



1
00:00:09,560 --> 00:00:06,530
the planets brought the masters almost

2
00:00:13,489 --> 00:00:09,570
surely have a plan this clearly maybe

3
00:00:17,450 --> 00:00:13,499
something there beyond the realm of man

4
00:00:42,400 --> 00:00:20,670
you think you know the less you really

5
00:00:47,180 --> 00:00:44,870
all right I our side chatters as we

6
00:00:48,530 --> 00:00:47,190
continue to unravel the reality onion we

7
00:00:50,090 --> 00:00:48,540
find ourselves turning to the

8
00:00:51,560 --> 00:00:50,100
alternative four paradigms and

9
00:00:53,630 --> 00:00:51,570
possibilities that provide better

10
00:00:55,550 --> 00:00:53,640
explanations in areas the mainstream has

11
00:00:57,050 --> 00:00:55,560
steered us wrong and when we're talking

12
00:00:59,360 --> 00:00:57,060
about the sciences and our understanding

13
00:01:01,549 --> 00:00:59,370

of space and what makes up our reality

14

00:01:03,650 --> 00:01:01,559

one idea I keep coming back to is the

15

00:01:05,329 --> 00:01:03,660

electric universe in a nutshell it

16

00:01:08,090 --> 00:01:05,339

proposes that electricity not gravity

17

00:01:09,620 --> 00:01:08,100

per se is the primary operator in our

18

00:01:11,360 --> 00:01:09,630

universe and when you dig into the

19

00:01:12,980 --> 00:01:11,370

widespread implications of that and how

20

00:01:14,660 --> 00:01:12,990

it relates to many different aspects of

21

00:01:16,460 --> 00:01:14,670

the human story it can be quite

22

00:01:18,320 --> 00:01:16,470

compelling you might remember the show

23

00:01:19,760 --> 00:01:18,330

we did with David Talbott where he told

24

00:01:22,070 --> 00:01:19,770

us much about the electric universe

25

00:01:23,450 --> 00:01:22,080

model the plasma discharge patterns that

26
00:01:25,340 --> 00:01:23,460
would have been seen in the ancient sky

27
00:01:27,350 --> 00:01:25,350
and how this very well could have been

28
00:01:29,060 --> 00:01:27,360
the basis for ancient mythology and the

29
00:01:31,160 --> 00:01:29,070
symbols we see in many petroglyphs

30
00:01:32,870 --> 00:01:31,170
around the world well lucky for us today

31
00:01:34,639 --> 00:01:32,880
we have wal thornhill here the other

32
00:01:36,530 --> 00:01:34,649
half of the electric universe equation

33
00:01:38,120 --> 00:01:36,540
whose expertise is the scientific

34
00:01:39,710 --> 00:01:38,130
explanations for why the electric

35
00:01:41,780 --> 00:01:39,720
universe model makes the most sense

36
00:01:44,320 --> 00:01:41,790
while received a degree in physics at

37
00:01:46,399 --> 00:01:44,330
Melbourne University in 1964 and began

38
00:01:48,260 --> 00:01:46,409

postgraduate studies with Professor

39

00:01:50,120 --> 00:01:48,270

Victor hoppers upper atmosphere research

40

00:01:52,490 --> 00:01:50,130

group and he's been studying these

41

00:01:54,080 --> 00:01:52,500

things ever since he's the co-author of

42

00:01:55,969 --> 00:01:54,090

the books the electric universe and

43

00:01:58,160 --> 00:01:55,979

Thunderbolts of the Gods both with David

44

00:01:59,750 --> 00:01:58,170

Talbott as well as the co-founder of the

45

00:02:01,760 --> 00:01:59,760

Thunderbolts project the main hub for

46

00:02:03,710 --> 00:02:01,770

all things electric universe and he's

47

00:02:05,750 --> 00:02:03,720

given several impressive lectures and

48

00:02:07,250 --> 00:02:05,760

presentations on the topic as well it's

49

00:02:09,020 --> 00:02:07,260

an honor and a pleasure and I can't wait

50

00:02:11,240 --> 00:02:09,030

to dive into it while my man

51
00:02:13,940 --> 00:02:11,250
welcome to the higher side thanks very

52
00:02:16,460 --> 00:02:13,950
much Greg yeah thanks for doing it I do

53
00:02:18,110 --> 00:02:16,470
find all the things on David's side of

54
00:02:20,449 --> 00:02:18,120
the coin to be very interesting I think

55
00:02:22,280 --> 00:02:20,459
the case is strong for plasma discharge

56
00:02:24,110 --> 00:02:22,290
displays in the ancient sky being a

57
00:02:25,940 --> 00:02:24,120
major influence on the people of that

58
00:02:29,030 --> 00:02:25,950
day and their stories we refer to as

59
00:02:30,800 --> 00:02:29,040
mythology but if the science isn't there

60
00:02:32,690 --> 00:02:30,810
to support it then it all kind of falls

61
00:02:34,699 --> 00:02:32,700
flat so I'm anxious to hear the case

62
00:02:35,990 --> 00:02:34,709
made from your perspective and I guess

63
00:02:37,729 --> 00:02:36,000

to start we should probably give the

64

00:02:39,319 --> 00:02:37,739

people a bit of a refresher so can you

65

00:02:41,539 --> 00:02:39,329

define the electric universe paradigm

66

00:02:43,039 --> 00:02:41,549

for us and maybe contrast it with the

67

00:02:46,340 --> 00:02:43,049

conventional views how do you typically

68

00:02:50,030 --> 00:02:46,350

break people in well I think the thing

69

00:02:51,320 --> 00:02:50,040

to remember is and just goes back to the

70

00:02:53,320 --> 00:02:51,330

fact that we're not really taught the

71

00:02:57,010 --> 00:02:53,330

history of science is just a

72

00:02:59,290 --> 00:02:57,020

a story which makes us look good mm-hmm

73

00:03:01,150 --> 00:02:59,300

but if you go back and look at what some

74

00:03:04,620 --> 00:03:01,160

of the great names in the past were

75

00:03:07,390 --> 00:03:04,630

saying they actually were intuitively

76

00:03:10,510 --> 00:03:07,400

sensing the fact that electricity played

77

00:03:13,810 --> 00:03:10,520

the major role in people you know like

78

00:03:15,910 --> 00:03:13,820

Newton and Faraday Faraday himself felt

79

00:03:18,670 --> 00:03:15,920

that the electric force would explain

80

00:03:20,770 --> 00:03:18,680

gravity eventually and he said it would

81

00:03:23,740 --> 00:03:20,780

be a breakthrough of you know

82

00:03:26,440 --> 00:03:23,750

unimaginable scope mm-hmm and I think

83

00:03:28,690 --> 00:03:26,450

he's quite right the the way I came to

84

00:03:30,790 --> 00:03:28,700

it was reading Velikovsky's worlds in

85

00:03:33,940 --> 00:03:30,800

collision exactly the same as with David

86

00:03:38,140 --> 00:03:33,950

Talbot mm-hm hmm currently I was lucky

87

00:03:40,990 --> 00:03:38,150

because before I entered University I

88

00:03:43,930 --> 00:03:41,000

read that book and that inspired me to

89

00:03:45,580 --> 00:03:43,940

follow it up so when I was at university

90

00:03:47,199 --> 00:03:45,590

I was one of the I think I was the only

91

00:03:51,070 --> 00:03:47,209

science undergraduate who was in the

92

00:03:53,080 --> 00:03:51,080

shelves of the anthropology section just

93

00:03:57,100 --> 00:03:53,090

pulling books at random off the shelf

94

00:03:59,500 --> 00:03:57,110

and reading the stories of you know the

95

00:04:01,449 --> 00:03:59,510

most ancient peoples on earth mm-hmm the

96

00:04:04,150 --> 00:04:01,459

stories just slipped off the page at me

97

00:04:06,850 --> 00:04:04,160

when I looking at it from Velikovsky's

98

00:04:08,710 --> 00:04:06,860

point of view which is that the solar

99

00:04:11,470 --> 00:04:08,720

system does have a recent history and

100

00:04:15,250 --> 00:04:11,480

that all of the reverence for planetary

101
00:04:17,380 --> 00:04:15,260
gods for the earliest civilizations was

102
00:04:19,479 --> 00:04:17,390
real though they weren't just making

103
00:04:23,110 --> 00:04:19,489
stories up the stories were about the

104
00:04:25,510 --> 00:04:23,120
activities of planets mm-hmm so I've

105
00:04:29,080 --> 00:04:25,520
managed to I complete my degree and go

106
00:04:31,210 --> 00:04:29,090
on I began postgraduate work but by

107
00:04:32,710 --> 00:04:31,220
asking questions I was getting hostility

108
00:04:37,120 --> 00:04:32,720
I wasn't getting the answers I was

109
00:04:39,630 --> 00:04:37,130
satisfied with hmm so I decided that

110
00:04:44,560 --> 00:04:39,640
academia was no place for somebody who

111
00:04:47,770 --> 00:04:44,570
radical ideas and so I left and joined

112
00:04:49,150 --> 00:04:47,780
the computing fraternity with IBM first

113
00:04:50,320 --> 00:04:49,160

and then the Australian government and

114

00:04:51,159 --> 00:04:50,330

when I was with the Australian

115

00:04:53,490 --> 00:04:51,169

government I took the opportunity

116

00:04:56,920 --> 00:04:53,500

because I traveled the world many times

117

00:04:59,170 --> 00:04:56,930

to meet up with people who I felt had

118

00:05:01,149 --> 00:04:59,180

parts of the puzzle and that included

119

00:05:03,129 --> 00:05:01,159

Velikovsky himself

120

00:05:06,100 --> 00:05:03,139

and that was an important meeting

121

00:05:09,549 --> 00:05:06,110

because he very kindly accepted me and

122

00:05:12,369 --> 00:05:09,559

my family the three daughters and my

123

00:05:14,409 --> 00:05:12,379

wife at his home in Princeton Wow there

124

00:05:17,139 --> 00:05:14,419

was only six months before he died and

125

00:05:19,719 --> 00:05:17,149

of course he would have had no idea that

126

00:05:23,469 --> 00:05:19,729

I might pick up the baton that he was to

127

00:05:25,449 --> 00:05:23,479

drop shortly after and I was unaware of

128

00:05:29,109 --> 00:05:25,459

that fact too but the question I put to

129

00:05:31,570 --> 00:05:29,119

him was that because the major argument

130

00:05:33,820 --> 00:05:31,580

against him was merely one of stating

131

00:05:36,219 --> 00:05:33,830

that his work disobeyed Newton's laws

132

00:05:39,309 --> 00:05:36,229

what was it that we didn't understand

133

00:05:40,929 --> 00:05:39,319

about gravity hmm yes he had actually

134

00:05:43,779 --> 00:05:40,939

thought about that and written about it

135

00:05:46,959 --> 00:05:43,789

but he didn't want it you know broadcast

136

00:05:49,779 --> 00:05:46,969

because he was had reservations about it

137

00:05:52,269 --> 00:05:49,789

and in fact the basic idea I think came

138

00:05:55,889 --> 00:05:52,279

from one of these daughters but it

139

00:05:57,969 --> 00:05:55,899

basically boiled down to the fact that

140

00:05:59,919 --> 00:05:57,979

normal matter you know the matter that

141

00:06:03,489 --> 00:05:59,929

makes up you and I and everything around

142

00:06:05,409 --> 00:06:03,499

us is made up of neutral atoms if they

143

00:06:08,350 --> 00:06:05,419

weren't we'd all be electrically charged

144

00:06:10,509 --> 00:06:08,360

and be zapping everything we touched but

145

00:06:12,249 --> 00:06:10,519

these neutral atoms themselves are made

146

00:06:14,529 --> 00:06:12,259

up of electrical particles you know

147

00:06:17,259 --> 00:06:14,539

positive and negative and they can't

148

00:06:19,869 --> 00:06:17,269

occupy the same space at the same time

149

00:06:22,480 --> 00:06:19,879

this means that you can actually have

150

00:06:24,879 --> 00:06:22,490

atoms slightly distorted by their

151
00:06:27,459 --> 00:06:24,889
surroundings by nearby atoms and the

152
00:06:29,709 --> 00:06:27,469
earth itself and when they distorted

153
00:06:32,199 --> 00:06:29,719
they form tiny electric dipoles which

154
00:06:35,259 --> 00:06:32,209
are electrically neutral however they do

155
00:06:37,359 --> 00:06:35,269
produce an electric force mm-hmm and it

156
00:06:39,579 --> 00:06:37,369
was that that he said explained how you

157
00:06:42,189 --> 00:06:39,589
can hold billions of tons of water in

158
00:06:44,679 --> 00:06:42,199
the atmosphere against the force of

159
00:06:46,540 --> 00:06:44,689
gravity because water droplets very

160
00:06:48,879 --> 00:06:46,550
small ones and much heavier than the air

161
00:06:52,299 --> 00:06:48,889
around them he said it's because they

162
00:06:54,159 --> 00:06:52,309
are dipolar molecules in other words

163
00:06:56,889 --> 00:06:54,169

they form tiny little electric dipoles

164

00:06:59,499 --> 00:06:56,899

and in the Earth's electric field that

165

00:07:01,269 --> 00:06:59,509

defies gravity intake and that's why you

166

00:07:03,459 --> 00:07:01,279

can have those huge thunderstorms that

167

00:07:06,699 --> 00:07:03,469

dump billions of tons of water on you in

168

00:07:08,290 --> 00:07:06,709

a few minutes that too is an electrical

169

00:07:10,749 --> 00:07:08,300

effect in other words the lightning

170

00:07:13,650 --> 00:07:10,759

discharges some of that electricity and

171

00:07:15,750 --> 00:07:13,660

all of a sudden you've got a downpour

172

00:07:18,090 --> 00:07:15,760

so all of these things made sense to me

173

00:07:20,700 --> 00:07:18,100

it was only two years later there was a

174

00:07:22,980 --> 00:07:20,710

tiny advertisement in the Scientific

175

00:07:25,080 --> 00:07:22,990

American it was called the Journal of

176

00:07:26,940 --> 00:07:25,090

classical physics and the very first

177

00:07:29,940 --> 00:07:26,950

article talked about the structure of

178

00:07:33,420 --> 00:07:29,950

the electron now this is an idea that

179

00:07:36,720 --> 00:07:33,430

particle physicists haven't cottoned

180

00:07:40,080 --> 00:07:36,730

onto they think the electron is a

181

00:07:42,540 --> 00:07:40,090

fundamental particle but this guy

182

00:07:44,760 --> 00:07:42,550

decided that no it was a repeated

183

00:07:47,730 --> 00:07:44,770

pattern it was just all particles are

184

00:07:51,240 --> 00:07:47,740

made up of orbiting systems of charge

185

00:07:53,670 --> 00:07:51,250

and when you do that all of a sudden you

186

00:07:57,090 --> 00:07:53,680

have an explanation for both magnetism

187

00:07:59,460 --> 00:07:57,100

and gravity now with all of this kind

188

00:08:01,680 --> 00:07:59,470

these kinds of simple ideas in mind it

189

00:08:03,300 --> 00:08:01,690

was possible then to look at the work

190

00:08:05,520 --> 00:08:03,310

that David Talbott had done which was

191

00:08:08,100 --> 00:08:05,530

quite incredible really mm-hmm

192

00:08:10,110 --> 00:08:08,110

he spent decades on that I spent decades

193

00:08:14,940 --> 00:08:10,120

coming from another angle and we met up

194

00:08:18,210 --> 00:08:14,950

finally in 1994 when I rang him in

195

00:08:19,980 --> 00:08:18,220

Portland Oregon and said somebody here

196

00:08:20,400 --> 00:08:19,990

wants a copy of your book the saturn

197

00:08:22,740 --> 00:08:20,410

myth

198

00:08:24,870 --> 00:08:22,750

and he said well ever print I told him

199

00:08:26,370 --> 00:08:24,880

what I was doing and he said oh you got

200

00:08:28,650 --> 00:08:26,380

something you'd like to present well I'm

201
00:08:30,360 --> 00:08:28,660
putting on the first international

202
00:08:32,550 --> 00:08:30,370
conference here in Portland when I said

203
00:08:34,529 --> 00:08:32,560
yes I have because I'd been spending

204
00:08:37,409 --> 00:08:34,539
some years in England with a group over

205
00:08:39,870 --> 00:08:37,419
there who were involved in post

206
00:08:41,640 --> 00:08:39,880
Velikovsky and studies if you like and I

207
00:08:43,380 --> 00:08:41,650
was being friends with some of the

208
00:08:46,140 --> 00:08:43,390
people working on the scientific aspect

209
00:08:48,270 --> 00:08:46,150
and it was there what I when I saw what

210
00:08:50,610 --> 00:08:48,280
David had done I realized immediately

211
00:08:53,730 --> 00:08:50,620
what he was showing were electrical

212
00:08:55,710 --> 00:08:53,740
effects between planets mm-hmm because

213
00:08:58,110 --> 00:08:55,720

he was showing venusaur in relationship

214

00:09:00,300 --> 00:08:58,120

to the earth and so on I caught up

215

00:09:02,310 --> 00:09:00,310

really when I said you may not remember

216

00:09:05,940 --> 00:09:02,320

me but 20 years ago we met at the

217

00:09:07,620 --> 00:09:05,950

conference in Hamilton Ontario it was

218

00:09:11,310 --> 00:09:07,630

the first international Velikovsky

219

00:09:14,250 --> 00:09:11,320

meeting and I'd been invited to that by

220

00:09:16,860 --> 00:09:14,260

David's brother as it turns out so I

221

00:09:19,620 --> 00:09:16,870

said to him I've seen your work I think

222

00:09:22,230 --> 00:09:19,630

how a combined story is far more

223

00:09:24,480 --> 00:09:22,240

powerful then either of us trying to

224

00:09:26,430 --> 00:09:24,490

work alone beyond the science and you on

225

00:09:27,270 --> 00:09:26,440

