collective the unwashed masses

1731

01:26:18,890 --> 01:26:16,380

of Reddit were basically like okay you

1732

01:26:21,290 --> 01:26:18,900

don't have anything next what's next

1733

01:26:23,810 --> 01:26:21,300

what you know that's uh something

1734

01:26:25,729 --> 01:26:23,820

interesting too like Reddit like the UFO

1735

01:26:28,850 --> 01:26:25,739

Community like they there is like a

1736

01:26:31,490 --> 01:26:28,860

heavy uh belief but they they also have

1737

01:26:34,610 --> 01:26:31,500

a bit more of a mixing with the um the

1738

01:26:36,649 --> 01:26:34,620

skeptical or critical uh uh arguments do

1739

01:26:40,430 --> 01:26:36,659

make their way into the the conversation

1740

01:26:43,189 --> 01:26:40,440

I'd argue more so uh at least

1741

01:26:44,870 --> 01:26:43,199

um yeah and so James Fox exactly like so

1742

01:26:47,689 --> 01:26:44,880

he made that claim in that one interview

1743

01:26:49,490 --> 01:26:47,699

that seemed explosive he made like the

1744

01:26:52,070 --> 01:26:49,500

language he used initially was something

1745

01:26:54,649 --> 01:26:52,080

that sounded like certain

1746

01:26:55,970 --> 01:26:54,659

um and then he just has since then and a

1747

01:26:57,350 --> 01:26:55,980

bunch of people stood up and said like

1748

01:26:59,090 --> 01:26:57,360

you know this guy's legit this guy's

1749

01:27:01,010 --> 01:26:59,100

legit and then since then he's been

1750

01:27:03,050 --> 01:27:01,020

walking it back walking it back

1751

01:27:04,790 --> 01:27:03,060

so it doesn't look good looks like it

1752

01:27:08,750 --> 01:27:04,800

was promotional maybe he got caught up

1753

01:27:10,729 --> 01:27:08,760

in the moment and spoke to uh broadly or

1754

01:27:13,370 --> 01:27:10,739

like you know like you're on TV he

1755

01:27:15,950 --> 01:27:13,380

doesn't do huge interviews frequently

1756

01:27:17,330 --> 01:27:15,960

like uh on mainstream news so it makes

1757

01:27:19,189 --> 01:27:17,340

sense if he got a little excited and

1758

01:27:21,590 --> 01:27:19,199

just used us a word that's

1759

01:27:23,450 --> 01:27:21,600

definitionally incorrect so I'm not

1760

01:27:25,189 --> 01:27:23,460

expecting anything from that did you

1761

01:27:28,070 --> 01:27:25,199

guys notice that Dr titirani

1762

01:27:31,310 --> 01:27:28,080

specifically mentioned this uh case

1763

01:27:35,270 --> 01:27:31,320

though uh earlier in the interview I

1764

01:27:36,470 --> 01:27:35,280

he used it as the example of um and this

1765

01:27:37,729 --> 01:27:36,480

is what I find so funny about his stuff

1766

01:27:40,010 --> 01:27:37,739

right he makes this he's like well the

1767

01:27:41,870 --> 01:27:40,020

triangle seem to be mechanical however

1768

01:27:44,330 --> 01:27:41,880

in Brazil when they're shooting laser

1769

01:27:46,129 --> 01:27:44,340

beams uh you know I see a plausible

1770

01:27:48,709 --> 01:27:46,139

natural mechanism through Stellar

1771

01:27:50,629 --> 01:27:48,719

physics and it's like that one sounds

1772

01:27:53,689 --> 01:27:50,639

crazier to me than the triangle but

1773

01:27:56,390 --> 01:27:53,699

maybe like what yes did you pick that up

1774

01:27:58,910 --> 01:27:56,400

uh Leah what did you think of that I

1775

01:28:00,350 --> 01:27:58,920

picked that up and I also see when he

1776

01:28:02,870 --> 01:28:00,360

brought that up the other thing it

1777

01:28:04,370 --> 01:28:02,880

connects to in my mind is the dangers of

1778

01:28:05,930 --> 01:28:04,380

encountering these kinds of experiences

1779

01:28:07,250 --> 01:28:05,940

or having these experiences and he

1780

01:28:10,669 --> 01:28:07,260

touched on this we've touched on this

1781

01:28:15,350 --> 01:28:10,679

too either bodily harm or death or

1782

01:28:18,410 --> 01:28:15,360

physical danger associated with this and

1783

01:28:20,270 --> 01:28:18,420

it feels like in popular conversation

1784

01:28:23,350 --> 01:28:20,280

about this subject that's an element

1785

01:28:27,669 --> 01:28:23,360

that's frequently dismissed or ignored