the reconstruction of the past history

226

00:09:30,690 --> 00:09:27,280

of the

227

00:09:33,690 --> 00:09:30,700

and I managed to convince him of that

228

00:09:36,210 --> 00:09:33,700

the euro so later when I camped on his

229

00:09:37,620 --> 00:09:36,220

office floor for a month in December

230

00:09:42,390 --> 00:09:37,630

while the water dripped outside

231

00:09:45,810 --> 00:09:42,400

insistently and we put on a a an

232

00:09:48,750 --> 00:09:45,820

international meeting in January 1997 it

233

00:09:51,030 --> 00:09:48,760

was and that was the start of the

234

00:09:53,550 --> 00:09:51,040

collaboration and we thought it would

235

00:09:56,760 --> 00:09:53,560

take off very quickly but it's taken an

236

00:09:59,310 --> 00:09:56,770

awful lot of work since then and I think

237

00:10:02,940 --> 00:09:59,320

it was not the time it only wasn't the

238

00:10:04,860 --> 00:10:02,950

time but now we've become as dave says a

239

00:10:06,840 --> 00:10:04,870

movement because you know qualified

240

00:10:08,520 --> 00:10:06,850

scientists and engineers and all sorts

241

00:10:11,490 --> 00:10:08,530

of people in all different different

242

00:10:14,000 --> 00:10:11,500

disciplines are joining us because this

243

00:10:16,560 --> 00:10:14,010

is a science which has no boundaries

244

00:10:18,690 --> 00:10:16,570

you can cross disciplines easily because

245

00:10:21,840 --> 00:10:18,700

you can see the connections once you

246

00:10:24,360 --> 00:10:21,850

have a big picture of how things seem to

247

00:10:26,250 --> 00:10:24,370

work everyone and everyone can

248

00:10:29,070 --> 00:10:26,260

understand it then they can see what

249

00:10:31,080 --> 00:10:29,080

their role could be in furthering what

250

00:10:33,090 --> 00:10:31,090

we're doing and that's one of the most

251
00:10:35,640 --> 00:10:33,100
exciting things about it now that we're

252
00:10:39,930 --> 00:10:35,650
actually doing a multibillion-dollar

253
00:10:41,610 --> 00:10:39,940
experiment in from Canada to show that

254
00:10:44,130 --> 00:10:41,620
the Sun is not what we think it is and

255
00:10:46,829 --> 00:10:44,140
this all boils down to the fact that if

256
00:10:49,640 --> 00:10:46,839
the universe is driven electrically then

257
00:10:52,110 --> 00:10:49,650
stars are not thermonuclear

258
00:10:53,900 --> 00:10:52,120
gravitational bodies in fact when you

259
00:10:56,880 --> 00:10:53,910
look at the idea you realize just how

260
00:10:59,010 --> 00:10:56,890
desperate it was it was a desperate

261
00:11:01,079 --> 00:10:59,020
attempt by sight as a century ago to

262
00:11:04,590 --> 00:11:01,089
explain how the Sun could keep shining

263
00:11:07,320 --> 00:11:04,600

for so long without running out of fuel

264

00:11:08,820 --> 00:11:07,330

because it was a fuse like a fire in the

265

00:11:11,220 --> 00:11:08,830

sky you know the old camp fire in the

266

00:11:14,880 --> 00:11:11,230

sky mm-hmm no idea that it had to be

267

00:11:16,770 --> 00:11:14,890

self-sufficient but the eunuch universe

268

00:11:19,650 --> 00:11:16,780

is one of connectivity everything is

269

00:11:21,630 --> 00:11:19,660

connected and in the case of stars

270

00:11:26,250 --> 00:11:21,640

they're connected to the Galaxy itself

271

00:11:28,590 --> 00:11:26,260

by electrical filaments which connect

272

00:11:30,990 --> 00:11:28,600

everything they've only just begun to

273

00:11:32,610 --> 00:11:31,000

discover them radio astronomers have

274

00:11:34,740 --> 00:11:32,620

known about them for a while but the

275

00:11:37,440 --> 00:11:34,750

establishment was unwilling to give any

276

00:11:39,079 --> 00:11:37,450

credence to the data that had been

277

00:11:41,509 --> 00:11:39,089

collected and been analyzed

278

00:11:44,389 --> 00:11:41,519

by one radio astronomer in particular

279

00:11:46,040 --> 00:11:44,399

Jarrett Duchschere who said that they

280

00:11:50,090 --> 00:11:46,050

could only be explained in terms of

281

00:11:52,879 --> 00:11:50,100

plasma electrical plasma effects that

282

00:11:54,439 --> 00:11:52,889

hasn't yet seeped in they found that the

283

00:11:58,340 --> 00:11:54,449

there are these filaments connecting

284

00:12:00,610 --> 00:11:58,350

stars in the galaxy and locally and they

285

00:12:03,619 --> 00:12:00,620

discovered that the boundary of the Sun

286

00:12:05,360 --> 00:12:03,629

with the galaxies is odd it wasn't what

287

00:12:06,889 --> 00:12:05,370

they expected it fitted none of the

288

00:12:08,480 --> 00:12:06,899

theories I think they're about 18

289

00:12:14,689 --> 00:12:08,490

different theories at the time and not

290

00:12:16,369 --> 00:12:14,699

one of them matched except mine so this

291

00:12:18,439 --> 00:12:16,379

is you know just sort of an outline of

292

00:12:20,530 --> 00:12:18,449

what the electric universe is about it's

293

00:12:22,850 --> 00:12:20,540

about simplification which is what the

294

00:12:25,220 --> 00:12:22,860

scientists of the 19th century were all

295

00:12:29,210 --> 00:12:25,230

about we lost that in the 20th century

296

00:12:32,569 --> 00:12:29,220

when we entered an age of neo

297

00:12:34,189 --> 00:12:32,579

Pythagorean the Pythagoras idea that you

298

00:12:35,259 --> 00:12:34,199

can explain everything in terms of

299

00:12:38,389 --> 00:12:35,269

geometry

300

00:12:40,189 --> 00:12:38,399

that's why Einstein or where Einstein

301

00:12:40,340 --> 00:12:40,199

went with his idea of what space and so

302

00:12:44,090 --> 00:12:40,350

on

303

00:12:46,129 --> 00:12:44,100

mm-hmm but that is a dead end because it

304

00:12:47,720 --> 00:12:46,139

describes things mathematics can

305

00:12:50,780 --> 00:12:47,730

describe things and it's very powerful

306

00:12:54,259 --> 00:12:50,790

though it's very useful but it can't

307

00:12:56,360 --> 00:12:54,269

explain things so you've got to have the

308

00:12:57,949 --> 00:12:56,370

correct ideas in place first and then

309

00:13:00,079 --> 00:12:57,959

apply the mathematics and then it's

310

00:13:02,179 --> 00:13:00,089

really powerful mm-hmm because you can

311

00:13:04,100 --> 00:13:02,189

see new ways of looking at things and

312

00:13:09,519 --> 00:13:04,110

get information that you would otherwise

313

00:13:12,980 --> 00:13:09,529

be inaccessible just by observation so I

314

00:13:15,259 --> 00:13:12,990

have been I'm afraid but now it's not

315

00:13:17,569 --> 00:13:15,269

the old exam question you know you have

316

00:13:22,999 --> 00:13:17,579

one out described the universe and give

317

00:13:25,280 --> 00:13:23,009

another example well said yeah I am so

318

00:13:27,799 --> 00:13:25,290

curious about it I do like everything I

319

00:13:30,739 --> 00:13:27,809

hear and I guess a lot of people might

320

00:13:32,929 --> 00:13:30,749

be surprised to realize that a lot of

321

00:13:36,319 --> 00:13:32,939

things they might consider to be quote

322

00:13:38,119 --> 00:13:36,329

settled science actually are just kind

323

00:13:40,730 --> 00:13:38,129

of ideas that really haven't been backed

324

00:13:43,189 --> 00:13:40,740

up in a lot of cases and I guess I would

325

00:13:45,769 --> 00:13:43,199

ask you what holes are there in the

326

00:13:49,220 --> 00:13:45,779

conventional model that the electric

327

00:13:50,960 --> 00:13:49,230

universe model fills in I should say to

328

00:13:52,500 --> 00:13:50,970

begin way that there is no such thing as

329

00:13:58,480 --> 00:13:52,510

settled science

330

00:14:01,480 --> 00:13:58,490

it's a lock see more on the electric

331

00:14:03,490 --> 00:14:01,490

universe uses quite heavily the

332

00:14:06,040 --> 00:14:03,500

peer-reviewed work of plasma

333

00:14:07,720 --> 00:14:06,050

cosmologists and plasma cosmologists

334

00:14:12,490 --> 00:14:07,730

have been working in the laboratory for

335

00:14:14,800 --> 00:14:12,500

decades since well almost a century ago

336

00:14:17,170 --> 00:14:14,810

looking at the effects of electrical

337

00:14:19,810 --> 00:14:17,180

discharges in a very thin gas or the

338

00:14:21,460 --> 00:14:19,820

vacuum of space if you like and they

339

00:14:25,000 --> 00:14:21,470

were able to show that you can explain

340

00:14:28,300 --> 00:14:25,010

great galaxies spiral galaxies their

341

00:14:32,170 --> 00:14:28,310

shape their rotation and so on without

342

00:14:33,790 --> 00:14:32,180

even using gravity when they put gravity

343

00:14:37,269 --> 00:14:33,800

into the mix it didn't it made no

344

00:14:40,120 --> 00:14:37,279

difference so it shows you that galaxies

345

00:14:41,889 --> 00:14:40,130

at that scale the electromagnetic forces

346

00:14:44,860 --> 00:14:41,899

of the electric currents flowing through

347

00:14:46,750 --> 00:14:44,870

the universe dominate so you can forget

348

00:14:48,460 --> 00:14:46,760

about gravity and that's why the

349

00:14:51,910 --> 00:14:48,470

gravitational theorists had to invent

350

00:14:53,980 --> 00:14:51,920

Dark Matter to make up the deficit in

351
00:14:58,630 --> 00:14:53,990
their model the deficit is there because

352
00:15:00,400 --> 00:14:58,640
the concepts that underpin it invalid so

353
00:15:03,130 --> 00:15:00,410
the question then is well what's this

354
00:15:05,250 --> 00:15:03,140
huge concentration of mass at the center

355
00:15:09,010 --> 00:15:05,260
of a galaxy if it's not a black hole

356
00:15:11,170 --> 00:15:09,020
well one of our team here steamed Steve

357
00:15:13,090 --> 00:15:11,180
brothers and other Australian has shown

358
00:15:15,699 --> 00:15:13,100
that the theory of black holes is

359
00:15:18,400 --> 00:15:15,709
actually full of mathematical holes a

360
00:15:21,070 --> 00:15:18,410
lot of meaningless terms are involved

361
00:15:23,019 --> 00:15:21,080
this is one of the dangers you look at

362
00:15:25,960 --> 00:15:23,029
the blackboard full of mathematical

363
00:15:28,140 --> 00:15:25,970

symbols unless the lecturer can explain

364

00:15:31,360 --> 00:15:28,150

each of those symbols in physical terms

365

00:15:33,130 --> 00:15:31,370

then there's no necessity to believe

366

00:15:36,340 --> 00:15:33,140

anything that comes out of that we'll

367

00:15:39,010 --> 00:15:36,350

let those equations so the plasma

368

00:15:42,310 --> 00:15:39,020

cosmologists show that the spiral arms

369

00:15:47,140 --> 00:15:42,320

of a galaxy are due to what's known as a

370

00:15:49,120 --> 00:15:47,150

plasma pinch effect and that is when the

371

00:15:51,069 --> 00:15:49,130

currents I should say flow through the

372

00:15:53,170 --> 00:15:51,079

universe like twisted pairs now

373

00:15:55,540 --> 00:15:53,180

engineers know that a twisted pair of

374

00:15:58,510 --> 00:15:55,550

wires is the most efficient way of

375

00:16:00,550 --> 00:15:58,520

transferring energy down to wires

376

00:16:03,010 --> 00:16:00,560

without loss and the University was

377

00:16:05,019 --> 00:16:03,020

their first they did it in the universe

378

00:16:05,800 --> 00:16:05,029

digital it knows how to do it nature

379

00:16:08,200 --> 00:16:05,810

never does things

380

00:16:10,750 --> 00:16:08,210

the hard way now when two of those

381

00:16:13,630 --> 00:16:10,760

filaments they're huge

382

00:16:14,560 --> 00:16:13,640

by the way when two of them come close

383

00:16:17,860 --> 00:16:14,570

to one another

384

00:16:19,900 --> 00:16:17,870

they interact magnetically and draw each

385

00:16:21,730 --> 00:16:19,910

other together until they form they go

386

00:16:24,490 --> 00:16:21,740

into a dance if you like up around one

387

00:16:26,880 --> 00:16:24,500

another and they pinch together and

388

00:16:28,810 --> 00:16:26,890

electric currents flow from the

389

00:16:31,180 --> 00:16:28,820

depending on which way you look at

390

00:16:33,850 --> 00:16:31,190

current flow flow the electron flows

391

00:16:36,460 --> 00:16:33,860

goes from the outside to the inside and

392

00:16:38,890 --> 00:16:36,470

so at the Centers of galaxies there's

393

00:16:43,480 --> 00:16:38,900

not a black hole there is a thing called

394

00:16:45,340 --> 00:16:43,490

a plasma focus a dense plasma focus it's

395

00:16:47,920 --> 00:16:45,350

where the plasma is densest and this is

396

00:16:52,380 --> 00:16:47,930

where you get all of these effects which

397

00:16:54,940 --> 00:16:52,390

look like a massive object however

398

00:16:56,920 --> 00:16:54,950

Einstein or the equation that is

399

00:16:58,780 --> 00:16:56,930

attributed to Einstein the equals

400

00:17:02,920 --> 00:16:58,790

mc-squared the one that everyone knows

401
00:17:05,800 --> 00:17:02,930
and nobody understands says that energy

402
00:17:07,510 --> 00:17:05,810
and mass are equivalent now in the dense

403
00:17:11,470 --> 00:17:07,520
plasma focus you have a thing shaped

404
00:17:13,630 --> 00:17:11,480
like a doughnut where the electric

405
00:17:15,939 --> 00:17:13,640
currents are twisted as tightly as you

406
00:17:18,340 --> 00:17:15,949
can imagine around one another and

407
00:17:20,949 --> 00:17:18,350
that's because of all the energy stored

408
00:17:23,530 --> 00:17:20,959
in that tiny little thing it appears

409
00:17:25,419 --> 00:17:23,540
extremely massive and its effect on the

410
00:17:28,120 --> 00:17:25,429
bodies around it appear as though it's

411
00:17:29,860 --> 00:17:28,130
extremely aggressive another aspect of

412
00:17:32,140 --> 00:17:29,870
these that the engineers know that

413
00:17:33,730 --> 00:17:32,150

worked on these plasma focuses and it's

414

00:17:36,790 --> 00:17:33,740

the sort of thing is that there's even a

415

00:17:39,490 --> 00:17:36,800

guy here in Canberra who had one in his

416

00:17:42,130 --> 00:17:39,500

garage here's a high voltage engineer he

417

00:17:45,400 --> 00:17:42,140

said another very easy to build anyway

418

00:17:47,740 --> 00:17:45,410

this tiny little donut becomes unstable

419

00:17:49,660 --> 00:17:47,750

at some point and it jax-ur jets along

420

00:17:51,730 --> 00:17:49,670

the axis and this is exactly what we see

421

00:17:53,620 --> 00:17:51,740

galaxies doing and exactly what black

422

00:17:56,830 --> 00:17:53,630

holes shouldn't be doing so it says most

423

00:17:58,510 --> 00:17:56,840

to suck everything in right so the

424

00:18:00,940 --> 00:17:58,520

evidence is just staring us in the face

425

00:18:03,490 --> 00:18:00,950

that the gravitational model of galaxies

426
00:18:06,390 --> 00:18:03,500
is incorrect that this comes down then

427
00:18:09,760 --> 00:18:06,400
to the human aspect in science and

428
00:18:13,120 --> 00:18:09,770
because of the specialization the way we

429
00:18:16,000 --> 00:18:13,130
train people these days their ability to

430
00:18:18,710 --> 00:18:16,010
see the big picture is actually disabled

431
00:18:22,250 --> 00:18:18,720
it's this concentration on detail

432
00:18:24,100 --> 00:18:22,260
like a chicken pecking first seeds in

433
00:18:26,570 --> 00:18:24,110
the dirt

434
00:18:27,950 --> 00:18:26,580
this concentration on detail that

435
00:18:30,890 --> 00:18:27,960
doesn't allow them to see the big

436
00:18:34,130 --> 00:18:30,900
picture right and as a well-known

437
00:18:36,410 --> 00:18:34,140
psychiatrist said this kind of left

438
00:18:39,020 --> 00:18:36,420

brain thinking is the kind that is

439

00:18:41,930 --> 00:18:39,030

required for survival on the part of the

440

00:18:44,480 --> 00:18:41,940

chicken but it's the right hemisphere

441

00:18:46,070 --> 00:18:44,490

which has a global it keeps an eye out

442

00:18:48,920 --> 00:18:46,080

so that the chicken doesn't become

443

00:18:51,170 --> 00:18:48,930

somebody else's dinner well it seems

444

00:18:52,970 --> 00:18:51,180

that the way we educate students these

445

00:18:56,120 --> 00:18:52,980

days in mathematics and that gives them

446

00:18:58,100 --> 00:18:56,130

the left hemisphere dominance which

447

00:19:01,780 --> 00:18:58,110

inhibits this ability to actually see

448

00:19:04,160 --> 00:19:01,790

what's right in front of them right so

449

00:19:06,830 --> 00:19:04,170

yeah we have to change our ways we have

450