1786

01:28:30,410 --> 01:28:27,679

but he seemed to take a very

1787

01:28:33,350 --> 01:28:30,420

genuine perspective that this is a

1788

01:28:35,510 --> 01:28:33,360

potentially very dangerous circumstance

1789

01:28:39,290 --> 01:28:35,520

to find oneself in

1790

01:28:41,030 --> 01:28:39,300

and that and I don't just means the

1791

01:28:43,189 --> 01:28:41,040

psychosocial set I mean like the

1792

01:28:44,149 --> 01:28:43,199

physical danger associated with these

1793

01:28:45,169 --> 01:28:44,159

events

1794

01:28:47,209 --> 01:28:45,179

um

1795

01:28:49,610 --> 01:28:47,219

so I thought that was very interesting

1796

01:28:52,129 --> 01:28:49,620

when he brought that up

1797

01:28:55,250 --> 01:28:52,139

was he referring to the Polaris incident

1798

01:28:56,570 --> 01:28:55,260

or the vagina sighting okay you're right

1799

01:28:59,330 --> 01:28:56,580

I mixed it up he was talking about

1800

01:29:01,669 --> 01:28:59,340

claras yes yeah okay but yeah but still

1801
01:29:03,470 --> 01:29:01,679
out of out of Brazil I think right it

1802
01:29:05,990 --> 01:29:03,480
doesn't I think really talks about this

1803
01:29:09,590 --> 01:29:06,000
event yeah yeah right there's actually

1804
01:29:11,450 --> 01:29:09,600
you know um that the kolara's case uh I

1805
01:29:15,110 --> 01:29:11,460
just don't find it plausible that if it

1806
01:29:17,629 --> 01:29:15,120
was uh an intelligence

1807
01:29:19,310 --> 01:29:17,639
that they would um

1808
01:29:23,689 --> 01:29:19,320
should be shooting people with um

1809
01:29:26,030 --> 01:29:23,699
whatever lasers or plasmas and

1810
01:29:28,129 --> 01:29:26,040
they would be

1811
01:29:30,050 --> 01:29:28,139
like what's the point of doing that and

1812
01:29:32,149 --> 01:29:30,060
secondly

1813
01:29:35,149 --> 01:29:32,159

um there was also a

1814

01:29:38,450 --> 01:29:35,159

a claim within that um you know broader

1815

01:29:41,689 --> 01:29:38,460

incident that um a guy was being

1816

01:29:44,510 --> 01:29:41,699

you know drawn up into the UFO and he

1817

01:29:46,850 --> 01:29:44,520

held onto a tree and then like the UFO

1818

01:29:49,490 --> 01:29:46,860

gave up

1819

01:29:51,590 --> 01:29:49,500

um stuff like that just really speaks to

1820

01:29:53,750 --> 01:29:51,600

this being kind of those interpretations

1821

01:29:55,490 --> 01:29:53,760

like these things are attacking us or

1822

01:29:58,669 --> 01:29:55,500

they're trying to kidnap us those are

1823

01:30:00,110 --> 01:29:58,679

human interpretations and um

1824

01:30:01,790 --> 01:30:00,120

I think there was something might have

1825

01:30:04,189 --> 01:30:01,800

been something else going on

1826

01:30:05,990 --> 01:30:04,199

uh some natural phenomena but I just

1827

01:30:10,490 --> 01:30:06,000

don't see like aliens

1828

01:30:16,910 --> 01:30:13,910

it's a good point like the behaviors are

1829

01:30:18,890 --> 01:30:16,920

very hard to uh understand or the

1830

01:30:21,950 --> 01:30:18,900

Motions I guess because Behavior Uh

1831

01:30:24,590 --> 01:30:21,960

implies uh intent in some ways perhaps

1832

01:30:26,750 --> 01:30:24,600

uh you know living thing

1833

01:30:30,350 --> 01:30:26,760

um and it's like like Dr theodorani has

1834

01:30:32,870 --> 01:30:30,360

mentioned that uh the the Motions appear

1835

01:30:34,430 --> 01:30:32,880

to ex at least based on some

1836

01:30:37,790 --> 01:30:34,440

descriptions exceed what you would

1837

01:30:39,530 --> 01:30:37,800

expect from purely electrostatics which

1838

01:30:41,270 --> 01:30:39,540

is uh something that he then finds

1839

01:30:42,950 --> 01:30:41,280

interesting from this speculative

1840

01:30:43,729 --> 01:30:42,960

perspective of maybe there's some kind

1841

01:30:49,250 --> 01:30:43,739

of

1842

01:30:52,010 --> 01:30:49,260

within through the self-organizing

1843

01:30:53,570 --> 01:30:52,020

mechanism so

1844

01:30:55,490 --> 01:30:53,580

like there seem to be plausible

1845

01:30:58,310 --> 01:30:55,500

sufficient explanations that are purely

1846

01:31:01,209 --> 01:30:58,320

mechanistic and yet people who get very

1847

01:31:03,830 --> 01:31:01,219

heavily involved with them also become

1848

01:31:05,229 --> 01:31:03,840

convinced and from what I can see that

1849

01:31:08,510 --> 01:31:05,239

there is a more

1850

01:31:10,010 --> 01:31:08,520

conscious element to it and uh I find

1851
01:31:13,310 --> 01:31:10,020
that very interesting and I'm not sure

1852
01:31:15,290 --> 01:31:13,320
exactly what that origin is but um

1853
01:31:21,010 --> 01:31:15,300
the physical

1854
01:31:24,410 --> 01:31:21,020
potentially meeting sort of the

1855
01:31:26,629 --> 01:31:24,420
observational uh criteria of like a

1856
01:31:28,550 --> 01:31:26,639
neutron star and a stellar physicist

1857
01:31:31,490 --> 01:31:28,560
being like observationally I think this

1858
01:31:33,709 --> 01:31:31,500
looks like a neutron star and even like

1859
01:31:37,729 --> 01:31:33,719
even like the the beans and like even

1860
01:31:40,550 --> 01:31:37,739
the suction upward uh look up the uh

1861
01:31:42,770 --> 01:31:40,560
magnetized frog experiment and you can

1862
01:31:46,129 --> 01:31:42,780
see that applying an electromagnetic

1863
01:31:49,010 --> 01:31:46,139

magnetic field to an object in Earth's

1864

01:31:50,689 --> 01:31:49,020

atmosphere produces a levitation of that

1865

01:31:52,310 --> 01:31:50,699

object that looks like anti-gravity

1866

01:31:54,050 --> 01:31:52,320

because electromagnetism can produce

1867

01:31:56,270 --> 01:31:54,060

that kind of effect

1868

01:31:57,709 --> 01:31:56,280

so anyway uh I guess the long story

1869

01:31:59,750 --> 01:31:57,719

short there I'm just saying it's like

1870

01:32:02,330 --> 01:31:59,760

it's pretty fascinating that

1871

01:32:04,310 --> 01:32:02,340

um these things could be natural

1872

01:32:05,930 --> 01:32:04,320

um and we don't know but uh I was really

1873

01:32:08,510 --> 01:32:05,940

happy to hear Tia Dr tutorani explain

1874

01:32:10,129 --> 01:32:08,520

that side of it to us today

1875

01:32:11,689 --> 01:32:10,139

yeah and I think uh Campbell you're

1876
01:32:13,189 --> 01:32:11,699
touching on something that I always find

1877
01:32:14,510 --> 01:32:13,199
fascinating at the heart of the subject

1878
01:32:17,330 --> 01:32:14,520
which is

1879
01:32:19,370 --> 01:32:17,340
that this

1880
01:32:23,149 --> 01:32:19,380
is so

1881
01:32:29,450 --> 01:32:25,689
um or experiences

1882
01:32:32,090 --> 01:32:29,460
are trans medium in nature where we talk

1883
01:32:34,310 --> 01:32:32,100
about the relationship between observed

1884
01:32:36,410 --> 01:32:34,320
and experienced physical phenomena and

1885
01:32:39,709 --> 01:32:36,420
then these second order effects of

1886
01:32:43,370 --> 01:32:39,719
Consciousness or psychological response

1887
01:32:45,770 --> 01:32:43,380
and how also there's this inclination to

1888
01:32:47,629 --> 01:32:45,780

transpose

1889

01:32:53,270 --> 01:32:47,639

um

1890

01:32:55,729 --> 01:32:53,280

onto these events

1891

01:32:58,810 --> 01:32:55,739

you know like to assign some kind of

1892

01:33:02,270 --> 01:32:58,820

objective or

1893

01:33:05,629 --> 01:33:02,280

goal to particular behaviors that are

1894

01:33:08,110 --> 01:33:05,639

witnessed or experienced

1895

01:33:10,010 --> 01:33:08,120

and I think in turn we almost

1896

01:33:11,629 --> 01:33:10,020

anthropomorphize them

1897

01:33:16,550 --> 01:33:11,639

by

1898

01:33:17,950 --> 01:33:16,560

assuming that they must behave based on

1899

01:33:22,310 --> 01:33:17,960

I guess

1900

01:33:25,729 --> 01:33:22,320

incentives or drivers that we as humans

1901

01:33:28,129 --> 01:33:25,739

can relate to instead of being just

1902

01:33:29,870 --> 01:33:28,139

outside of human conception or cognition

1903

01:33:32,149 --> 01:33:29,880

and I'm not even attributing like

1904

01:33:34,750 --> 01:33:32,159

intelligence or Consciousness to these

1905

01:33:36,410 --> 01:33:34,760

events I'm just more thinking about

1906

01:33:37,490 --> 01:33:36,420