00:19:08,810 --> 00:19:06,840

to change the way we train people the

451
00:19:10,880 --> 00:19:08,820
old classical model of Education where

452
00:19:12,950 --> 00:19:10,890
you did a bit of everything you know you

453
00:19:15,260 --> 00:19:12,960
did the arts as well as the sciences is

454
00:19:17,600 --> 00:19:15,270
actually the kind of thing that I think

455
00:19:19,370 --> 00:19:17,610
we have to return to and I think a lot

456
00:19:22,040 --> 00:19:19,380
of students would be happy with that - I

457
00:19:24,380 --> 00:19:22,050
agree yes separating everything has

458
00:19:27,290 --> 00:19:24,390
really set us back in a lot of ways used

459
00:19:29,690 --> 00:19:27,300
and in one of your presentations you say

460
00:19:32,120 --> 00:19:29,700
that the solar nebula model has no

461
00:19:33,380 --> 00:19:32,130
successful predictions to its name and

462
00:19:36,740 --> 00:19:33,390
that sounds like a pretty bold statement

463
00:19:39,530 --> 00:19:36,750

what exactly do you mean by that what I

464

00:19:43,280 --> 00:19:39,540

mean is it's never been shown how you

465

00:19:47,930 --> 00:19:43,290

form a single planet in the vastness of

466

00:19:50,630 --> 00:19:47,940

space from a disk you imagine where the

467

00:19:52,430 --> 00:19:50,640

earth is now there's a disk of dust and

468

00:19:56,030 --> 00:19:52,440

gas that stretches right around the Sun

469

00:19:59,960 --> 00:19:56,040

in our orbit there is no real way to

470

00:20:04,880 --> 00:19:59,970

make that dust coalesce to form a single

471

00:20:06,590 --> 00:20:04,890

planet and I mean I attend astrophysics

472

00:20:09,680 --> 00:20:06,600

seminars of the research school here at

473

00:20:12,830 --> 00:20:09,690

the National University and we had a an

474

00:20:16,010 --> 00:20:12,840

expert on the solar system and the

475

00:20:17,510 --> 00:20:16,020

planets and planetary formation and he

476

00:20:20,270 --> 00:20:17,520

admitted that you need a different

477

00:20:23,210 --> 00:20:20,280

theory for every planet now this shows

478

00:20:26,930 --> 00:20:23,220

that the model that they use that

479

00:20:29,510 --> 00:20:26,940

gravitational accretion model is in

480

00:20:32,180 --> 00:20:29,520

serious doubt but this is not admitted

481

00:20:34,160 --> 00:20:32,190

what happens is that people then

482

00:20:35,900 --> 00:20:34,170

using the left hemisphere approach again

483

00:20:37,340 --> 00:20:35,910

the left brain approach they go in front

484

00:20:39,710 --> 00:20:37,350

of their computers and they build models

485

00:20:41,600 --> 00:20:39,720

and try and make it work and they can

486

00:20:42,890 --> 00:20:41,610

make all kinds of assumptions it doesn't

487

00:20:46,130 --> 00:20:42,900

matter they just add more and more

488

00:20:48,410 --> 00:20:46,140

variables and this is one reason why the

489

00:20:51,860 --> 00:20:48,420

Big Bang model has more variables than

490

00:20:55,340 --> 00:20:51,870

it has actually information in other

491

00:20:58,850 --> 00:20:55,350

words it's a failing paradigm mm-hmm

492

00:21:02,300 --> 00:20:58,860

now with the planets the thing is that

493

00:21:06,020 --> 00:21:02,310

when the infrared telescopes in space

494

00:21:09,170 --> 00:21:06,030

began to peer into the clouds in deep

495

00:21:10,670 --> 00:21:09,180

space where stars are forming they were

496

00:21:13,670 --> 00:21:10,680

surprised to find that they're forming

497

00:21:15,350 --> 00:21:13,680

in strings like beads on a string now

498

00:21:18,170 --> 00:21:15,360

this is precisely what the plasma

499

00:21:20,510 --> 00:21:18,180

cosmologists said would happen because

500

00:21:23,780 --> 00:21:20,520

stars form rather like the galaxies

501
00:21:25,940 --> 00:21:23,790
forms in pinches along these electrical

502
00:21:29,270 --> 00:21:25,950
currents through the cloud so if you

503
00:21:32,900 --> 00:21:29,280
like you can imagine lightning in an

504
00:21:34,820 --> 00:21:32,910
earthly cloud well lightning can form a

505
00:21:37,520 --> 00:21:34,830
bead lightning if it's sufficiently

506
00:21:39,200 --> 00:21:37,530
powerful mm-hmm that means you get

507
00:21:40,940 --> 00:21:39,210
little bright blobs of weather channel

508
00:21:42,860 --> 00:21:40,950
breaks up and this appears to be what

509
00:21:47,360 --> 00:21:42,870
happens in those molecular clouds in

510
00:21:50,840 --> 00:21:47,370
deep space now there is no reason at all

511
00:21:53,630 --> 00:21:50,850
to suggest that only stars are formed in

512
00:21:57,170 --> 00:21:53,640
that pinch any bodies down to any size

513
00:21:59,230 --> 00:21:57,180

can form in that same event and this is

514

00:22:02,420 --> 00:21:59,240

precisely the electric universe model

515

00:22:05,150 --> 00:22:02,430

once the lightning fades if you like to

516

00:22:07,100 --> 00:22:05,160

put it that way gravity then does begin

517

00:22:09,920 --> 00:22:07,110

to take over and these bodies then

518

00:22:11,930 --> 00:22:09,930

assume partnerships and this is why the

519

00:22:13,610 --> 00:22:11,940

solar system looks like a fruit salad

520

00:22:15,500 --> 00:22:13,620

you know yeah there is no gradation of

521

00:22:18,260 --> 00:22:15,510

properties from the inside to the

522

00:22:20,630 --> 00:22:18,270

outside they're all individuals if you

523

00:22:24,290 --> 00:22:20,640

like like a blended family right and

524

00:22:26,750 --> 00:22:24,300

this is important from the view of David

525

00:22:29,780 --> 00:22:26,760

Talbots reconstruction of the recent

526

00:22:31,970 --> 00:22:29,790

history of the solar system and also the

527

00:22:34,700 --> 00:22:31,980

incredible amount of research and

528

00:22:36,320 --> 00:22:34,710

documentation that's been done by one of

529

00:22:39,260 --> 00:22:36,330

our colleagues duardo Cardona

530

00:22:40,790 --> 00:22:39,270

in his star series of books and if you

531

00:22:42,380 --> 00:22:40,800

want to know what the recent history of

532

00:22:44,540 --> 00:22:42,390

the solar system and the earth were and

533

00:22:47,480 --> 00:22:44,550

humanity was really all about

534

00:22:50,270 --> 00:22:47,490

I would recommend that you begin to read

535

00:22:52,760 --> 00:22:50,280

the writing card owners books they're

536

00:22:54,920 --> 00:22:52,770

very readable highly heavily documented

537

00:22:56,840 --> 00:22:54,930

if you want to chase things up and they

538

00:22:59,720 --> 00:22:56,850

make sense and it was his work that I

539

00:23:02,180 --> 00:22:59,730

used as a basis for trying to explain

540

00:23:04,760 --> 00:23:02,190

using the physics of the electric

541

00:23:06,740 --> 00:23:04,770

universe because I felt that if I

542

00:23:09,440 --> 00:23:06,750

couldn't do that then we we're in real

543

00:23:12,470 --> 00:23:09,450

trouble and I finally managed to do that

544

00:23:14,150 --> 00:23:12,480

just a few years ago I mean it took that

545

00:23:16,100 --> 00:23:14,160

long to figure out how you could

546

00:23:19,420 --> 00:23:16,110

actually form the strange things that

547

00:23:23,360 --> 00:23:19,430

were recorded and memorized and

548

00:23:26,390 --> 00:23:23,370

memorialized by the ancients it's it's a

549

00:23:29,270 --> 00:23:26,400

picture which our science fiction's any

550

00:23:31,550 --> 00:23:29,280

science fiction story but it can be

551
00:23:33,370 --> 00:23:31,560
supported about scientifically now and

552
00:23:37,460 --> 00:23:33,380
through the myth or historical

553
00:23:40,070 --> 00:23:37,470
reconstructions right I definitely want

554
00:23:41,870 --> 00:23:40,080
to get into the radically different

555
00:23:43,820 --> 00:23:41,880
history of our own solar system as

556
00:23:47,750 --> 00:23:43,830
described in this paradigm because it is

557
00:23:50,120 --> 00:23:47,760
so different than then what we're told

558
00:23:52,930 --> 00:23:50,130
but I'm curious you know talking about

559
00:23:55,640 --> 00:23:52,940
the way that planets form that they are

560
00:23:58,400 --> 00:23:55,650
formed somewhat suddenly and violently

561
00:24:00,830 --> 00:23:58,410
from larger bodies rather than slowly

562
00:24:03,590 --> 00:24:00,840
formed over millions of years has a

563
00:24:05,540 --> 00:24:03,600

planet birthing as described in the

564

00:24:08,120 --> 00:24:05,550

electric universe model ever been

565

00:24:10,700 --> 00:24:08,130

observed well one of the things that we

566

00:24:12,860 --> 00:24:10,710

observed with their own Sun this is that

567

00:24:16,280 --> 00:24:12,870

it can eject billions of tons of matter

568

00:24:19,490 --> 00:24:16,290

in these coronal mass ejection events

569

00:24:23,480 --> 00:24:19,500

they call them and at very high velocity

570

00:24:25,790 --> 00:24:23,490

so it's not true that you can't form

571

00:24:28,790 --> 00:24:25,800

objects by one giving birth to another

572

00:24:31,760 --> 00:24:28,800

and in the electrical model of stars

573

00:24:34,580 --> 00:24:31,770

this is actually what we expect one of

574

00:24:39,140 --> 00:24:34,590

the reasons why stars have a cutoff in

575

00:24:41,030 --> 00:24:39,150

size the other aspect is that when we

576

00:24:44,480 --> 00:24:41,040

look out into space and we look at other

577

00:24:47,540 --> 00:24:44,490

planetary systems and we see stars with

578

00:24:50,360 --> 00:24:47,550

rings of dust around them we assume that

579

00:24:52,790 --> 00:24:50,370

that is gravitational accretion the

580

00:24:54,950 --> 00:24:52,800

electric universe says no no that is

581

00:24:57,920 --> 00:24:54,960

actually the result of that star having

582

00:25:01,190 --> 00:24:57,930

expelled material and it goes into orbit

583

00:25:05,090 --> 00:25:01,200

about it now in the process of expulsion

584

00:25:07,160 --> 00:25:05,100

the forces involved generally give you a

585

00:25:09,800 --> 00:25:07,170

backing up of the material so to form

586

00:25:12,920 --> 00:25:09,810

one large object or maybe a couple of

587

00:25:15,530 --> 00:25:12,930

fairly large objects and they'll be

588

00:25:18,650 --> 00:25:15,540

embedded in a ring of dust initially and

589

00:25:21,080 --> 00:25:18,660

it also we have the record of the

590

00:25:23,630 --> 00:25:21,090

ancients and their description of the

591

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

birth of venus and of course bert and

592

00:25:27,980 --> 00:25:25,650

venus is a very hot object as if it had

593

00:25:30,800 --> 00:25:27,990

been born from a body you know from the

594

00:25:34,090 --> 00:25:30,810

bulk of the body right this fits the

595

00:25:36,470 --> 00:25:34,100

electrical model that when i star

596

00:25:38,480 --> 00:25:36,480

suffers a sudden change in this

597

00:25:40,880 --> 00:25:38,490

electrical environment it has to adjust

598

00:25:43,010 --> 00:25:40,890

and the best way of adjusting is to get

599

00:25:45,440 --> 00:25:43,020

rid of charge and that charge is in the

600

00:25:48,500 --> 00:25:45,450

form of matter the actual material of

601
00:25:49,610 --> 00:25:48,510
the star itself and says what it is an

602
00:25:51,830 --> 00:25:49,620
electrical discharge

603
00:25:54,920 --> 00:25:51,840
removes that material bit like an arc

604
00:25:58,220 --> 00:25:54,930
welder and you can weld against gravity

605
00:26:00,860 --> 00:25:58,230
you can weld uphill if you like hmm

606
00:26:02,450 --> 00:26:00,870
sorry about that no worries we were

607
00:26:05,720 --> 00:26:02,460
talking about Venus and I was gonna say

608
00:26:08,270 --> 00:26:05,730
Venus is an interesting body in this

609
00:26:10,550 --> 00:26:08,280
paradigm because it seems like according

610
00:26:13,730 --> 00:26:10,560
to your akyuu never smaadahl it's the

611
00:26:15,440 --> 00:26:13,740
youngest body in our solar system and

612
00:26:17,710 --> 00:26:15,450
also I guess I've heard you talk about

613
00:26:19,910 --> 00:26:17,720

some type of charge that can be detected

614

00:26:23,630 --> 00:26:19,920

between Venus and the earth if I'm not

615

00:26:26,300 --> 00:26:23,640

mistaken yes that's so that's right the

616

00:26:30,560 --> 00:26:26,310

Venus when when these objects are born

617

00:26:32,960 --> 00:26:30,570

from I objected from a star it's the

618

00:26:35,810 --> 00:26:32,970

initial effect is rather like two gears

619

00:26:38,060 --> 00:26:35,820

meshing and you imagine in this case

620

00:26:40,730 --> 00:26:38,070

we're talking about proto saturn as we

621

00:26:43,460 --> 00:26:40,740

call it the brown dwarf star that became

622

00:26:45,380 --> 00:26:43,470

the planet certain right

623

00:26:47,300 --> 00:26:45,390

in the process of adjusting to its new

624

00:26:48,010 --> 00:26:47,310

electrical environment and within the

625

00:26:52,010 --> 00:26:48,020

sun's

626
00:26:53,960 --> 00:26:52,020
electrical neighborhood it had suddenly

627
00:26:56,660 --> 00:26:53,970
to change from being a star to being

628
00:26:59,540 --> 00:26:56,670
what it wasn't affected giant comet and

629
00:27:02,450 --> 00:26:59,550
comets we know spit material out this is

630
00:27:05,990 --> 00:27:02,460
part of the electrical discharge effect

631
00:27:08,420 --> 00:27:06,000
and it was dramatic in the case of

632
00:27:08,920 --> 00:27:08,430
Saturn because he got two stars fighting

633
00:27:12,370 --> 00:27:08,930
over

634
00:27:15,310 --> 00:27:12,380
power supply and satin of course lost

635
00:27:18,670 --> 00:27:15,320
because it was the smaller of body now

636
00:27:20,980 --> 00:27:18,680
when this body is ejected it has a

637
00:27:23,220 --> 00:27:20,990
slight backward kick and this explains

638
00:27:26,320 --> 00:27:23,230

why Venus has this retrograde rotation

639

00:27:29,230 --> 00:27:26,330

hmm also it explains its great heat I

640

00:27:30,880 --> 00:27:29,240

mean what are they say 800 degrees

641

00:27:33,780 --> 00:27:30,890

Fahrenheit or something at the surface

642

00:27:36,370 --> 00:27:33,790

it's it's enough to melt some metals

643

00:27:39,640 --> 00:27:36,380

also it has a young surface now the

644

00:27:41,500 --> 00:27:39,650

standard idea was art so the resurfacing

645

00:27:43,450 --> 00:27:41,510

event must have occurred and the latest

646

00:27:45,730 --> 00:27:43,460

one is I must have been hit by some

647

00:27:50,290 --> 00:27:45,740

large body and everything melted these

648

00:27:52,930 --> 00:27:50,300

are just ad hoc stories with no no

649

00:27:55,270 --> 00:27:52,940

nothing to back them up at all just a

650

00:27:57,550 --> 00:27:55,280

story to try and cover up the cracks in

651

00:28:01,090 --> 00:27:57,560

the in the stone in the actual model

652

00:28:02,940 --> 00:28:01,100

itself but all of the facts fit and also

653

00:28:07,750 --> 00:28:02,950

around Venus you've got this equatorial

654

00:28:10,330 --> 00:28:07,760

belt of elementary scars which were

655

00:28:14,710 --> 00:28:10,340

recorded by the Magellan orbiter with

656

00:28:18,580 --> 00:28:14,720

its radar and those scars are exactly

657

00:28:20,470 --> 00:28:18,590

the kind of phenomena you see in a an

658

00:28:22,600 --> 00:28:20,480

electrical discharge they call lists and

659

00:28:24,250 --> 00:28:22,610

varied figures the kind of things to say

660

00:28:27,520 --> 00:28:24,260

on a golf green where Lightning has

661

00:28:30,340 --> 00:28:27,530

struck the the flag and spread across

662

00:28:33,640 --> 00:28:30,350

the grass it's that sort of spidery

663

00:28:35,620 --> 00:28:33,650

effect and you know thick atmosphere

664

00:28:37,300 --> 00:28:35,630

like Venus has got that's precisely what

665

00:28:39,280 --> 00:28:37,310

would happen to any lightning it would

666

00:28:41,770 --> 00:28:39,290

split up into a long thin filament

667

00:28:43,000 --> 00:28:41,780

restricts and they stretch around the

668

00:28:45,880 --> 00:28:43,010

equator which is where you would expect

669

00:28:49,870 --> 00:28:45,890

the main discharge to a struck so all

670

00:28:52,150 --> 00:28:49,880

the evidence is right there right yeah I

671

00:28:55,990 --> 00:28:52,160

love this stuff and how does this model

672

00:28:58,330 --> 00:28:56,000