how

1907

01:33:42,550 --> 01:33:37,500

um

1908

01:33:45,169 --> 01:33:42,560

behavior onto phenomena that we observe

1909

01:33:46,910 --> 01:33:45,179

all the time

1910

01:33:48,890 --> 01:33:46,920

it's an excellent point and it would

1911

01:33:52,610 --> 01:33:48,900

almost be strange if we didn't right

1912

01:33:55,070 --> 01:33:52,620

because human uh history the origin is

1913

01:33:58,490 --> 01:33:55,080

that literally every single thing around

1914

01:34:00,709 --> 01:33:58,500

us had a life Spirit to it even like the

1915

01:34:03,470 --> 01:34:00,719

stones the air the water everything was

1916

01:34:05,689 --> 01:34:03,480

alive and you know we've kind of reduced

1917

01:34:08,390 --> 01:34:05,699

that progressively to this tiny sliver

1918

01:34:11,209 --> 01:34:08,400

of reality that we don't have like the

1919

01:34:13,129 --> 01:34:11,219

ex perfect modern scientific focus on

1920

01:34:15,649 --> 01:34:13,139

yet and that's what theater Dr tutoron

1921

01:34:17,330 --> 01:34:15,659

is like looking at and trying to get at

1922

01:34:18,830 --> 01:34:17,340

the heart of it and that's the thing

1923

01:34:21,649 --> 01:34:18,840

that you pointed out that alarm clock

1924

01:34:23,750 --> 01:34:21,659

thing it's like this is where the true

1925

01:34:26,030 --> 01:34:23,760

answer is that there still are out there

1926

01:34:29,030 --> 01:34:26,040

maybe are hiding

1927

01:34:31,910 --> 01:34:29,040

mm-hmm yeah and it also um

1928

01:34:34,550 --> 01:34:31,920

it speaks to like the emergent nature of

1929

01:34:37,970 --> 01:34:34,560

scientific inquiry that that science

1930

01:34:39,709 --> 01:34:37,980

like in I think popular imagination we

1931

01:34:41,450 --> 01:34:39,719

tend to treat science as this closed

1932

01:34:44,270 --> 01:34:41,460

system but the reality is that if done

1933

01:34:46,850 --> 01:34:44,280

properly like science is a framework

1934

01:34:48,530 --> 01:34:46,860

exists as like an emergent process from

1935

01:34:50,450 --> 01:34:48,540

an open dynamic system like it should

1936

01:34:52,930 --> 01:34:50,460

kind of incrementally creep forward and

1937

01:34:58,310 --> 01:34:52,940

expand and how it's used to understand

1938

01:34:59,990 --> 01:34:58,320

or uh interpret events and

1939

01:35:01,490 --> 01:35:00,000

um like like events that are sort of at

1940

01:35:03,229 --> 01:35:01,500

the edge of what we would conventionally

1941

01:35:05,689 --> 01:35:03,239

identify as science like he said these

1942

01:35:06,410 --> 01:35:05,699

anomalous phenomena

1943

01:35:09,050 --> 01:35:06,420

um

1944

01:35:11,390 --> 01:35:09,060

I mean I I keep meaning to read Thomas

1945

01:35:14,030 --> 01:35:11,400

kuhn's book on scientific revolution

1946

01:35:16,610 --> 01:35:14,040

because I feel like at the heart of

1947

01:35:17,990 --> 01:35:16,620

things that's what's so much for me with

1948

01:35:20,149 --> 01:35:18,000

this conversation with these

1949

01:35:21,370 --> 01:35:20,159

conversations are about they're about

1950

01:35:24,229 --> 01:35:21,380

not

1951

01:35:26,450 --> 01:35:24,239

dismissing or denigrating experiences

1952

01:35:28,550 --> 01:35:26,460

and anomalous phenomena so much as

1953

01:35:31,010 --> 01:35:28,560

refactoring the Frameworks and

1954

01:35:33,950 --> 01:35:31,020

methodologies we use to interpret our

1955

01:35:35,870 --> 01:35:33,960

world around us and I think actually

1956

01:35:37,209 --> 01:35:35,880

pursuant to what we were talking about

1957

01:35:40,430 --> 01:35:37,219

around

1958

01:35:42,530 --> 01:35:40,440

the presence like transposing

1959

01:35:45,950 --> 01:35:42,540

Consciousness or intent onto things I

1960

01:35:47,510 --> 01:35:45,960

mean the other thing is like we watch to

1961

01:35:49,370 --> 01:35:47,520

me what feels like an increasingly

1962

01:35:51,470 --> 01:35:49,380

emergent

1963

01:35:57,649 --> 01:35:55,910

idea in Consciousness and in areas of

1964

01:36:01,790 --> 01:35:57,659

physics and psychology and also in