of planet berthing relate to planet

673

00:29:00,310 --> 00:28:58,340

composition because we're told of how

674

00:29:02,830 --> 00:29:00,320

they're formed in gravity a planet gets

675

00:29:06,060 --> 00:29:02,840

denser and denser towards its core might

676

00:29:09,370 --> 00:29:06,070

this be different in any significant way

677

00:29:11,080 --> 00:29:09,380

well if we go back to what I was talking

678

00:29:13,990 --> 00:29:11,090

about the birth of stars and planets you

679

00:29:17,290 --> 00:29:14,000

know molecular cloud one of the very

680

00:29:20,860 --> 00:29:17,300

interesting effects that you get in that

681

00:29:22,390 --> 00:29:20,870

kind of accretion of a body is that the

682

00:29:26,500 --> 00:29:22,400

elements are so

683

00:29:27,909 --> 00:29:26,510

by the their electrical nature and the

684

00:29:30,700 --> 00:29:27,919

fact that it is an electrical or

685

00:29:32,740 --> 00:29:30,710

electromagnetic event and you get all

686

00:29:35,799 --> 00:29:32,750

the heavy elements at the center and

687

00:29:40,149 --> 00:29:35,809

they're cool by the way they're not hot

688

00:29:43,419 --> 00:29:40,159

and they radiate their energy away as it

689

00:29:46,529 --> 00:29:43,429

secreting and you get the lightest

690

00:29:49,390 --> 00:29:46,539

elements like hydrogen helium at the

691

00:29:52,299 --> 00:29:49,400

outside so that becomes the atmosphere

692

00:29:54,970 --> 00:29:52,309

of a large body or oxygen nitrogen and

693

00:29:58,029 --> 00:29:54,980

things like that for smaller bodies so

694

00:30:00,760 --> 00:29:58,039

it this also tells us that stars do not

695

00:30:02,409 --> 00:30:00,770

have hydrogen at their center I mean

696

00:30:04,799 --> 00:30:02,419

it's a crazy idea when you think about

697

00:30:07,330 --> 00:30:04,809

it that the lightest element there is

698

00:30:10,750 --> 00:30:07,340

would be at the core of a heavy body

699

00:30:12,310 --> 00:30:10,760

like a star it's just not so the heavy

700

00:30:14,500 --> 00:30:12,320

elements are all there they made just

701
00:30:16,630 --> 00:30:14,510
like planets and this is why when you

702
00:30:19,230 --> 00:30:16,640
look at a Sun SPOT it's dark

703
00:30:22,299 --> 00:30:19,240
beneath that glowing plasma sheath

704
00:30:24,130 --> 00:30:22,309
that's all it is it's the Sun of sums

705
00:30:26,169 --> 00:30:24,140
like a ball of lightning and we see the

706
00:30:29,440 --> 00:30:26,179
like tops of the lightning which is that

707
00:30:31,120 --> 00:30:29,450
granular effect and where it clears in

708
00:30:33,970 --> 00:30:31,130
other words a discharge goes straight

709
00:30:36,700 --> 00:30:33,980
through from above down through that to

710
00:30:39,460 --> 00:30:36,710
the lower levels it's darker down there

711
00:30:41,889 --> 00:30:39,470
and you can actually see in some of the

712
00:30:47,440 --> 00:30:41,899
best telescopic views that inside that

713
00:30:49,240 --> 00:30:47,450

black sunspot is brighter smaller dots

714

00:30:51,880 --> 00:30:49,250

in other words that's where that becomes

715

00:30:55,720 --> 00:30:51,890

more filamentary so it all fits the

716

00:30:58,600 --> 00:30:55,730

electrical model right and when you come

717

00:31:02,560 --> 00:30:58,610

back to Venus and that the ejection of

718

00:31:05,470 --> 00:31:02,570

matter from a star or a gas giant or

719

00:31:07,899 --> 00:31:05,480

anything like that will come from within

720

00:31:09,970 --> 00:31:07,909

the body so that you've got the heavy

721

00:31:11,889 --> 00:31:09,980

elements and it's interesting from that

722

00:31:13,899 --> 00:31:11,899

point of view that was only a year or so

723

00:31:15,549 --> 00:31:13,909

ago that it was discovered that a

724

00:31:17,889 --> 00:31:15,559

supernova seemed to have turned itself

725

00:31:19,419 --> 00:31:17,899

inside out and the scientists were

726

00:31:21,820 --> 00:31:19,429

puzzled you know why is why are we

727

00:31:24,659 --> 00:31:21,830

seeing these heavy elements first and

728

00:31:28,539 --> 00:31:24,669

the reason is that a supernova is a

729

00:31:30,880 --> 00:31:28,549

really catastrophic electrical event for

730

00:31:33,110 --> 00:31:30,890

a star this is what happens the interior

731

00:31:34,549 --> 00:31:33,120

of the star gets shot out

732

00:31:38,480 --> 00:31:34,559

and that's why you see the heavy

733

00:31:40,910 --> 00:31:38,490

elements first the yeah these supernova

734

00:31:43,040 --> 00:31:40,920

explosions are where the star lights up

735

00:31:47,290 --> 00:31:43,050

and as bright as the rest of the galaxy

736

00:31:50,180 --> 00:31:47,300

for a short time is due to the fact that

737

00:31:53,030 --> 00:31:50,190

it's the circuit is suddenly broken near

738

00:31:55,850 --> 00:31:53,040

the surface of the star or even in the

739

00:31:58,310 --> 00:31:55,860

sunlight has below and this is an effect

740

00:32:01,220 --> 00:31:58,320

that you see with on earth in those

741

00:32:05,030 --> 00:32:01,230

high-voltage transcontinental power

742

00:32:09,049 --> 00:32:05,040

switching yards if you open the circuit

743

00:32:12,049 --> 00:32:09,059

while it's live the all of the energy

744

00:32:14,980 --> 00:32:12,059

stored over there's 100 miles on several

745

00:32:17,270 --> 00:32:14,990

hundred miles of wire the energy stored

746

00:32:19,100 --> 00:32:17,280

electromagnetically around the walk all

747

00:32:20,540 --> 00:32:19,110

collapses down on the point where the

748

00:32:23,180 --> 00:32:20,550

circuit was broken and you get that

749

00:32:26,540 --> 00:32:23,190

colossal arc that spreads up into the

750

00:32:28,100 --> 00:32:26,550

atmosphere mm-hmm well you can imagine a

751

00:32:30,860 --> 00:32:28,110

star if it breaks the circuit what

752

00:32:34,430 --> 00:32:30,870

happens to it that's exactly what a

753

00:32:37,010 --> 00:32:34,440

supernova is interesting now you had

754

00:32:38,540 --> 00:32:37,020

mentioned material radiating away and

755

00:32:42,080 --> 00:32:38,550

I've heard you say something to the

756

00:32:44,780 --> 00:32:42,090

effect that inside a planet gravity

757

00:32:46,790 --> 00:32:44,790

could actually be repulsive and that's

758

00:32:49,600 --> 00:32:46,800

kind of an interesting possibility how

759

00:32:53,440 --> 00:32:49,610

is that scientifically feasible yeah

760

00:32:55,970 --> 00:32:53,450

this is one of those problems where

761

00:32:58,630 --> 00:32:55,980

scientists repeatedly for thousands of

762

00:33:00,950 --> 00:32:58,640

years have used a earth centric view

763

00:33:03,460 --> 00:33:00,960

first of all the earth was the center of

764

00:33:06,200 --> 00:33:03,470

the universe and later on it was demoted

765

00:33:09,799 --> 00:33:06,210

but we still have this tendency to see

766

00:33:11,690 --> 00:33:09,809

things from our little cocoon in the

767

00:33:14,390 --> 00:33:11,700

atmosphere on the surface of the earth

768

00:33:17,510 --> 00:33:14,400

right and of course it's obvious that

769

00:33:18,430 --> 00:33:17,520

everything that we let go of falls to

770

00:33:22,100 --> 00:33:18,440

the earth

771

00:33:25,280 --> 00:33:22,110

this comes down to the structure of

772

00:33:28,400 --> 00:33:25,290

matter the structure of atoms and the

773

00:33:30,530 --> 00:33:28,410

electric universe also notes that there

774

00:33:34,299 --> 00:33:30,540

is a tendency on the part of nature to

775

00:33:37,790 --> 00:33:34,309

repeat patterns at different scales now

776

00:33:41,120 --> 00:33:37,800

at the scale of the atom if you just

777

00:33:42,590 --> 00:33:41,130

suggest and this is what Velikovsky was

778

00:33:45,260 --> 00:33:42,600

hinting at although he didn't get that

779

00:33:46,850 --> 00:33:45,270

quite that far if you suggest that the

780

00:33:49,970 --> 00:33:46,860

particles that make up the atom

781

00:33:52,490 --> 00:33:49,980

themselves little orbital systems then

782

00:33:56,450 --> 00:33:52,500

they too can distort and form little

783

00:33:58,130 --> 00:33:56,460

electric dipoles and of course in the

784

00:34:02,740 --> 00:33:58,140

case of a large body like the earth

785

00:34:05,630 --> 00:34:02,750

every atom in the earth and in us is

786

00:34:08,530 --> 00:34:05,640

attracted towards the center of the

787

00:34:12,250 --> 00:34:08,540

earth know the center of mass and

788

00:34:14,720 --> 00:34:12,260

because the nucleus in each atom is

789

00:34:16,310 --> 00:34:14,730

anywhere from two to four thousand times

790

00:34:19,129 --> 00:34:16,320

heavier than the electrons that are

791

00:34:21,340 --> 00:34:19,139

flying around it the nucleus of each

792

00:34:24,260 --> 00:34:21,350

atom is actually offset from the center

793

00:34:27,310 --> 00:34:24,270

now when you do that as I said before

794

00:34:31,419 --> 00:34:27,320

each atom becomes a tiny electric dipole

795

00:34:34,520 --> 00:34:31,429

but that electric field within the atom

796

00:34:36,680 --> 00:34:34,530

distorts the particles themselves and

797

00:34:39,020 --> 00:34:36,690

that's the important part is not the

798

00:34:41,599 --> 00:34:39,030

atoms so much as the particles within it

799

00:34:43,520 --> 00:34:41,609

that get distorted and the distortion is

800

00:34:45,560 --> 00:34:43,530

minuscule this tiny

801
00:34:50,320 --> 00:34:45,570
in fact it's so tiny that the

802
00:34:54,440 --> 00:34:50,330
gravitational force is 39 powers of 10

803
00:34:55,970 --> 00:34:54,450
less than the plain electric force and

804
00:34:57,710 --> 00:34:55,980
this has been a puzzle you know why is

805
00:34:59,090 --> 00:34:57,720
gravity such a weak force well this is

806
00:35:00,950 --> 00:34:59,100
the answer that we're dealing with the

807
00:35:04,849 --> 00:35:00,960
actual electrons and protons and

808
00:35:08,660 --> 00:35:04,859
neutrons that make up the atom in this

809
00:35:11,090 --> 00:35:08,670
effect now when you look at it that way

810
00:35:12,830 --> 00:35:11,100
you realize that hang on a minute

811
00:35:15,320 --> 00:35:12,840
we're all attracted like a daisy chain

812
00:35:17,570 --> 00:35:15,330
effect you know like a whole string of

813
00:35:19,910 --> 00:35:17,580

magnets you jostle them on a slippery

814

00:35:21,500 --> 00:35:19,920

surface and they'll all join you know

815

00:35:24,530 --> 00:35:21,510

head to tail head to tail head to toe

816

00:35:26,180 --> 00:35:24,540

and this is exactly what the effect of

817

00:35:28,340 --> 00:35:26,190

gravity is all of the atoms in the earth

818

00:35:31,010 --> 00:35:28,350

and in US are aligned in the same way

819

00:35:33,740 --> 00:35:31,020

and so we are attracted very weakly to

820

00:35:35,810 --> 00:35:33,750

each other but this suggests it's a

821

00:35:37,849 --> 00:35:35,820

dipole force it's the same as a magnet

822

00:35:40,940 --> 00:35:37,859

we've got a plus and a minus or north

823

00:35:44,290 --> 00:35:40,950

and a south and that means that in the

824

00:35:49,250 --> 00:35:44,300

case of bodies of celestial bodies stars

825

00:35:51,109 --> 00:35:49,260

planets asteroids comets moons you have

826

00:35:54,050 --> 00:35:51,119

one pole facing outwards and it's the

827

00:35:56,090 --> 00:35:54,060

same pole in everybody and on the inside

828

00:36:00,110 --> 00:35:56,100

of the body is the opposite pole which

829

00:36:02,240 --> 00:36:00,120

is resisting compression by gravity

830

00:36:06,020 --> 00:36:02,250

it suggests that you can't actually have

831

00:36:10,640 --> 00:36:06,030

holo celestial bodies very interesting

832

00:36:13,640 --> 00:36:10,650

yes where I'm actually working on this

833

00:36:16,070 --> 00:36:13,650

topic with some other scientists to try

834

00:36:18,140 --> 00:36:16,080

and figure out what the magnitude of the

835

00:36:21,950 --> 00:36:18,150

effect is what the possibilities are is

836

00:36:23,900 --> 00:36:21,960

concerning the structure of the earth of

837

00:36:26,750 --> 00:36:23,910

the Sun because it means that you do not

838

00:36:28,430 --> 00:36:26,760

have infinite compression from gravity

839

00:36:30,620 --> 00:36:28,440

which is required by the Big Bang model

840

00:36:33,020 --> 00:36:30,630

to make black holes and neutron stars

841

00:36:34,790 --> 00:36:33,030

and all the other exotic ideas they've

842

00:36:37,670 --> 00:36:34,800

come up with in an effort to create a

843

00:36:39,530 --> 00:36:37,680

lot of mass in a very small space as I

844

00:36:41,540 --> 00:36:39,540

said before the plasma cosmologists got

845

00:36:42,800 --> 00:36:41,550

rid of that necessity the electric

846

00:36:46,610 --> 00:36:42,810

universe points out there is an

847

00:36:48,530 --> 00:36:46,620

impossibility it takes you back to the

848

00:36:50,920 --> 00:36:48,540

kind of science that engineers like

849

00:36:54,590 --> 00:36:50,930

because they can see how it works yeah

850

00:36:56,900 --> 00:36:54,600

hmm yeah that's really awesome that

851
00:36:58,850 --> 00:36:56,910
you're diving into that and I know

852
00:37:00,680 --> 00:36:58,860
you're probably more on top of this than

853
00:37:04,190 --> 00:37:00,690
most people but I've heard you reference

854
00:37:06,110 --> 00:37:04,200
some of the semi recent seismic data on

855
00:37:08,510 --> 00:37:06,120
the earth what is the latest seismic

856
00:37:10,610 --> 00:37:08,520
data show well it's just something that

857
00:37:12,740 --> 00:37:10,620
I've begun investigating welcome to

858
00:37:15,400 --> 00:37:12,750
position to make any bold statements

859
00:37:19,250 --> 00:37:15,410
about their affair it's just that

860
00:37:22,040 --> 00:37:19,260
they're the center of the earth of the

861
00:37:25,010 --> 00:37:22,050
seismic the deep seismic signals that

862
00:37:29,000 --> 00:37:25,020
are supposed to approach the center of

863
00:37:30,830 --> 00:37:29,010

the earth do show anomalies and I would

864

00:37:32,990 --> 00:37:30,840

expect that but I haven't gone into

865

00:37:35,510 --> 00:37:33,000

enough to be able to explain it just yet

866

00:37:37,730 --> 00:37:35,520

and be confident of the explanation but

867

00:37:39,980 --> 00:37:37,740

certainly this has to be looked at from

868

00:37:42,440 --> 00:37:39,990

a completely different point of view the

869

00:37:44,480 --> 00:37:42,450

idea that the matter inside the earth is

870

00:37:46,700 --> 00:37:44,490

super compressed all the geological

871

00:37:48,920 --> 00:37:46,710

laboratories who have used these diamond

872

00:37:51,400 --> 00:37:48,930

dangles and that to recreate the

873

00:37:55,970 --> 00:37:51,410

conditions inside the earth are actually

874

00:38:00,710 --> 00:37:55,980

mistaken it I mean this view of gravity

875

00:38:03,830 --> 00:38:00,720

has a tremendous impact our thinking

876

00:38:07,000 --> 00:38:03,840

about the rest of the universe yes and

877

00:38:10,100 --> 00:38:07,010

that ties in with the work of the

878

00:38:10,960 --> 00:38:10,110

modern-day Galileo he was dubbed Hilton

879

00:38:13,000 --> 00:38:10,970

up

880

00:38:16,000 --> 00:38:13,010

who also came to the conclusion that

881

00:38:19,420 --> 00:38:16,010

gravity on a galactic scale and

882

00:38:21,880 --> 00:38:19,430

interstellar scale must be repulsive not

883

00:38:23,890 --> 00:38:21,890

attractive and that is a rather

884

00:38:25,750 --> 00:38:23,900

heretical idea until you look back and

885

00:38:28,450 --> 00:38:25,760

you see that in history even Newton

886

00:38:32,290 --> 00:38:28,460

considered the idea there was a chap who

887

00:38:35,710 --> 00:38:32,300

was contemporary who came up with it and

888

00:38:38,400 --> 00:38:35,720

Nicholas party Oded we a that you never

889

00:38:41,320 --> 00:38:38,410

hear of and then a later chapter

890

00:38:44,290 --> 00:38:41,330

Frenchman Lesage came up with a similar

891

00:38:47,080 --> 00:38:44,300

idea but in each case they were looking

892

00:38:49,780 --> 00:38:47,090

at something particles of something

893

00:38:51,220 --> 00:38:49,790

impinging from all directions and when

894

00:38:53,200 --> 00:38:51,230

you have two bodies shielding one

895

00:38:55,600 --> 00:38:53,210

another by being close together from

896

00:38:58,000 --> 00:38:55,610

particles from a certain direction it

897

00:38:59,650 --> 00:38:58,010

gave the effect of holding them in place

898

00:39:04,980 --> 00:38:59,660

even though they were repelling one

899

00:39:07,090 --> 00:39:04,990

another so I mean this is important okay

900

00:39:08,530 --> 00:39:07,100

fundamentally important from the view of

901
00:39:11,680 --> 00:39:08,540
cosmology because when you think about

902
00:39:15,010 --> 00:39:11,690
it the Big Bang is essentially

903
00:39:17,770 --> 00:39:15,020
completely unbalanced you've got an

904
00:39:19,420 --> 00:39:17,780
explosion and then you've got collapses

905
00:39:22,390 --> 00:39:19,430
and collisions that's always got to work

906
00:39:24,550 --> 00:39:22,400
with that what helton opsworks showed is

907
00:39:27,370 --> 00:39:24,560
that the universe is not expanding and

908
00:39:28,930 --> 00:39:27,380
he showed that definitively and so he

909
00:39:31,300 --> 00:39:28,940
said there must be something that holds

910
00:39:34,000 --> 00:39:31,310
these bodies the galaxies and stars

911
00:39:36,790 --> 00:39:34,010
apart so he was looking into this

912
00:39:39,670 --> 00:39:36,800
problem Lesage type gravity as it was

913
00:39:41,800 --> 00:39:39,680

called repulsive gravity but there was

914

00:39:45,490 --> 00:39:41,810

no satisfactory answer until the

915

00:39:48,580 --> 00:39:45,500

electric universe model suggests that it

916

00:39:50,650 --> 00:39:48,590

is repulsive so gravity is long-range

917

00:39:52,330 --> 00:39:50,660

repulsive short-range attractive if

918

00:39:54,130 --> 00:39:52,340

you're close to a body all of the atoms

919

00:39:56,920 --> 00:39:54,140

in your body respond to that body and

920

00:39:58,750 --> 00:39:56,930

are attracted to it once you get beyond

921

00:40:01,870 --> 00:39:58,760

the sphere of influence of that body

922

00:40:04,030 --> 00:40:01,880

then you are being repelled by

923

00:40:06,580 --> 00:40:04,040

everything else it gives you an idea

924

00:40:08,920 --> 00:40:06,590

that the sorts of things that Velikovsky

925

00:40:11,590 --> 00:40:08,930

was suggesting happened in the solar

926
00:40:14,860 --> 00:40:11,600
system which under Newton's theory of

927
00:40:17,620 --> 00:40:14,870
course seemed impossible actually

928
00:40:19,150 --> 00:40:17,630
possible you know bodies don't collide

929
00:40:22,390 --> 00:40:19,160
with one another they try and avoid one

930
00:40:23,270 --> 00:40:22,400
another which means that it changes the

931
00:40:26,360 --> 00:40:23,280
whole game

932
00:40:29,420 --> 00:40:26,370
and raises the odds in Velikovsky's

933
00:40:31,790 --> 00:40:29,430
favor by an enormous amount right well

934
00:40:33,170 --> 00:40:31,800
summarized and let's get into some of

935
00:40:35,630 --> 00:40:33,180
those radical changes that may have

936
00:40:37,130 --> 00:40:35,640
taken place in our own solar system as a

937
00:40:39,620 --> 00:40:37,140
guideline for some of this I guess the

938
00:40:41,750 --> 00:40:39,630

cliffnotes of our solar system history

939

00:40:44,570 --> 00:40:41,760

is that initially the Earth and Mars

940

00:40:46,640 --> 00:40:44,580

were rotating around Saturn the system

941

00:40:49,580 --> 00:40:46,650

changed spectacularly when it

942

00:40:53,420 --> 00:40:49,590

encountered the Sun and then we have

943

00:40:55,400 --> 00:40:53,430

that axial column of satellites that was

944

00:40:57,440 --> 00:40:55,410

formed that's kind of described in

945

00:40:58,820 --> 00:40:57,450

Thunderbolts of the Gods I guess you've

946

00:41:02,360 --> 00:40:58,830

also described it in a previous

947

00:41:04,370 --> 00:41:02,370

presentation as a kabob kind of set up

948

00:41:07,160 --> 00:41:04,380

that's all she's Kubo I like that

949

00:41:09,380 --> 00:41:07,170

visualization but how did we get from

950

00:41:11,660 --> 00:41:09,390

there to here because it seems like such

951
00:41:14,210 --> 00:41:11,670
a radical change I mean it's probably

952
00:41:15,620 --> 00:41:14,220
pretty extreme and hard to fathom for a

953
00:41:17,690 --> 00:41:15,630
lot of people who are who are used to

954
00:41:19,910 --> 00:41:17,700
thinking about things conventionally yes

955
00:41:22,130 --> 00:41:19,920
can you walk us through how we got from

956
00:41:23,780 --> 00:41:22,140
a situation where Earth and Mars were

957
00:41:29,720 --> 00:41:23,790
rotating around Saturn to this

958
00:41:34,370 --> 00:41:29,730
shish-kebab like configuration okay I my

959
00:41:37,790 --> 00:41:34,380
view is that we were satellites of a

960
00:41:39,350 --> 00:41:37,800
brown dwarf star now in recent years

961
00:41:43,970 --> 00:41:39,360
astronomers have come around to the idea

962
00:41:45,950 --> 00:41:43,980
that life is possibly more likely around

963
00:41:47,780 --> 00:41:45,960

brown dwarf stars you know planets are

964

00:41:52,880 --> 00:41:47,790

orbiting very closely to a brown dwarf

965

00:41:54,890 --> 00:41:52,890

star this appears to have been the case

966

00:41:57,620 --> 00:41:54,900

according to all of the information we

967

00:42:00,110 --> 00:41:57,630

can glean from the most ancient

968

00:42:02,780 --> 00:42:00,120

recollections you know the stories of

969

00:42:04,280 --> 00:42:02,790

the purple dawn of creation and so on in

970

00:42:06,770 --> 00:42:04,290

other words the light in the sky was

971

00:42:09,500 --> 00:42:06,780

different and this is precisely the

972

00:42:12,740 --> 00:42:09,510

color I would expect if we had been a

973

00:42:14,660 --> 00:42:12,750

satellite of a brown dwarf the other

974

00:42:16,940 --> 00:42:14,670

thing is that the electrical model of

975

00:42:20,740 --> 00:42:16,950

stars which encompasses all stars

976
00:42:23,330 --> 00:42:20,750
without exception shows that red stars

977
00:42:25,490 --> 00:42:23,340
stars that are having difficulty

978
00:42:27,530 --> 00:42:25,500
collecting enough charge from their

979
00:42:31,010 --> 00:42:27,540
surroundings and what happens in a

980
00:42:33,450 --> 00:42:31,020
plasma then is that the the electrode

981
00:42:36,710 --> 00:42:33,460
the anode in this case the star

982
00:42:40,230 --> 00:42:36,720
expands its sphere of influence and

983
00:42:44,120 --> 00:42:40,240
appears as a red glowing shell because

984
00:42:46,319 --> 00:42:44,130
what happens is the electrons involved

985
00:42:48,150 --> 00:42:46,329
accelerated in this electric field the

986
00:42:50,099 --> 00:42:48,160
bigger the shell the stronger the

987
00:42:54,690 --> 00:42:50,109
electric field and the more this glow

988
00:42:56,640 --> 00:42:54,700

occurs now that glow would occur kind of

989

00:42:59,010 --> 00:42:56,650

at the boundaries of what we call the

990

00:43:00,720 --> 00:42:59,020

magneto sphere or astronomers call a

991

00:43:03,329 --> 00:43:00,730

magnetosphere which is actually an

992

00:43:05,220 --> 00:43:03,339

electrical plasma sheath within which

993

00:43:08,760 --> 00:43:05,230

the magnetic field of the object is

994

00:43:11,490 --> 00:43:08,770

trapped now with a brown with a red star

995

00:43:13,680 --> 00:43:11,500

or a brown dwarf star it's actually

996

00:43:15,510 --> 00:43:13,690

quite huge for instance of Jupiter's

997

00:43:17,609 --> 00:43:15,520

magnetosphere was lit up it would appear

998

00:43:20,490 --> 00:43:17,619

the size of the full moon in the sky at

999

00:43:22,470 --> 00:43:20,500

opposition and yet it's so distant and

1000

00:43:24,270 --> 00:43:22,480

just looks like a point of light so the

1001
00:43:27,120 --> 00:43:24,280
Oh naked eye but it would appear as big

1002
00:43:30,480 --> 00:43:27,130
as the moon or as big as the Sun if you

1003
00:43:33,210 --> 00:43:30,490
like mm-hmm now if you were to look at

1004
00:43:35,130 --> 00:43:33,220
Jupiter then all of its inner moons and

1005
00:43:39,059 --> 00:43:35,140
so on would be orbiting within that glow

1006
00:43:42,030 --> 00:43:39,069
and this appears to be exactly where we

1007
00:43:44,520 --> 00:43:42,040
and Mars were plus a whole lot of other

1008
00:43:48,930 --> 00:43:44,530
satellites presumably like Titan and so

1009
00:43:51,599 --> 00:43:48,940
on right now when when I came across

1010
00:43:53,789 --> 00:43:51,609
that idea it also occurred to me that

1011
00:43:56,280 --> 00:43:53,799
this is the most hospitable circumstance

1012
00:43:58,319 --> 00:43:56,290
you could imagine for life to form in

1013
00:44:01,349 --> 00:43:58,329

the universe because it's like a cocoon

1014

00:44:03,569 --> 00:44:01,359

or a womb anybody orbiting within that

1015

00:44:05,579 --> 00:44:03,579

glow would it receive the same amount of

1016

00:44:08,579 --> 00:44:05,589

energy per square meter over the entire

1017

00:44:12,210 --> 00:44:08,589

surface of the planet and this explains

1018

00:44:14,730 --> 00:44:12,220

why it is that we had coal and dinosaurs

1019

00:44:17,970 --> 00:44:14,740

and so on living in the Antarctic and

1020

00:44:22,160 --> 00:44:17,980

the Arctic Circle this is impossible you

1021

00:44:25,799 --> 00:44:22,170

know in our present circumstance the

1022

00:44:28,500 --> 00:44:25,809

work of Rhoda Cardona showed that this

1023

00:44:30,839 --> 00:44:28,510

was it were fitted precisely with this

1024

00:44:33,839 --> 00:44:30,849

kind of story now the problem is of

1025

00:44:36,150 --> 00:44:33,849

course that a star which has this large

1026
00:44:39,809 --> 00:44:36,160
glowing envelope electrical envelope

1027
00:44:43,589 --> 00:44:39,819
when it meets a more bright star like

1028
00:44:45,809 --> 00:44:43,599
the Sun and enters its heliosphere which

1029
00:44:47,609 --> 00:44:45,819
is its electrical boundary then

1030
00:44:51,930 --> 00:44:47,619
all hell breaks loose because suddenly

1031
00:44:55,140 --> 00:44:51,940
the star no longer has this sheath so

1032
00:44:56,880 --> 00:44:55,150
any planets inside would suddenly view

1033
00:45:00,209 --> 00:44:56,890
the rest of the universe for the first

1034
00:45:02,249 --> 00:45:00,219
time also the star itself would try and

1035
00:45:04,289 --> 00:45:02,259
readjust there was a new situation by

1036
00:45:06,359 --> 00:45:04,299
ejecting matter and that's precisely

1037
00:45:09,689 --> 00:45:06,369
what it did and in doing so we deal it

1038
00:45:12,719 --> 00:45:09,699

up phenomenally it would it turned into

1039

00:45:14,789 --> 00:45:12,729

an ova what's known as a nova star that

1040

00:45:18,539 --> 00:45:14,799

suddenly brightens by many orders of

1041

00:45:20,459 --> 00:45:18,549

magnitude so it's what gave rise to the

1042

00:45:24,019 --> 00:45:20,469

stories of you know let there be light

1043

00:45:26,999 --> 00:45:24,029

that was the creation of our new

1044

00:45:30,299 --> 00:45:27,009

celestial system now the other thing is

1045

00:45:33,269 --> 00:45:30,309

too that in the sun's environment star

1046

00:45:36,329 --> 00:45:33,279

the the brown dwarf star switches from

1047

00:45:38,430 --> 00:45:36,339

being a star to being a comet and we

1048

00:45:40,499 --> 00:45:38,440

know that comets have what's called

1049

00:45:41,999 --> 00:45:40,509

non-gravitational accelerations and

1050

00:45:44,009 --> 00:45:42,009

that's due to the fact that its mass is

1051
00:45:47,549 --> 00:45:44,019
changing as a result of the exchange of

1052
00:45:50,609 --> 00:45:47,559
charge and it also occurred on the earth

1053
00:45:52,620 --> 00:45:50,619
to the gravity and the earth changed but

1054
00:45:55,289 --> 00:45:52,630
it said it then gets sort of sucked if

1055
00:45:58,170 --> 00:45:55,299
you like like a pip from the center of

1056
00:46:00,359 --> 00:45:58,180
its little system and it's satellites

1057
00:46:03,299 --> 00:46:00,369
left trailing behind rather like the

1058
00:46:06,630 --> 00:46:03,309
breakup of Comet shoemaker-levy 9 we

1059
00:46:07,979 --> 00:46:06,640
that formed a string of objects okay but

1060
00:46:10,439 --> 00:46:07,989
we were sitting in the tail of this

1061
00:46:12,719 --> 00:46:10,449
comet and that was an electrical

1062
00:46:15,150 --> 00:46:12,729
discharge effect and they've gave rise

1063
00:46:18,959 --> 00:46:15,160

to all of the fantastic imagery comes

1064

00:46:21,329 --> 00:46:18,969

down to us from rock art and so on which

1065

00:46:26,489 --> 00:46:21,339

looked like aliens or strange

1066

00:46:29,939 --> 00:46:26,499

I mean inexplicable art work they were

1067

00:46:32,759 --> 00:46:29,949

attempts to inscribe in rock in the most

1068

00:46:34,549 --> 00:46:32,769

difficult way you can imagine what they

1069

00:46:38,579 --> 00:46:34,559

were seeing in the sky as being

1070

00:46:40,920 --> 00:46:38,589

something phenomenal and never to occur

1071

00:46:43,439 --> 00:46:40,930

again it was that was the real creation

1072

00:46:45,029 --> 00:46:43,449

story I mean had nothing to do with the

1073

00:46:47,519 --> 00:46:45,039

creation of the universe that's a

1074

00:46:51,739 --> 00:46:47,529

nonsense right it had to do with the

1075

00:46:56,729 --> 00:46:51,749

creation of a completely new environment

1076
00:46:58,420 --> 00:46:56,739
now the adjustment on the part of what

1077
00:47:01,960 --> 00:46:58,430
we call proto Saturn

1078
00:47:04,720 --> 00:47:01,970
was to eject Venus and that was

1079
00:47:07,299 --> 00:47:04,730
witnessed it was described exactly what

1080
00:47:09,520 --> 00:47:07,309
you'd expect it was the worm or a Boris

1081
00:47:11,500 --> 00:47:09,530
you know the one that the snake that

1082
00:47:13,809 --> 00:47:11,510
swallowed its tail in other words it

1083
00:47:16,420 --> 00:47:13,819
formed a ring of matter around

1084
00:47:18,700 --> 00:47:16,430
Saten to begin with but it too fell

1085
00:47:21,309 --> 00:47:18,710
behind and then became this radiating

1086
00:47:24,250 --> 00:47:21,319
star that Davis talks about David

1087
00:47:27,130 --> 00:47:24,260
Talbot in his work and Mars of course

1088
00:47:30,930 --> 00:47:27,140

was between us and this fantastic

1089

00:47:33,940 --> 00:47:30,940

apparition of Venus and poor old Mars

1090

00:47:36,880 --> 00:47:33,950

unfortunately it was like a bobbing

1091

00:47:39,640 --> 00:47:36,890

object exchanging charge between us and

1092

00:47:41,650 --> 00:47:39,650

Venus because it would get close to

1093

00:47:44,260 --> 00:47:41,660

Venus and vilius all mighty Thunderbolt

1094

00:47:46,990 --> 00:47:44,270

of the gods and Mars would change mass

1095

00:47:48,970 --> 00:47:47,000

and drop towards the Earth and then it

1096

00:47:50,859 --> 00:47:48,980

would zap the earth and they'd move

1097

00:47:52,839 --> 00:47:50,869

apart again it would oscillate up and

1098

00:47:55,839 --> 00:47:52,849

down the column and gave rise to all of

1099

00:47:58,329 --> 00:47:55,849

the stories of dwarves and you know the

1100

00:47:59,829 --> 00:47:58,339

mother goddess and the baby returning to

1101

00:48:02,980 --> 00:47:59,839

the womb all sorts of things like that

1102

00:48:06,849 --> 00:48:02,990

but all of the inexplicable stories that

1103

00:48:08,799 --> 00:48:06,859

the global yeah right the Australian

1104

00:48:11,400 --> 00:48:08,809

Aborigines in fact here have some

1105

00:48:13,960 --> 00:48:11,410

remarkable creation stories which

1106

00:48:16,180 --> 00:48:13,970

describe the time when there were two

1107

00:48:18,520 --> 00:48:16,190

suns in the sky there greater and the

1108

00:48:21,039 --> 00:48:18,530

lesser Sun and one of them hid in a

1109

00:48:23,950 --> 00:48:21,049

hollow log which was the imagery of the

1110

00:48:26,920 --> 00:48:23,960

plasma column between us and proto Satan

1111

00:48:29,380 --> 00:48:26,930

wow that's lose the other aspect of this

1112

00:48:31,569 --> 00:48:29,390

- one of the big puzzles when we talk

1113

00:48:33,700 --> 00:48:31,579

about the formation of the planets is

1114

00:48:36,190 --> 00:48:33,710

Earth's water where did it all come from

1115

00:48:39,910 --> 00:48:36,200

mm-hmm well the answer is that as a

1116

00:48:42,190 --> 00:48:39,920

satellite of a dwarf star it is both the

1117

00:48:46,089 --> 00:48:42,200