1965

01:36:04,490 --> 01:36:01,800

psychedelic studies is uh Pan psychism

1966

01:36:08,209 --> 01:36:04,500

um and pan psychism seems to be in

1967

01:36:12,890 --> 01:36:08,219

gaining increasing legitimacy among some

1968

01:36:14,209 --> 01:36:12,900

of the I would say intellectual

1969

01:36:16,430 --> 01:36:14,219

Towers

1970

01:36:19,790 --> 01:36:16,440

across a number of different disciplines

1971

01:36:20,689 --> 01:36:19,800

and I think also that pan psychism again

1972

01:36:23,090 --> 01:36:20,699

um

1973

01:36:24,649 --> 01:36:23,100

it not only is extremely interesting and

1974

01:36:26,810 --> 01:36:24,659

compelling

1975

01:36:30,350 --> 01:36:26,820

um insofar as treating Consciousness is

1976

01:36:34,010 --> 01:36:30,360

an emergent phenomena but it also for me

1977

01:36:36,709 --> 01:36:34,020

what I think is very interesting is what

1978

01:36:38,570 --> 01:36:36,719

it implies about the uniqueness of

1979

01:36:40,669 --> 01:36:38,580

humanity against the rest of the

1980

01:36:42,110 --> 01:36:40,679

universe because for so long like humans

1981

01:36:43,610 --> 01:36:42,120

have envisioned themselves as being

1982

01:36:46,729 --> 01:36:43,620

unique creatures by virtue of

1983

01:36:47,410 --> 01:36:46,739

Consciousness and this

1984

01:36:51,110 --> 01:36:47,420

um

1985

01:36:53,750 --> 01:36:51,120

inverts that assessment if we start

1986

01:36:55,790 --> 01:36:53,760

seeing Consciousness is is common or

1987

01:36:57,950 --> 01:36:55,800

even Universal

1988

01:37:00,050 --> 01:36:57,960

um suddenly this trait or characteristic

1989

01:37:03,770 --> 01:37:00,060

is no longer

1990

01:37:07,310 --> 01:37:03,780

um a unique Factor uh possessed only by

1991

01:37:13,250 --> 01:37:10,070

yeah it's a very interesting point like

1992

01:37:15,649 --> 01:37:13,260

it it ties into religion so deeply in

1993

01:37:20,629 --> 01:37:15,659

some ways and it is almost like a deeper

1994

01:37:23,030 --> 01:37:20,639

cosmological Point how like

1995

01:37:26,030 --> 01:37:23,040

centering the universe like within each

1996

01:37:29,570 --> 01:37:26,040

individual versus

1997

01:37:31,610 --> 01:37:29,580

an idea that uh Consciousness can be

1998

01:37:35,090 --> 01:37:31,620

sort of a mechanistic emergent

1999

01:37:37,390 --> 01:37:35,100

phenomenon resulting from these natural

2000

01:37:40,250 --> 01:37:37,400

uh essentially

2001

01:37:41,530 --> 01:37:40,260

magnetohydrodynamics like even if if

2002

01:37:43,790 --> 01:37:41,540

there's

2003

01:37:45,950 --> 01:37:43,800

sometimes I wonder when I'm reading this

2004

01:37:47,750 --> 01:37:45,960

stuff and it's not my main uh world view

2005

01:37:50,090 --> 01:37:47,760

but it makes me wonder sometimes when I

2006

01:37:51,590 --> 01:37:50,100

see how uh plasma replicates a lot of

2007

01:37:54,169 --> 01:37:51,600

these like you know sub cellular

2008

01:37:56,570 --> 01:37:54,179

processes and like DNA it looks like

2009

01:37:58,430 --> 01:37:56,580

similar to plasma under certain

2010

01:38:01,070 --> 01:37:58,440

environmental conditions the way it

2011

01:38:02,450 --> 01:38:01,080

Spirals and self-regulate their um yeah

2012

01:38:04,189 --> 01:38:02,460

cell forms and the replica

2013

01:38:05,629 --> 01:38:04,199

self-replicates and things like that and

2014

01:38:07,430 --> 01:38:05,639

it makes me want it's like is everything

2015

01:38:09,890 --> 01:38:07,440

just like a series of these tiny like

2016

01:38:11,570 --> 01:38:09,900

energy board disease that uh we're

2017

01:38:12,590 --> 01:38:11,580

talking about at different scales and

2018

01:38:14,870 --> 01:38:12,600

stuff

2019

01:38:17,090 --> 01:38:14,880

it really comes down to like the basics

2020

01:38:18,770 --> 01:38:17,100

of reality and uh it's something you

2021

01:38:21,229 --> 01:38:18,780

wouldn't really necessarily expect going

2022

01:38:23,209 --> 01:38:21,239

into UFOs that it steps into these other

2023

01:38:25,370 --> 01:38:23,219

things like you're describing