best place to form life but it is also

1118

00:48:48,760 --> 00:48:46,099

the place where unfortunate outbursts

1119

00:48:52,089 --> 00:48:48,770

can occur on the part of your your um

1120

00:48:55,120 --> 00:48:52,099

mother son if you like because brown

1121

00:48:56,740 --> 00:48:55,130

dwarfs are known to flare and but in

1122

00:49:00,250 --> 00:48:56,750

flaring they of course are ejecting

1123

00:49:01,480 --> 00:49:00,260

matter and so you look at all the bodies

1124

00:49:04,500 --> 00:49:01,490

in the solar system that have been

1125

00:49:07,420 --> 00:49:04,510

investigated so far they all have strata

1126
00:49:08,860 --> 00:49:07,430
they have layer upon layer upon layer of

1127
00:49:13,960 --> 00:49:08,870
material

1128
00:49:16,150 --> 00:49:13,970
so the earth and the other objects tend

1129
00:49:18,760 --> 00:49:16,160
to have been built up the surface layers

1130
00:49:20,380 --> 00:49:18,770
have built up by events that occur and

1131
00:49:22,360 --> 00:49:20,390
some of them are quite catastrophic and

1132
00:49:24,670 --> 00:49:22,370
of course our geological record shows

1133
00:49:26,380 --> 00:49:24,680
that we've had events in the past where

1134
00:49:28,300 --> 00:49:26,390
most of the life on Earth was wiped out

1135
00:49:29,620 --> 00:49:28,310
and there's no good answer to that I

1136
00:49:33,100 --> 00:49:29,630
mean the only answer that the

1137
00:49:36,370 --> 00:49:33,110
gravitational fears can have is one of

1138
00:49:38,350 --> 00:49:36,380

collision the Baughman move the various

1139

00:49:41,260 --> 00:49:38,360

and they talk about the dinosaurs having

1140

00:49:45,820 --> 00:49:41,270

been wiped out by a collision it's not

1141

00:49:47,770 --> 00:49:45,830

sufficient because dinosaurs today could

1142

00:49:49,270 --> 00:49:47,780

not exist they could not lift themselves

1143

00:49:52,450 --> 00:49:49,280

off the ground they're just too heavy

1144

00:49:54,460 --> 00:49:52,460

all right you know just engineering wise

1145

00:49:56,350 --> 00:49:54,470

the ones with long necks wouldn't be

1146

00:49:59,470 --> 00:49:56,360

able to lift their necks because even a

1147

00:50:02,020 --> 00:49:59,480

steel girder with the weight that they

1148

00:50:04,450 --> 00:50:02,030

had in that neck and the head of the

1149

00:50:07,510 --> 00:50:04,460

earth there's it would Bend under the

1150

00:50:09,520 --> 00:50:07,520

under the weight so the Earth's gravity

1151
00:50:11,890 --> 00:50:09,530
changed now you can't do that just by

1152
00:50:14,380 --> 00:50:11,900
you know smacking things together of

1153
00:50:17,470 --> 00:50:14,390
course and it was fairly selective to I

1154
00:50:20,440 --> 00:50:17,480
think the there's even talk now that the

1155
00:50:24,130 --> 00:50:20,450
heavier ones died out first well this is

1156
00:50:27,850 --> 00:50:24,140
the kind of thing you'd expect and also

1157
00:50:29,830 --> 00:50:27,860
the mega flora I mean we had huge trees

1158
00:50:32,460 --> 00:50:29,840
and ferns and things at the time and

1159
00:50:37,510 --> 00:50:32,470
their plants that are adapted to

1160
00:50:39,880 --> 00:50:37,520
infrared light so all of these things

1161
00:50:41,350 --> 00:50:39,890
tie together you know that this is the

1162
00:50:43,450 --> 00:50:41,360
reason that I'm fairly confident talking

1163
00:50:46,360 --> 00:50:43,460

about it even when it sounds like

1164

00:50:50,530 --> 00:50:46,370

complete science fiction all of these

1165

00:50:53,710 --> 00:50:50,540

tiny aspects fit and if anyone wants to

1166

00:50:57,120 --> 00:50:53,720

look at the story in the detail that's

1167

00:50:59,980 --> 00:50:57,130

required to check these things out I

1168

00:51:01,780 --> 00:50:59,990

recommend driving cardona's star series

1169

00:51:04,200 --> 00:51:01,790

which are available on our website of

1170

00:51:07,090 --> 00:51:04,210

course it's under bolts dot info mm-hmm

1171

00:51:09,910 --> 00:51:07,100

perfect and that brings up a curious

1172

00:51:12,130 --> 00:51:09,920

question because you talked about us

1173

00:51:14,470 --> 00:51:12,140

having memories of these massive changes

1174

00:51:16,600 --> 00:51:14,480

in the human record does this model

1175

00:51:18,460 --> 00:51:16,610

affect the way we should think about the

1176

00:51:20,380 --> 00:51:18,470

age of things like the earth and the

1177

00:51:22,160 --> 00:51:20,390

solar system the galaxy and even the

1178

00:51:25,660 --> 00:51:22,170

universe itself

1179

00:51:28,430 --> 00:51:25,670

absolutely that's a good question the

1180

00:51:30,500 --> 00:51:28,440

radioactive dating was graphed with both

1181

00:51:32,089 --> 00:51:30,510

hands by geologists when it became

1182

00:51:34,940 --> 00:51:32,099

available because it allowed them to

1183

00:51:36,890 --> 00:51:34,950

become not just the descriptive science

1184

00:51:38,829 --> 00:51:36,900

but what they thought hard science

1185

00:51:41,720 --> 00:51:38,839

because they could put numbers on things

1186

00:51:44,690 --> 00:51:41,730

but unfortunately and this is the case

1187

00:51:46,579 --> 00:51:44,700

when you have specialization each group

1188

00:51:48,500 --> 00:51:46,589

of specialists mislead the others as to

1189

00:51:51,289 --> 00:51:48,510

the extent of their understanding and

1190

00:51:54,109 --> 00:51:51,299

knowledge the astronomers misled the

1191

00:51:57,259 --> 00:51:54,119

particle physicists who looked at the

1192

00:51:59,960 --> 00:51:57,269

half-lives of radioactive elements by

1193

00:52:02,299 --> 00:51:59,970

saying you know the solar system was

1194

00:52:04,900 --> 00:52:02,309

four and a half billion years old they

1195

00:52:09,160 --> 00:52:04,910

don't know that that's just an estimate

1196

00:52:16,279 --> 00:52:12,799

the geologist I was sorry the particle

1197

00:52:19,460 --> 00:52:16,289

physicist then led the geologists into

1198

00:52:22,039 --> 00:52:19,470

thinking that their radioactive decay

1199

00:52:23,839 --> 00:52:22,049

rates fixed in other words you've put it

1200

00:52:25,519 --> 00:52:23,849

in a book of standards you know the

1201
00:52:28,309 --> 00:52:25,529
half-life of this element is so many

1202
00:52:30,589 --> 00:52:28,319
million years without any thought to the

1203
00:52:33,400 --> 00:52:30,599
actual mechanism because in particle

1204
00:52:35,809 --> 00:52:33,410
physics there is no explanation for

1205
00:52:37,789 --> 00:52:35,819
radioactive decay it is just a

1206
00:52:39,380 --> 00:52:37,799
statistical thing you know that

1207
00:52:41,930 --> 00:52:39,390
something is your work out in the

1208
00:52:45,620 --> 00:52:41,940
laboratory and then assume that this is

1209
00:52:48,380 --> 00:52:45,630
a universal constant it's not there's

1210
00:52:50,870 --> 00:52:48,390
plenty of evidence that radioactive

1211
00:52:52,609 --> 00:52:50,880
decay rates change and that it also

1212
00:52:56,240 --> 00:52:52,619
comes back to another aspect of the

1213
00:52:58,069 --> 00:52:56,250

electric universe but then the

1214

00:53:00,019 --> 00:52:58,079

assumption on the part of the geologists

1215

00:53:02,210 --> 00:53:00,029

is that the astronomers told them that

1216

00:53:04,400 --> 00:53:02,220

the the solar system has been like

1217

00:53:06,529 --> 00:53:04,410

Newtonian clockwork for billions of

1218

00:53:08,089 --> 00:53:06,539

years all of the bad stuff happened

1219

00:53:10,370 --> 00:53:08,099

right up you know very close to the

1220

00:53:13,940 --> 00:53:10,380

beginning all the collisions and the

1221

00:53:17,660 --> 00:53:13,950

cretians and other kind of stuff because

1222

00:53:19,910 --> 00:53:17,670

the radioactive decay dating method

1223

00:53:23,390 --> 00:53:19,920

relies on the earth having been a closed

1224

00:53:25,910 --> 00:53:23,400

system if there's any disturbance major

1225

00:53:29,240 --> 00:53:25,920

disturbance to the composition of the

1226

00:53:33,380 --> 00:53:29,250

material on the earth then the dating

1227

00:53:34,840 --> 00:53:33,390

system is reset plus either broken or

1228

00:53:37,940 --> 00:53:34,850

it's you know

1229

00:53:40,040 --> 00:53:37,950

it hasn't been working for a while right

1230

00:53:42,410 --> 00:53:40,050

and that assumption of course when

1231

00:53:44,990 --> 00:53:42,420

Velikovsky came along he's work just

1232

00:53:47,600 --> 00:53:45,000

showed that that can't be substantiated

1233

00:53:50,870 --> 00:53:47,610

because he is evidence of massive

1234

00:53:56,090 --> 00:53:50,880

interference in the the biosphere of the

1235

00:53:59,990 --> 00:53:56,100

of the earth so radioactive dating the

1236

00:54:02,720 --> 00:54:00,000

radiocarbon dating also makes various

1237

00:54:05,690 --> 00:54:02,730

assumptions so that you have to be very

1238

00:54:07,730 --> 00:54:05,700

careful in using it but as for the long

1239

00:54:09,560 --> 00:54:07,740

term dating at things like that when the

1240

00:54:13,460 --> 00:54:09,570

dinosaurs lived and so on you can

1241

00:54:16,730 --> 00:54:13,470

practically forget that well certain man

1242

00:54:19,130 --> 00:54:16,740

I love it and I guess our time is about

1243

00:54:20,570 --> 00:54:19,140

up amazing stuff there's so much more we

1244

00:54:23,120 --> 00:54:20,580

didn't even get to hopefully we can do

1245

00:54:25,880 --> 00:54:23,130

it again sometime of course David is

1246

00:54:27,650 --> 00:54:25,890

great at what he does but I think your

1247

00:54:29,360 --> 00:54:27,660

side of things is more convincing for me

1248

00:54:31,190 --> 00:54:29,370

personally so I'm glad that I could get

1249

00:54:32,960 --> 00:54:31,200

you on before we go please remind people

1250

00:54:35,060 --> 00:54:32,970

where they can follow up on these ideas

1251

00:54:37,400 --> 00:54:35,070

and find the best resources for digging

1252

00:54:39,350 --> 00:54:37,410

deeper into what you're doing well main

1253

00:54:42,050 --> 00:54:39,360

resource is thunderbolt

1254

00:54:45,110 --> 00:54:42,060

info there you will find ways of getting

1255

00:54:48,470 --> 00:54:45,120

involved yourself as a forum there's

1256

00:54:51,580 --> 00:54:48,480

means of donating since it's a

1257

00:54:54,920 --> 00:54:51,590

charitable structure also we have

1258

00:54:57,350 --> 00:54:54,930

regular pictures of the day with very

1259

00:54:59,600 --> 00:54:57,360

good commentary on the latest scientific

1260

00:55:03,050 --> 00:54:59,610

news from the electric universe point of

1261

00:55:06,140 --> 00:55:03,060

view and we have YouTube videos which

1262

00:55:08,420 --> 00:55:06,150

cover those things sometimes in a bit

1263

00:55:12,680 --> 00:55:08,430

more detail and by a number of different

1264

00:55:16,460 --> 00:55:12,690

scholars who are now joining with us in

1265

00:55:19,280 --> 00:55:16,470

this adventure and it's the greatest

1266

00:55:21,920 --> 00:55:19,290

adventure I can imagine Amen man

1267

00:55:23,480 --> 00:55:21,930

excellent well I do love what you're

1268

00:55:25,220 --> 00:55:23,490

doing keep pushing it you're one of the

1269

00:55:27,380 --> 00:55:25,230

great minds of our time man take care of

1270

00:55:28,940 --> 00:55:27,390

yourself out there thanks Greg for the

1271

00:55:31,940 --> 00:55:28,950

opportunity you got it

1272

00:55:33,890 --> 00:55:31,950

Wow guys wal thornhill dropping

1273

00:55:35,630 --> 00:55:33,900

knowledge like it's hot to the touch I

1274

00:55:38,030 --> 00:55:35,640

really do love this electric universe

1275

00:55:40,160 --> 00:55:38,040

paradigm but I still have a hard time

1276

00:55:42,560 --> 00:55:40,170

trying to walk some of my friends

1277

00:55:44,420 --> 00:55:42,570

through the idea of the Saturn Sun

1278

00:55:46,940 --> 00:55:44,430

switch they just look at me like I'm

1279

00:55:48,260 --> 00:55:46,950

crazy and I personally am still not

1280

00:55:50,240 --> 00:55:48,270

really satisfied with

1281

00:55:52,520 --> 00:55:50,250

the explanation of the transition and

1282

00:55:54,770 --> 00:55:52,530

how he manatee survived I've read the

1283

00:55:57,650 --> 00:55:54,780

books I've seen the documentaries walls

1284

00:56:00,320 --> 00:55:57,660

proto Saturn presentation is awfully

1285

00:56:02,480 --> 00:56:00,330

good but it seems like a bit of a leap

1286

00:56:05,240 --> 00:56:02,490

of faith and wishful thinking to me and

1287

00:56:07,190 --> 00:56:05,250

I like the idea I want it to be true but

1288

00:56:10,100 --> 00:56:07,200

for me there's just a little gray area

1289

00:56:11,930 --> 00:56:10,110

still but there's so much indoctrination

1290

00:56:14,960 --> 00:56:11,940

and so much of our upbringing and

1291

00:56:17,570 --> 00:56:14,970

education channels the way we think so

1292

00:56:19,100 --> 00:56:17,580

what can you do I am always pleased

1293

00:56:21,320 --> 00:56:19,110

though when I have an intelligent

1294

00:56:24,290 --> 00:56:21,330

scientifically minded person leave the

1295

00:56:26,570 --> 00:56:24,300

door open for hollow planets I do love

1296

00:56:27,260 --> 00:56:26,580

that and I'm glad we got to it early on

1297

00:56:29,420 --> 00:56:27,270

again

1298

00:56:31,700 --> 00:56:29,430

wishful thinking I can't claim with any

1299

00:56:33,200 --> 00:56:31,710

certainty that the earth is hollow but

1300

00:56:36,440 --> 00:56:33,210

for some of the legends and stories I

1301
00:56:40,160 --> 00:56:36,450
enjoy to be believable there has to be a

1302
00:56:42,110 --> 00:56:40,170
scientific basis there somewhere even if

1303
00:56:45,140 --> 00:56:42,120
we're just talking about massive

1304
00:56:47,030 --> 00:56:45,150
underground caverns rather than the

1305
00:56:50,930 --> 00:56:47,040
full-blown balls-to-the-wall

1306
00:56:52,850 --> 00:56:50,940
inner Sun extreme and see skeptics call

1307
00:56:54,620 --> 00:56:52,860
that confirmation bias is if I'm not

1308
00:56:57,290 --> 00:56:54,630
able to separate what I'd like to be

1309
00:56:58,790 --> 00:56:57,300
true from what the evidence seems is

1310
00:57:01,550 --> 00:56:58,800
most likely they're not mutually

1311
00:57:04,250 --> 00:57:01,560
exclusive and if I had scientist after

1312
00:57:06,620 --> 00:57:04,260
scientists say dude let it go the data

1313
00:57:09,230 --> 00:57:06,630

is pretty conclusive on this I would let

1314

00:57:11,120 --> 00:57:09,240

it go but so many people smarter than me

1315

00:57:14,420 --> 00:57:11,130

think it could be possible Brooks Agnew

1316

00:57:16,700 --> 00:57:14,430

Eric Dollard Dean Dominic de Lucia David

1317

00:57:18,410 --> 00:57:16,710

Talbott and wal Thornhill and even

1318

00:57:20,750 --> 00:57:18,420

Alexander Colt even leaves that door

1319

00:57:23,960 --> 00:57:20,760

open I know we are dealing with a fringe

1320

00:57:25,760 --> 00:57:23,970

subset of thinkers on THC but I think we

1321

00:57:28,520 --> 00:57:25,770

get more yeas than nays which is

1322

00:57:30,890 --> 00:57:28,530

exciting and I know before this show has

1323

00:57:33,590 --> 00:57:30,900

even been up for an hour if you guys go

1324

00:57:35,150 --> 00:57:33,600

to the YouTube comments or the comments

1325

00:57:37,700 --> 00:57:35,160

section on the higher side schatz

1326
00:57:40,460 --> 00:57:37,710
website I'm very willing to bet you will

1327
00:57:43,280 --> 00:57:40,470
see comments that say I can't trust this

1328
00:57:44,810 --> 00:57:43,290
guy he's just another NASA shill he

1329
00:57:47,090 --> 00:57:44,820
doesn't see the truth about the Flat

1330
00:57:49,400 --> 00:57:47,100
Earth I guarantee those comments will be

1331
00:57:51,740 --> 00:57:49,410
there and I can say that in this wrap-up

1332
00:57:53,960 --> 00:57:51,750
because I doubt they even got this far

1333
00:57:55,250 --> 00:57:53,970
but we need a little bit of discernment

1334
00:57:57,080 --> 00:57:55,260
with these kind of things and I don't

1335
00:57:59,480 --> 00:57:57,090
think wall can be dismissed like that

1336
00:58:01,340 --> 00:57:59,490
and it's obvious NASA is hiding things

1337
00:58:01,880 --> 00:58:01,350
and manipulating people's thoughts and

1338
00:58:03,680 --> 00:58:01,890

knowledge

1339

00:58:06,020 --> 00:58:03,690

about our environment but if I'm being

1340

00:58:08,000 --> 00:58:06,030

genuine I think the secrets NASA keeps

1341

00:58:10,400 --> 00:58:08,010

are much more likely to be covering up

1342

00:58:12,590 --> 00:58:10,410

the electric universe rather than the

1343

00:58:14,720 --> 00:58:12,600

Flat Earth and I've seen some damn good

1344

00:58:16,850 --> 00:58:14,730

Flat Earth arguments Marty Leeds who I

1345

00:58:18,770 --> 00:58:16,860

love and respect has put out a few

1346

00:58:20,960 --> 00:58:18,780

videos of his research and he's firmly

1347

00:58:23,480 --> 00:58:20,970

in that camp now but when I think about

1348

00:58:25,250 --> 00:58:23,490

major areas of coverup and how they

1349

00:58:27,950 --> 00:58:25,260

could relate I see a clear picture

1350

00:58:30,830 --> 00:58:27,960

forming around torsion field physics

1351

00:58:33,800 --> 00:58:30,840

which is this inner tube or doughnut

1352

00:58:36,260 --> 00:58:33,810

shaped field of energy that some say is

1353

00:58:37,520 --> 00:58:36,270

the key to limitless energy well how can

1354

00:58:39,440 --> 00:58:37,530

we complete the picture if we

1355

00:58:42,590 --> 00:58:39,450

acknowledge that a big part of the big

1356

00:58:44,870 --> 00:58:42,600

conspiracy is energy grid control we can

1357

00:58:46,490 --> 00:58:44,880

start simple and take the Tesla piece

1358

00:58:49,130 --> 00:58:46,500

and fit that in there that he was

1359

00:58:50,750 --> 00:58:49,140

marginalized and suppressed then we can

1360

00:58:53,150 --> 00:58:50,760

take the UFO piece where they can't

1361

00:58:54,710 --> 00:58:53,160

acknowledge UFOs because they use this

1362

00:58:56,660 --> 00:58:54,720

type of technology and there's a heavy

1363

00:58:59,150 --> 00:58:56,670

quarantine around anything related to

1364

00:59:02,530 --> 00:58:59,160

this energy disclosure then you have the

1365

00:59:04,850 --> 00:59:02,540

education system and NASA purposefully

1366

00:59:07,040 --> 00:59:04,860

compartmentalizing Sciences so nobody

1367

00:59:09,500 --> 00:59:07,050

puts it all together perpetuating CERN

1368

00:59:11,420 --> 00:59:09,510

and what they're doing holding people

1369

00:59:12,980 --> 00:59:11,430

like Stephen Hawking up on high as long

1370

00:59:14,780 --> 00:59:12,990

as he keeps talking about black holes

1371

00:59:16,820 --> 00:59:14,790

and gravity and leaving the electrical

1372

00:59:18,590 --> 00:59:16,830

component out of it and that's if he's

1373

00:59:20,990 --> 00:59:18,600

not just a literal puppet for the

1374

00:59:23,870 --> 00:59:21,000

reality shapers or were some advanced

1375

00:59:25,850 --> 00:59:23,880

sentient AI you know I used to file that

1376

00:59:27,770 --> 00:59:25,860

in with the creepy conspiracies that

1377

00:59:29,600 --> 00:59:27,780

probably are a bit of a stretch but

1378

00:59:32,030 --> 00:59:29,610

let's dig a little deeper into this

1379

00:59:33,740 --> 00:59:32,040

Stephen Hawking thing think about the

1380

00:59:36,140 --> 00:59:33,750

influence in today's scientific

1381

00:59:38,840 --> 00:59:36,150

community that Hawking has now if the

1382

00:59:41,030 --> 00:59:38,850

mainstream paradigm is a lie or heavily

1383

00:59:43,820 --> 00:59:41,040

flawed in places where wal thornhill

1384

00:59:46,040 --> 00:59:43,830

sees it why doesn't Steven if he's being

1385

00:59:48,020 --> 00:59:46,050

intellectually honest from that I get

1386

00:59:51,110 --> 00:59:48,030

the impression that he isn't he's a

1387

00:59:53,060 --> 00:59:51,120

god-like infallible Authority that's how

1388

00:59:55,700 --> 00:59:53,070

he's treated that's the pedestal the

1389

00:59:57,320 --> 00:59:55,710

system puts him on and so what you might

1390

00:59:59,570 --> 00:59:57,330

say well if they're gonna give someone

1391

01:00:01,670 --> 00:59:59,580

such a position of authority in an area

1392

01:00:03,890 --> 01:00:01,680

like the forefront of modern science

1393

01:00:05,690 --> 01:00:03,900

will they really leave that up to chance

1394

01:00:08,420 --> 01:00:05,700

or would it be advantageous to have a

1395

01:00:10,280 --> 01:00:08,430

vegetable of a man in a chair whose

1396

01:00:13,100 --> 01:00:10,290

speaking & spelling computer can be programmed

1397

01:00:15,500 --> 01:00:13,110

to say anything you might want it to say

1398

01:00:18,380 --> 01:00:15,510

oh how the elites mouths

1399

01:00:20,420 --> 01:00:18,390

must water over such a proposition but

1400

01:00:22,970 --> 01:00:20,430

are there any supporting facts well it

1401

01:00:25,760 --> 01:00:22,980

turns out there might be do you guys

1402

01:00:28,310 --> 01:00:25,770

realize that he's seriously the person

1403

01:00:30,530 --> 01:00:28,320

who's lived with ALS the longest yeah

1404

01:00:32,660 --> 01:00:30,540

what a coincidence right I've looked

1405

01:00:34,730 --> 01:00:32,670

this up and several sources will tell

1406

01:00:37,940 --> 01:00:34,740

you that the great majority of the time

1407

01:00:41,230 --> 01:00:37,950

a person with ALS is diagnosed in their

1408

01:00:46,370 --> 01:00:41,240

50s and is dead within about five years

1409

01:00:49,040 --> 01:00:46,380

Stephen Hawking is 74 years old so they

1410

01:00:51,110 --> 01:00:49,050

say here let me just read this it

1411

01:00:53,420 --> 01:00:51,120

basically hits all the points it's from

1412

01:00:55,610 --> 01:00:53,430

Newser calm which I've never really

1413

01:00:57,620 --> 01:00:55,620

heard of but this isn't the only site

1414

01:01:00,290 --> 01:00:57,630

saying these kind of things this is just

1415

01:01:02,690 --> 01:01:00,300

the most succinct it's appropriately

1416

01:01:06,340 --> 01:01:02,700

titled how has Stephen Hawking lived

1417

01:01:09,680 --> 01:01:06,350

with ALS for 52 years experts call the

1418

01:01:13,340 --> 01:01:09,690

74 year old physicists long-term

1419

01:01:16,250 --> 01:01:13,350

survival extraordinary an ALS patients

1420

01:01:18,140 --> 01:01:16,260

life expectancy averages just two to

1421

01:01:20,990 --> 01:01:18,150

five years after diagnosis and only

1422

01:01:23,870 --> 01:01:21,000

about 5% make it past 20 years the ALS

1423

01:01:26,210 --> 01:01:23,880

Association notes but Stephen has beaten

1424

01:01:29,570 --> 01:01:26,220

the odds and lived with his motor neuron

1425

01:01:32,210 --> 01:01:29,580

disease for 52 years and no one sure why

1426
01:01:33,890 --> 01:01:32,220
though some experts suggest factors that

1427
01:01:36,320 --> 01:01:33,900
may have increased his lifespan in

1428
01:01:38,240 --> 01:01:36,330
today's Washington Post scientists also

1429
01:01:40,550 --> 01:01:38,250
don't know for certain what causes ALS

1430
01:01:42,830 --> 01:01:40,560
in general and are studying genetic and

1431
01:01:45,290 --> 01:01:42,840
environmental links the CDC notes yeah

1432
01:01:47,720 --> 01:01:45,300
trust them but although the underlying

1433
01:01:48,730 --> 01:01:47,730
reasons for Hawking's long-term survival

1434
01:01:52,040 --> 01:01:48,740
are unclear

1435
01:01:53,390 --> 01:01:52,050
scientists thoughts on it art quote he

1436
01:01:55,910 --> 01:01:53,400
is exceptional

1437
01:01:58,550 --> 01:01:55,920
neurology professor Nigel lay told the

1438
01:02:00,710 --> 01:01:58,560

British Medical Journal in 2002 I am not

1439

01:02:05,180 --> 01:02:00,720

aware of anyone else who has survived

1440

01:02:08,090 --> 01:02:05,190

with ALS as long now 2002 the guy said

1441

01:02:10,070 --> 01:02:08,100

that 14 years ago man you think with

1442

01:02:12,590 --> 01:02:10,080

Stephen Hawking's bright mind he might

1443

01:02:14,900 --> 01:02:12,600

apply it to something more personal I

1444

01:02:20,180 --> 01:02:14,910

guess he has no interest in why he's the

1445

01:02:22,490 --> 01:02:20,190

anomaly for ALS hmm okay okay what also

1446

01:02:24,590 --> 01:02:22,500

makes Hawking's case unusual is that he

1447

01:02:27,320 --> 01:02:24,600

was informed of his illness so young the

1448

01:02:29,210 --> 01:02:27,330

average age for diagnosis is 55 though

1449

01:02:31,070 --> 01:02:29,220

Hawking's early onset may have

1450

01:02:32,780 --> 01:02:31,080

help them in the long run survival and

1451

01:02:34,760 --> 01:02:32,790

younger patients is strikingly better

1452

01:02:37,970 --> 01:02:34,770

and is measured in many years in some

1453

01:02:39,980 --> 01:02:37,980

cases more than 10 oh well in some cases

1454

01:02:43,359 --> 01:02:39,990

people live more than 10 years so

1455

01:02:46,990 --> 01:02:43,369

Stephen Hawking living 52 years with ALS

1456

01:02:49,430 --> 01:02:47,000

nothing to see here makes me wonder

1457

01:02:51,950 --> 01:02:49,440

so that's creepy and add fuel to the

1458

01:02:54,080 --> 01:02:51,960

fire there was a time in 1985 where he

1459

01:02:55,640 --> 01:02:54,090

was so far gone that doctors told his

1460

01:02:58,280 --> 01:02:55,650

wife it might be time to shut off the

1461

01:03:00,260 --> 01:02:58,290

life support machines that would be when

1462

01:03:02,690 --> 01:03:00,270

he was in his mid-40s a much more

1463

01:03:04,790 --> 01:03:02,700

reasonable time for your average ALS

1464

01:03:06,530 --> 01:03:04,800

victim to die but he recovered and

1465

01:03:08,089 --> 01:03:06,540

promptly finished his book a brief

1466

01:03:11,120 --> 01:03:08,099

history of time and the rest is history

1467

01:03:13,490 --> 01:03:11,130

right how lucky we are to have such a

1468

01:03:18,380 --> 01:03:13,500

brilliant scientific mind be so accurate

1469

01:03:20,030 --> 01:03:18,390

about space the universe and reality but

1470

01:03:21,470 --> 01:03:20,040

anyway I was in the middle of trying to

1471

01:03:24,620 --> 01:03:21,480

piece together a puzzle here you got

1472

01:03:27,650 --> 01:03:24,630

torsion fields free energy UFOs false

1473

01:03:29,359 --> 01:03:27,660

idols like s Hawks here and then you

1474

01:03:31,700 --> 01:03:29,369

have the shape of the earth itself as

1475

01:03:34,280 --> 01:03:31,710

possibly a torsion field shape a

1476

01:03:37,040 --> 01:03:34,290

doughnut basically a ball with holes of

1477

01:03:39,170 --> 01:03:37,050

the poles now I'm definitely speculating

1478

01:03:41,060 --> 01:03:39,180

but I see a through line between all

1479

01:03:43,160 --> 01:03:41,070

these points that really make sense and

1480

01:03:45,290 --> 01:03:43,170

if I had to put my money on something it

1481

01:03:48,140 --> 01:03:45,300

would probably be that these are the big

1482

01:03:50,450 --> 01:03:48,150

secrets about space not that it doesn't

1483

01:03:52,520 --> 01:03:50,460

exist and the earth is flat let's add

1484

01:03:56,510 --> 01:03:52,530

this pile to the idea of the firmament

1485

01:03:59,329 --> 01:03:56,520

that we are in a type of shell or bubble

1486

01:04:01,310 --> 01:03:59,339

a very popular idea for the people of

1487

01:04:03,829 --> 01:04:01,320

the ancient past and the people of the

1488

01:04:05,570 --> 01:04:03,839

Flat Earth community could the people in

1489

01:04:08,540 --> 01:04:05,580

the past have been trying to describe

1490

01:04:10,130 --> 01:04:08,550

this plasma bubble of Saturn is it

1491

01:04:11,990 --> 01:04:10,140

possible that without the scientific

1492

01:04:14,839 --> 01:04:12,000

terms to explain it they call this

1493

01:04:18,050 --> 01:04:14,849

cocoon this envelope the firmament I

1494

01:04:19,970 --> 01:04:18,060

don't know but I could see it I do think

1495

01:04:21,800 --> 01:04:19,980

one glaring hole here to be

1496

01:04:23,839 --> 01:04:21,810

intellectually honest and play devil's

1497

01:04:26,089 --> 01:04:23,849

advocate a bit about the electric

1498

01:04:29,870 --> 01:04:26,099

universe and of course walls

1499

01:04:32,060 --> 01:04:29,880

explanations aren't bad or wrong but if

1500

01:04:34,310 --> 01:04:32,070

we really have this type of space

1501

01:04:37,910 --> 01:04:34,320

observation we're led to believe we do

1502

01:04:40,130 --> 01:04:37,920

why have we never seen a system in the

1503

01:04:42,260 --> 01:04:40,140

formations described by the electric

1504

01:04:42,769 --> 01:04:42,270

universe model why don't we have one

1505

01:04:44,749 --> 01:04:42,779

single

1506

01:04:47,659 --> 01:04:44,759

example where we can look at it and say

1507

01:04:51,019 --> 01:04:47,669

see that planet in the plasma cocoon of

1508

01:04:53,509 --> 01:04:51,029

star to x1 1/9 Earth System was like

1509

01:04:56,120 --> 01:04:53,519

that at one time you know there's no

1510

01:04:58,339 --> 01:04:56,130

examples whatsoever that Sobers me up a

1511

01:05:00,890 --> 01:04:58,349

bit on this topic I gotta be honest but

1512

01:05:03,229 --> 01:05:00,900

walls point is that we can't see through

1513

01:05:06,529 --> 01:05:03,239

these plasma envelopes okay that is a

1514

01:05:09,079 --> 01:05:06,539

fair point I know it's difficult but we

1515

01:05:12,049 --> 01:05:09,089

can't find a single example anywhere I

1516

01:05:14,719 --> 01:05:12,059

think that is what we need for me to

1517

01:05:16,489 --> 01:05:14,729

really be satisfied here and even if we

1518

01:05:18,799 --> 01:05:16,499

can't see through it we're told that we

1519

01:05:21,099 --> 01:05:18,809

see stars form and explode we've

1520

01:05:24,439 --> 01:05:21,109

identified hundreds of systems out there

1521

01:05:27,079 --> 01:05:24,449

thousands have we ever seen one star

1522

01:05:28,969 --> 01:05:27,089

discharged to another that doesn't

1523

01:05:31,459 --> 01:05:28,979

require us to see through anything you

1524

01:05:33,439 --> 01:05:31,469

know but this is a process and like many

1525

01:05:36,349 --> 01:05:33,449

things we just don't have the smoking

1526

01:05:38,209 --> 01:05:36,359

gun yet and it's not a closed case so

1527

01:05:39,799 --> 01:05:38,219

don't think I'm [h__h] on the idea but

1528

01:05:41,719 --> 01:05:39,809

I do hope we find that type of

1529

01:05:43,519 --> 01:05:41,729

validation soon because I really want to

1530

01:05:46,159 --> 01:05:43,529

be sure about some of these things

1531

01:05:48,109 --> 01:05:46,169

great stuff though for me walls

1532

01:05:50,539 --> 01:05:48,119

scientific side of things is more

1533

01:05:53,209 --> 01:05:50,549

convincing than David Talbots mythology

1534

01:05:55,429 --> 01:05:53,219

and cave art side both important

1535

01:05:57,199 --> 01:05:55,439

complementary sides of the coin but if I

1536

01:05:59,390 --> 01:05:57,209

had to say what moves my needle further

1537

01:06:01,669 --> 01:05:59,400

it would be a show more like today's

1538

01:06:03,529 --> 01:06:01,679

love them both though and I hope you

1539

01:06:05,120 --> 01:06:03,539

find it interesting along with all the

1540

01:06:07,219 --> 01:06:05,130

implications and threads that I think

1541

01:06:09,589 --> 01:06:07,229

something like this ties together but

1542

01:06:11,779 --> 01:06:09,599

that is going to be it for the month we

1543

01:06:14,449 --> 01:06:11,789

made it and I did a better job with the

1544

01:06:16,729 --> 01:06:14,459

timing of episodes I think and really

1545

01:06:18,949 --> 01:06:16,739

not a weak spot to be seen in this

1546

01:06:22,009 --> 01:06:18,959

month's lineup in my honest opinion I

1547

01:06:24,469 --> 01:06:22,019

don't always achieve my vision for the

1548

01:06:26,959 --> 01:06:24,479

show but if someone was asking what a

1549

01:06:29,809 --> 01:06:26,969

near-perfect month looked like to me it

1550

01:06:32,419 --> 01:06:29,819

would be something like April 2016 a

1551

01:06:35,390 --> 01:06:32,429

good diet and health-related show dr.

1552

01:06:37,339 --> 01:06:35,400

Richard Jacobi sugar and nerves then a

1553

01:06:39,709 --> 01:06:37,349

pretty unique show with Alexander Cole

1554

01:06:42,140 --> 01:06:39,719

t-pin and Sylvia even Noah translating

1555

01:06:45,079 --> 01:06:42,150

James Corbett and the Rockefeller oil

1556

01:06:48,229 --> 01:06:45,089

story a good conspiracy 101 refresher

1557

01:06:49,969 --> 01:06:48,239

gotta have it there edy Haslem with dr.