2024

01:38:26,990 --> 01:38:25,380

yeah it um you know what you just

2025

01:38:28,610 --> 01:38:27,000

reminded me of is a lot of the

2026

01:38:31,390 --> 01:38:28,620

conversations over the summer about

2027

01:38:34,189 --> 01:38:31,400

whether or not the Lambda language model

2028

01:38:35,810 --> 01:38:34,199

indicated like machine Consciousness or

2029

01:38:39,050 --> 01:38:35,820

machine intelligence this was a natural

2030

01:38:40,270 --> 01:38:39,060

language model that could produce

2031

01:38:42,830 --> 01:38:40,280

um

2032

01:38:46,129 --> 01:38:42,840

unstructured text in response to pretty

2033

01:38:49,370 --> 01:38:46,139

nuanced and sophisticated questions

2034

01:38:52,189 --> 01:38:49,380

um for I think the average person

2035

01:38:54,169 --> 01:38:52,199

it probably seems conscious because the

2036

01:38:56,810 --> 01:38:54,179

average person I think

2037

01:38:58,970 --> 01:38:56,820

one they use the touring test as kind of

2038

01:39:02,390 --> 01:38:58,980

their litmus test of Consciousness which

2039

01:39:04,010 --> 01:39:02,400

is this is not the podcast talk about

2040

01:39:06,169 --> 01:39:04,020

why that's not right but I think that's

2041

01:39:08,030 --> 01:39:06,179

very common the other is that most

2042

01:39:10,250 --> 01:39:08,040

people

2043

01:39:12,350 --> 01:39:10,260

um who don't work and engage with these

2044

01:39:14,810 --> 01:39:12,360

kinds of language processing models have

2045

01:39:16,370 --> 01:39:14,820

any conception of exactly how

2046

01:39:18,530 --> 01:39:16,380

sophisticated and Powerful they've

2047

01:39:20,410 --> 01:39:18,540

become but the third thing is that

2048

01:39:23,570 --> 01:39:20,420

language is fundamentally computational

2049

01:39:26,390 --> 01:39:23,580

so the the strength and sophistication

2050

01:39:28,970 --> 01:39:26,400

of these language models points less to

2051

01:39:30,709 --> 01:39:28,980

a general language intelligence or

2052

01:39:32,570 --> 01:39:30,719

machine Consciousness than it does to

2053

01:39:36,110 --> 01:39:32,580

the computational nature of how language

2054

01:39:37,610 --> 01:39:36,120

and communication exists

2055

01:39:40,610 --> 01:39:37,620

um so basically and it put in other

2056

01:39:43,310 --> 01:39:40,620

words you can reduce communication

2057

01:39:46,189 --> 01:39:43,320

through language to a computational

2058

01:39:47,510 --> 01:39:46,199

process to equations to decision trees

2059

01:39:48,290 --> 01:39:47,520

Etc

2060

01:39:50,930 --> 01:39:48,300

um

2061

01:39:52,729 --> 01:39:50,940

and I bring this up because

2062

01:39:56,270 --> 01:39:52,739

what

2063

01:39:58,669 --> 01:39:56,280

these discussions about plasma behaviors

2064

01:40:00,950 --> 01:39:58,679

remind me of is not that they

2065

01:40:03,310 --> 01:40:00,960

necessarily indicate Consciousness as

2066

01:40:07,310 --> 01:40:03,320

much as they point to the universality

2067

01:40:11,390 --> 01:40:07,320

of self-organizing behavior and

2068

01:40:13,870 --> 01:40:11,400

self-organization in complex systems

2069

01:40:17,169 --> 01:40:13,880

these are dynamics that are exhibited

2070

01:40:19,669 --> 01:40:17,179

repeatedly and routinely virtually

2071

01:40:22,070 --> 01:40:19,679

everywhere whether it's in the formation

2072

01:40:24,470 --> 01:40:22,080

of an urban center or in the biological

2073

01:40:26,510 --> 01:40:24,480

body with different metabolic processes

2074

01:40:30,770 --> 01:40:26,520

or

2075

01:40:32,090 --> 01:40:30,780

um in electrified Plasma Research

2076

01:40:34,850 --> 01:40:32,100

phenomena

2077

01:40:37,910 --> 01:40:34,860

Etc like these sort of processes of

2078

01:40:39,830 --> 01:40:37,920

self-organization which can look a whole

2079

01:40:41,450 --> 01:40:39,840

lot like Consciousness and like intent

2080

01:40:42,649 --> 01:40:41,460

like I definitely encourage anyone

2081

01:40:44,870 --> 01:40:42,659

listening

2082

01:40:47,390 --> 01:40:44,880

um to look into John Conway as the game