1558

01:06:52,459 --> 01:06:49,979

Mary's monkey in the history behind the

1559

01:06:55,789 --> 01:06:52,469

polio vaccine talk about a mind-blower

1560

01:06:56,450 --> 01:06:55,799

and wal thornhill with the scientific

1561

01:06:59,089 --> 01:06:56,460

side

1562

01:07:01,640 --> 01:06:59,099

of the electric universe the perfect

1563

01:07:03,859 --> 01:07:01,650

icing on the higher side cake I would

1564

01:07:06,200 --> 01:07:03,869

say I mean that is a line up there's

1565

01:07:08,450 --> 01:07:06,210

many many guests I've had that I love

1566

01:07:11,300 --> 01:07:08,460

but if you're talking about the month by

1567

01:07:14,240 --> 01:07:11,310

month package this one does it for me

1568

01:07:16,250 --> 01:07:14,250

diverse everyone has experience or

1569

01:07:18,680 --> 01:07:16,260

evidence to back up their perspective to

1570

01:07:21,470 --> 01:07:18,690

a healthy degree I'd say everyone made

1571

01:07:24,740 --> 01:07:21,480

good convincing cases for their work big

1572

01:07:27,140 --> 01:07:24,750

thanks to all of them right give it up

1573

01:07:29,630 --> 01:07:27,150

and I'll have a little more to say in

1574

01:07:32,270 --> 01:07:29,640

the THC newsletter sign up for free at

1575

01:07:34,700 --> 01:07:32,280

the higher side chats calm or on the THC

1576

01:07:37,250 --> 01:07:34,710

Facebook page comes out on the first of

1577

01:07:39,890 --> 01:07:37,260

every month and I'll clue you in on a

1578

01:07:42,380 --> 01:07:39,900

show I got coming up in May as well as

1579

01:07:44,810 --> 01:07:42,390

my thoughts on the episodes we've done

1580

01:07:47,180 --> 01:07:44,820

and a couple other things but may

1581

01:07:49,609 --> 01:07:47,190

another lineup I think is going to be

1582

01:07:51,859 --> 01:07:49,619

very solid there's one of a little

1583

01:07:54,560 --> 01:07:51,869

sketchy on you know I try to shoot you

1584

01:07:56,750 --> 01:07:54,570

straight so there is one I have concerns

1585

01:07:59,060 --> 01:07:56,760

on the publisher sent me the book and I

1586

01:07:59,930 --> 01:07:59,070

was kind of like yeah but I think we can

1587

01:08:03,530 --> 01:07:59,940

make it interesting

1588

01:08:06,410 --> 01:08:03,540

I promise so trust me I try not to let

1589

01:08:08,359 --> 01:08:06,420

you down too often so sign up for plus

1590

01:08:10,339 --> 01:08:08,369

if you haven't five extra hours with

1591

01:08:12,380 --> 01:08:10,349

these guys on top of the archives should

1592

01:08:14,089 --> 01:08:12,390

be well worth it but if you can't do

1593

01:08:16,789 --> 01:08:14,099

that maybe just share the show or give

1594

01:08:18,410 --> 01:08:16,799

it a review as a showing of appreciation

1595

01:08:20,479 --> 01:08:18,420

or just keep listening that's really the

1596

01:08:23,059 --> 01:08:20,489

important thing this is my bread and

1597

01:08:25,490 --> 01:08:23,069

butter but I'm not here to talk your ear

1598

01:08:26,809 --> 01:08:25,500

off about things you already know so

1599

01:08:28,729 --> 01:08:26,819

with that I'm gonna get out of here and

1600

01:08:31,220 --> 01:08:28,739

I now declare this meeting of the

1601

01:08:33,110 --> 01:08:31,230

midnight society closed your move

1602

01:08:35,650 --> 01:08:33,120

Stephen Hawking string pullers and

1603

01:08:38,130 --> 01:08:35,660

sealers of the secret sciences you're

1604

01:08:41,500 --> 01:08:38,140

buckin

1605

01:08:44,140 --> 01:08:41,510

lucid dreams are so vivid cuz you go to

1606

01:08:47,170 --> 01:08:44,150

bed at 7:00 and your brain comes alive

1607

01:08:49,809 --> 01:08:47,180

cuz your hatred 9:00 to 5:00 you wake up

1608

01:08:52,300 --> 01:08:49,819

with a dread and make sure your cats are

1609

01:08:54,610 --> 01:08:52,310

fed did your brain talk to a ghost who

1610

01:08:58,690 --> 01:08:54,620

moved your coffee and a toast as you

1611

01:09:01,300 --> 01:08:58,700

listen to the higher side chats you get

1612

01:09:03,970 --> 01:09:01,310

to your desk and your boss says it's a

1613

01:09:06,430 --> 01:09:03,980

mess and your soul slowly goes to a

1614

01:09:11,040 --> 01:09:06,440

place when nothing grows when you think

1615

01:09:14,200 --> 01:09:11,050

he's not around you insert a SETI sound

1616

01:09:18,520 --> 01:09:14,210

vom says turn it down and you say it's

1617

01:09:21,400 --> 01:09:18,530

just the higher side chats oh do you

1618

01:09:26,290 --> 01:09:21,410

think you're being invited to Bohemian

1619

01:09:29,950 --> 01:09:26,300

Grove to a Bilderberg Club oh do you

1620

01:09:35,710 --> 01:09:29,960

think could be invited by Rasta to a

1621

01:09:41,260 --> 01:09:38,079

to the center of the

1622

01:09:45,459 --> 01:09:41,270

to the Marianas Trench your teeth begin

1623

01:09:49,510 --> 01:09:45,469

to clench from the sulphureous stench the

1624

01:09:53,770 --> 01:09:49,520

mask you give and ours and fit cuz

1625

01:09:59,240 --> 01:09:56,690

starting today you'll make plans to get

1626

01:10:02,030 --> 01:09:59,250

away there's no one to hold you down and

1627

01:10:04,880 --> 01:10:02,040

the what if start to drown when you wake

1628

01:10:07,730 --> 01:10:04,890

to the glare of a co fluorescent stare

1629

01:10:10,100 --> 01:10:07,740

and the light winks at you cuz its life

1630

01:10:13,940 --> 01:10:10,110

is almost through but it's holding gone

1631

01:10:34,200 --> 01:10:13,950

to quit time just like you it's time for

1632

01:10:38,110 --> 01:10:36,550

hey guys thanks for listening to the

1633

01:10:40,450 --> 01:10:38,120

first hour of the higher side chats

1634

01:10:42,520 --> 01:10:40,460

podcast with me Greg Carl wood if you

1635

01:10:44,890 --> 01:10:42,530

don't know there is a second hour to all

1636

01:10:46,600 --> 01:10:44,900

the episodes we do around here generally

1637

01:10:48,310 --> 01:10:46,610

we're able to get a lot deeper into the

1638

01:10:50,590 --> 01:10:48,320

topics and ideas that a guest is about

1639

01:10:53,470 --> 01:10:50,600

so if you enjoyed what you've heard from

1640

01:10:55,660 --> 01:10:53,480

THC for free consider signing up at the

1641

01:10:57,640 --> 01:10:55,670

higher side chats plus com to get the

1642

01:10:59,950 --> 01:10:57,650

second hour of the 5 shows I put

1643

01:11:01,870 --> 01:10:59,960

together each month I never really

1644

01:11:03,580 --> 01:11:01,880

wanted to be a paid subscriber podcast

1645

01:11:05,560 --> 01:11:03,590

but I really hate the idea of spending

1646

01:11:07,660 --> 01:11:05,570

airtime promoting some product that's

1647

01:11:09,310 --> 01:11:07,670

completely unrelated and telling you the

1648

01:11:12,100 --> 01:11:09,320

best way to support the show is to buy

1649

01:11:13,780 --> 01:11:12,110

an audio book or new underwear by mail

1650

01:11:16,330 --> 01:11:13,790

or something crazy like that so instead

1651

01:11:17,920 --> 01:11:16,340

if you like the show double your time

1652

01:11:20,020 --> 01:11:17,930

with it for five bucks a month and let's

1653

01:11:21,670 --> 01:11:20,030

cut out all the other [h__h] it's half the

1654

01:11:23,440 --> 01:11:21,680

price of a movie ticket and you get at

1655

01:11:26,050 --> 01:11:23,450

least an extra five hours of show a

1656

01:11:27,850 --> 01:11:26,060

month collectively it keeps us stable

1657

01:11:29,440 --> 01:11:27,860

and it frees me from wasting your time

1658

01:11:32,020 --> 01:11:29,450

with anything but the show you came to

1659

01:11:34,000 --> 01:11:32,030

listen to it's really the only way for

1660

01:11:35,800 --> 01:11:34,010

an independent one-man show to make it

1661

01:11:38,020 --> 01:11:35,810

and I do what I can so that it's worth

1662

01:11:40,000 --> 01:11:38,030

your while since we started this I've

1663

01:11:42,010 --> 01:11:40,010

always tried to use the subscriptions to

1664

01:11:44,590 --> 01:11:42,020

improve the podcast and make signups

1665

01:11:46,510 --> 01:11:44,600

more advantageous it started with just a

1666

01:11:48,160 --> 01:11:46,520

second hour for the main show but now

1667

01:11:50,230 --> 01:11:48,170

we've got a nice forum going where

1668

01:11:51,940 --> 01:11:50,240

people can get deeper in conversation

1669

01:11:54,850 --> 01:11:51,950

about the episodes with other listeners

1670

01:11:56,670 --> 01:11:54,860

submit a candidate in the guest request

1671

01:11:58,750 --> 01:11:56,680

thread or share their own personal

1672

01:12:00,820 --> 01:11:58,760

projects to get out of the soul-crushing

1673

01:12:03,430 --> 01:12:00,830

nine-to-five cog in the wheel life on

1674

01:12:04,870 --> 01:12:03,440

the entrepreneurs thread the forum in

1675

01:12:06,820 --> 01:12:04,880

the Plus comments they're always the

1676

01:12:09,040 --> 01:12:06,830

first places I try to go for listener

1677

01:12:11,440 --> 01:12:09,050

engagement but it does get harder as the

1678

01:12:13,270 --> 01:12:11,450

show gets more popular because of that

1679

01:12:14,740 --> 01:12:13,280

there's also a direct messaging feature

1680

01:12:17,560 --> 01:12:14,750

that you can use to reach me through the

1681

01:12:19,180 --> 01:12:17,570

plus site also but beyond the forum if

1682

01:12:21,370 --> 01:12:19,190

you like any of the music I've used for

1683

01:12:23,170 --> 01:12:21,380

THC most of it I've hired artists to

1684

01:12:25,420 --> 01:12:23,180

make and I provided all its free

1685

01:12:26,860 --> 01:12:25,430

downloads to plus members too so if you

1686

01:12:29,050 --> 01:12:26,870

like a particular song you've heard

1687

01:12:31,450 --> 01:12:29,060

close the show out recently come get the

1688

01:12:33,430 --> 01:12:31,460

mp3 I should also mention that if you

1689

01:12:35,770 --> 01:12:33,440

don't like the idea of paying \$5

1690

01:12:37,930 --> 01:12:35,780

recurring every month I get that you can

1691

01:12:40,300 --> 01:12:37,940

buy three months six months or a year

1692

01:12:42,040 --> 01:12:40,310

upfront and just be done with it I have

1693

01:12:43,690 --> 01:12:42,050

plenty of listeners who send checks and

1694

01:12:46,150 --> 01:12:43,700

money orders to the PIO box too

1695

01:12:47,740 --> 01:12:46,160

I try to make it as easy for people as I

1696

01:12:49,720 --> 01:12:47,750

can and you can read more about it on

1697

01:12:52,270 --> 01:12:49,730

the signup page also be sure to check

1698

01:12:53,680 --> 01:12:52,280

out the FAQ help page on the plus site

1699

01:12:54,940 --> 01:12:53,690

if you have any questions or concerns

1700

01:12:57,010 --> 01:12:54,950

about how to listen to a

1701
01:12:58,870 --> 01:12:57,020
password-protected show on your devices

1702
01:13:01,180 --> 01:12:58,880
I've highlighted a lot of great

1703
01:13:03,220 --> 01:13:01,190
solutions and one of those would be the

1704
01:13:05,770 --> 01:13:03,230
iPhone app that just recently hit the

1705
01:13:07,900 --> 01:13:05,780
Apple App Store a super kind and

1706
01:13:09,760 --> 01:13:07,910
talented listener made it for us and you

1707
01:13:11,920 --> 01:13:09,770
can use it to stream or download either

1708
01:13:14,890 --> 01:13:11,930
the free or the plus show if you're on

1709
01:13:16,450 --> 01:13:14,900
Android I'd use pocket casts or podcast

1710
01:13:19,060 --> 01:13:16,460
addict and subscribe to the feed

1711
01:13:21,760 --> 01:13:19,070
manually that way I also try to throw an

1712
01:13:23,740 --> 01:13:21,770
occasional bonus shows or QA shows and

1713
01:13:25,930 --> 01:13:23,750

I've got a few other weird ideas I might

1714

01:13:27,850 --> 01:13:25,940

get to try out soon but I give you all I

1715

01:13:29,530 --> 01:13:27,860

can for five bucks and I hope you'll at

1716

01:13:31,240 --> 01:13:29,540

least give it a shot if you've listened

1717

01:13:33,010 --> 01:13:31,250

to a few free shows and you find them

1718

01:13:34,810 --> 01:13:33,020

unique or valuable I know there's a lot

1719

01:13:36,940 --> 01:13:34,820

of podcasts out there and I'm just one

1720

01:13:38,770 --> 01:13:36,950

of them but if you have any questions

1721

01:13:40,300 --> 01:13:38,780

concerns or comments about any of this

1722

01:13:41,290 --> 01:13:40,310

please get in touch with us at the

1723

01:13:44,530 --> 01:13:41,300

higher side chats

1724

01:13:46,030 --> 01:13:44,540

team @ gmail.com I also wanted to plug

1725

01:13:48,070 --> 01:13:46,040

the higher side newsletter I'm gonna be

1726

01:13:49,900 --> 01:13:48,080

putting out totally free for anyone who

1727

01:13:51,850 --> 01:13:49,910

wants to sign up at the main internet

1728

01:13:52,990 --> 01:13:51,860

website for the show the higher side

1729

01:13:54,850 --> 01:13:53,000

chats com

1730

01:13:56,650 --> 01:13:54,860

you can also get on that email list

1731

01:13:58,960 --> 01:13:56,660

through the higher side chats Facebook

1732

01:14:00,430 --> 01:13:58,970

page there's a button there as well but

1733

01:14:02,950 --> 01:14:00,440

the reason I'm doing this is because I

1734

01:14:04,810 --> 01:14:02,960

get tons and tons of emails after a show

1735

01:14:06,940 --> 01:14:04,820

goes up asking me about how I feel about

1736

01:14:08,500 --> 01:14:06,950

a particular guest or topic and the

1737

01:14:10,480 --> 01:14:08,510

wrap-up isn't always the best place to

1738

01:14:12,490 --> 01:14:10,490

do that especially if I have anything

1739

01:14:14,350 --> 01:14:12,500

negative to say sometimes the dust needs

1740

01:14:16,810 --> 01:14:14,360

to settle sometimes they need to hear

1741

01:14:18,400 --> 01:14:16,820

feedback from you guys first there are a

1742

01:14:19,990 --> 01:14:18,410

lot of factors but I usually have

1743

01:14:22,600 --> 01:14:20,000

something to communicate to you and I

1744

01:14:22,960 --> 01:14:22,610

just don't get to do it so on the 1st of

1745

01:14:24,610 --> 01:14:22,970

the month

1746

01:14:26,500 --> 01:14:24,620

I plan to send out a little newsletter

1747

01:14:28,330 --> 01:14:26,510

with my thoughts about the 5 shows the

1748

01:14:30,370 --> 01:14:28,340

previous month and talk to you about

1749

01:14:32,740 --> 01:14:30,380

anything else that's on my mind or

1750

01:14:34,660 --> 01:14:32,750

that's going on and what's probably most

1751

01:14:36,490 --> 01:14:34,670

enticing is that I'm gonna give you some

1752

01:14:38,650 --> 01:14:36,500

insight into at least one guest I have

1753

01:14:40,630 --> 01:14:38,660

coming up in the month which people have

1754

01:14:42,850 --> 01:14:40,640

been begging for some posted schedule

1755

01:14:44,800 --> 01:14:42,860

for a long time I personally think I'd

1756

01:14:46,630 --> 01:14:44,810

like the surprise but sign up for the

1757

01:14:48,220 --> 01:14:46,640

higher side newsletter it's free it

1758

01:14:49,750 --> 01:14:48,230

comes out on the 1st of the month and I

1759

01:14:52,510 --> 01:14:49,760

won't waste your time with any other

1760

01:14:54,190 --> 01:14:52,520

emails and that's it I appreciate you

1761

01:14:56,140 --> 01:14:54,200

listening I try to give alternative

1762

01:14:57,580 --> 01:14:56,150

ideas and guests a fair shake on a

1763

01:14:59,709 --> 01:14:57,590

high-quality podcast

1764

01:15:01,810 --> 01:14:59,719

exposed some deep level conspiracies

1765

01:15:03,520 --> 01:15:01,820

without the yelling and I hope to offer

1766

01:15:05,649 --> 01:15:03,530

some inspiration that even though the

1767

01:15:07,959 --> 01:15:05,659

system relentlessly suggests you should

1768

01:15:09,790 --> 01:15:07,969

follow their blueprint to mediocrity you

1769

01:15:12,100 --> 01:15:09,800

can do your own thing and live a much

1770

01:15:13,959 --> 01:15:12,110

happier life despite all the negativity