2083

01:40:50,590 --> 01:40:47,400

of life because this is sort of the

2084

01:40:52,669 --> 01:40:50,600

entryway to exploring this idea that

2085

01:40:55,310 --> 01:40:52,679

self-organization is algorithmic or

2086

01:40:58,490 --> 01:40:55,320

computational it's uh

2087

01:41:01,910 --> 01:40:58,500

it's a property or behavior that can be

2088

01:41:04,850 --> 01:41:01,920

measured and assessed and to some degree

2089

01:41:07,729 --> 01:41:04,860

predicted based on different factors and

2090

01:41:10,550 --> 01:41:07,739

it's something we see again sort of in

2091

01:41:12,410 --> 01:41:10,560

all different spaces both in our lived

2092

01:41:14,330 --> 01:41:12,420

experience and then also scientifically

2093

01:41:17,870 --> 01:41:14,340

and also you know in terms of

2094

01:41:20,450 --> 01:41:17,880

transmitting information and thought

2095

01:41:22,550 --> 01:41:20,460

it really speaks what you're saying

2096

01:41:25,970 --> 01:41:22,560

really speaks to how these things really

2097

01:41:29,390 --> 01:41:25,980

end up coming together and originating

2098

01:41:33,470 --> 01:41:29,400

from a a foundational worldview like a

2099

01:41:35,570 --> 01:41:33,480

cosmology your way of processing reality

2100

01:41:38,629 --> 01:41:35,580

around you and it's like for example

2101
01:41:41,330 --> 01:41:38,639
like I am like you know philosophically

2102
01:41:44,209 --> 01:41:41,340
I would say I'm a materialist I'm an

2103
01:41:46,550 --> 01:41:44,219
atheist I wouldn't assert definitively

2104
01:41:48,530 --> 01:41:46,560
these things are true I think that's you

2105
01:41:50,330 --> 01:41:48,540
know logically incorrect to do that

2106
01:41:54,050 --> 01:41:50,340
that's just my world view

2107
01:41:56,410 --> 01:41:54,060
when I look at things like these uh

2108
01:41:59,570 --> 01:41:56,420
kinds of things like oh plasma actually

2109
01:42:02,810 --> 01:41:59,580
meets the definitional criteria of life

2110
01:42:05,209 --> 01:42:02,820
um I see that a lot of people that leads

2111
01:42:07,609 --> 01:42:05,219
them to say um well therefore like it

2112
01:42:09,890 --> 01:42:07,619
seems like maybe these plasma forms are

2113
01:42:11,689 --> 01:42:09,900

alive and I find it's interesting

2114

01:42:13,669 --> 01:42:11,699

because me subjectively I go the

2115

01:42:16,070 --> 01:42:13,679

opposite direction uh naturally

2116

01:42:18,350 --> 01:42:16,080

instinctively I say to myself well

2117

01:42:20,270 --> 01:42:18,360

that's interesting if life can just be

2118

01:42:23,149 --> 01:42:20,280

this sort of like sequence of things

2119

01:42:26,330 --> 01:42:23,159

that is uh you know quantifiable

2120

01:42:28,250 --> 01:42:26,340

like what is life life perhaps life is

2121

01:42:30,050 --> 01:42:28,260

just I mean and I suspect it's the case

2122

01:42:32,270 --> 01:42:30,060

but life appears to be purely

2123

01:42:35,750 --> 01:42:32,280

mechanistic a series of natural

2124

01:42:38,209 --> 01:42:35,760

processes that whether uh entirely

2125

01:42:41,209 --> 01:42:38,219

determined uh as historically thought in

2126

01:42:43,310 --> 01:42:41,219

physics or subject to Randomness as we

2127

01:42:45,290 --> 01:42:43,320

now believe through Quantum uh physics

2128

01:42:49,250 --> 01:42:45,300

uh none of that has to do with anything

2129

01:42:51,530 --> 01:42:49,260

with uh Free Will in quotes uh so so you

2130

01:42:54,109 --> 01:42:51,540

know so it like uh for me when I hear

2131

01:42:55,910 --> 01:42:54,119

something like that I go one route which

2132

01:42:58,310 --> 01:42:55,920

is like kind of like everything's just

2133

01:42:59,689 --> 01:42:58,320

mechanistic everything's just natural uh

2134

01:43:02,649 --> 01:42:59,699

and that gives me a sense of Peace

2135

01:43:05,870 --> 01:43:02,659

fundamentally in one way uh that like

2136

01:43:07,609 --> 01:43:05,880

there isn't this uh all-powerful entity

2137

01:43:09,290 --> 01:43:07,619

sort of like waiting to judge me or

2138

01:43:10,850 --> 01:43:09,300

whatever there's a relief to that in my

2139

01:43:13,430 --> 01:43:10,860

mind and I understand the other way too

2140

01:43:17,270 --> 01:43:13,440

but um I I think that

2141

01:43:19,550 --> 01:43:17,280

the heart of the cosmology worldview of

2142

01:43:22,070 --> 01:43:19,560

the people perceiving these phenomena it

2143

01:43:23,629 --> 01:43:22,080

is so centrally important and I'm very

2144

01:43:25,810 --> 01:43:23,639

happy that we're sort of getting at this

2145

01:43:29,270 --> 01:43:25,820

in these conversations

2146

01:43:32,450 --> 01:43:29,280

yeah I'm totally with you

2147

01:43:38,030 --> 01:43:32,460

um well we are also now officially over

2148

01:43:39,950 --> 01:43:38,040

time so it's I think uh I think we'll

2149

01:43:41,330 --> 01:43:39,960

wrap things up

2150

01:43:43,669 --> 01:43:41,340

um before we do

2151
01:43:45,470 --> 01:43:43,679
Louis Campbell what's going on with you

2152
01:43:46,910 --> 01:43:45,480
guys

2153
01:43:48,030 --> 01:43:46,920
well people can head over to

2154
01:43:51,890 --> 01:43:48,040
uapstudy.com

2155
01:43:55,850 --> 01:43:53,570
Louis how are you

2156
01:43:57,590 --> 01:43:55,860
I'm actually reading a book called

2157
01:44:00,350 --> 01:43:57,600
secret rituals of the Men in Black by

2158
01:44:03,770 --> 01:44:00,360
Ellen Greenfield

2159
01:44:05,990 --> 01:44:03,780
um I think it's basically just

2160
01:44:08,510 --> 01:44:06,000
well I can I can talk more about it in a

2161
01:44:09,830 --> 01:44:08,520
future episode but uh this is like one

2162
01:44:12,770 --> 01:44:09,840
of those kind of playing with numbers

2163
01:44:14,390 --> 01:44:12,780

type of things like the Bible Code I

2164

01:44:16,729 --> 01:44:14,400

don't know if you're familiar with that

2165

01:44:19,669 --> 01:44:16,739

Saga

2166

01:44:20,990 --> 01:44:19,679

um I think that's what's going on here

2167

01:44:24,290 --> 01:44:21,000

but um

2168

01:44:26,450 --> 01:44:24,300

I've seen a video you know interview of

2169

01:44:29,090 --> 01:44:26,460

Greenfield he seems very

2170

01:44:30,770 --> 01:44:29,100

very sincere but um you know that's no

2171

01:44:34,850 --> 01:44:30,780

check on

2172

01:44:40,910 --> 01:44:38,510

yes sincerity but anyway it's a fun book

2173

01:44:44,930 --> 01:44:40,920

fantastic

2174

01:44:46,850 --> 01:44:44,940

I'm glad to hear it um so yeah uh we

2175

01:44:50,209 --> 01:44:46,860

will be returning to our normal time

2176

01:44:52,790 --> 01:44:50,219

next Wednesday uh November 16th 9 pm

2177

01:44:55,129 --> 01:44:52,800

Eastern 6 p.m Pacific we'll be welcoming

2178

01:44:57,410 --> 01:44:55,139

rather rather be squidding onto this

2179

01:44:58,729 --> 01:44:57,420

show for discussion I'm not totally sure

2180

01:45:00,350 --> 01:44:58,739

what we'll talk about

2181

01:45:02,629 --> 01:45:00,360

um hopefully something involving

2182

01:45:05,270 --> 01:45:02,639

non-human intelligence since that seems

2183

01:45:08,209 --> 01:45:05,280

to be what he's interested in right now

2184

01:45:10,970 --> 01:45:08,219

um and it's one of my favorite subjects

2185

01:45:12,350 --> 01:45:10,980

um that'd be great people can awesome

2186

01:45:14,510 --> 01:45:12,360

um so people can check out we have a

2187

01:45:16,910 --> 01:45:14,520

link to our Discord in the show

2188

01:45:18,950 --> 01:45:16,920

description I also find links to our

2189

01:45:21,050 --> 01:45:18,960

various and Sundry Twitter accounts and

2190

01:45:22,669 --> 01:45:21,060

blogs make sure to like share and

2191

01:45:25,370 --> 01:45:22,679

subscribe on the channel as we help

2192

01:45:26,990 --> 01:45:25,380

build our audience and uh finally if

2193

01:45:28,370 --> 01:45:27,000

there's any subjects or guests that any

2194

01:45:30,950 --> 01:45:28,380

of the audience are interested in us

2195

01:45:34,010 --> 01:45:30,960

meeting with talking about or exploring

2196

01:45:37,189 --> 01:45:34,020

together feel free to either leave a

2197

01:45:39,590 --> 01:45:37,199

comment or shoot me a message on Twitter