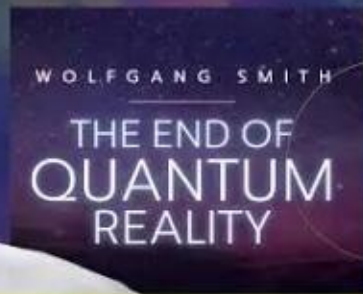
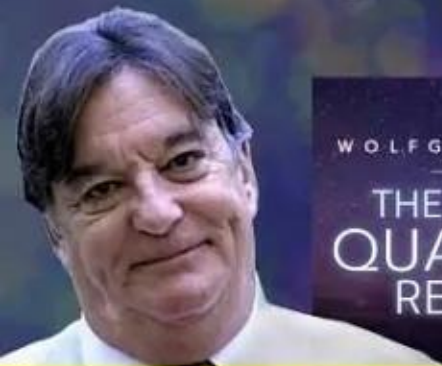


**Rick DeLano**  
**skeptiko #454**



**Quantum Catholics?**

**Skeptiko Topics:**

Consciousness Science  
Parapsychology  
Near-Death Experience  
Spirituality  
Skeptics/Skepticism  
Psi  
Psychics & Mediums  
Atheism  
UFO  
Neuroscience  
Conspiracy Theories  
Contactee Experience  
OBE

1  
00:00:02,810 --> 00:00:00,870

[Music]

2  
00:00:03,990 --> 00:00:02,820

come on guys we don't want to be late

3  
00:00:06,550 --> 00:00:04,000

[Music]

4  
00:00:08,390 --> 00:00:06,560

this is the gospel of the lord i see you

5  
00:00:10,470 --> 00:00:08,400

lord jesus christ

6  
00:00:11,749 --> 00:00:10,480

today's gospel talks about what the lord

7  
00:00:13,910 --> 00:00:11,759

has to give us

8  
00:00:15,270 --> 00:00:13,920

he did so because we could not control

9  
00:00:16,790 --> 00:00:15,280

our temptations

10  
00:00:20,790 --> 00:00:16,800

kind of like a priest in a room full of

11  
00:00:23,990 --> 00:00:22,630

okay okay let's let's try and have none

12  
00:00:26,630 --> 00:00:24,000

of that today

13  
00:00:27,830 --> 00:00:26,640

in john 3 16 the gospel tells us how god

14

00:00:30,150 --> 00:00:27,840

so loved the world

15

00:00:33,750 --> 00:00:30,160

he gave to us his only son and a

16

00:00:38,229 --> 00:00:36,389

okay that's south park talking about

17

00:00:39,350 --> 00:00:38,239

what it's like to go back to catholic

18

00:00:40,549 --> 00:00:39,360

church today

19

00:00:43,510 --> 00:00:40,559

and the connection with today's

20

00:00:46,310 --> 00:00:43,520

interview with rick delano who has a

21

00:00:48,869 --> 00:00:46,320

really outstanding new science movie out

22

00:00:52,470 --> 00:00:48,879

called the end of quantum reality

23

00:00:54,869 --> 00:00:52,480

about the work of dr wolfgang smith well

24

00:00:56,389 --> 00:00:54,879

the connection is that even though it's

25

00:00:58,950 --> 00:00:56,399

a great science film

26

00:01:01,750 --> 00:00:58,960

with beautiful cinematography i can't

27

00:01:04,149 --> 00:01:01,760

stop laughing about the catholic thing

28

00:01:05,750 --> 00:01:04,159

you did a great job of educating us on

29

00:01:08,950 --> 00:01:05,760

something that we always know

30

00:01:11,830 --> 00:01:08,960

and that is how solid

31

00:01:13,190 --> 00:01:11,840

quantum physics is because one of the

32

00:01:15,270 --> 00:01:13,200

tricks that's been done

33

00:01:16,950 --> 00:01:15,280

here to get away from the philosophical

34

00:01:21,510 --> 00:01:16,960

implications of quantum physics

35

00:01:24,310 --> 00:01:21,520

is to make it sound woo-woo or fluffy

36

00:01:26,550 --> 00:01:24,320

you just don't get it rick i mean you

37

00:01:30,149 --> 00:01:26,560

don't understand why

38

00:01:33,350 --> 00:01:30,159

non-christians like me are just

39

00:01:35,910 --> 00:01:33,360

stunned how any really bright

40

00:01:36,550 --> 00:01:35,920

intelligent person that you are can buy

41

00:01:39,670 --> 00:01:36,560

into

42

00:01:44,469 --> 00:01:39,680

such a wacky cosmology there is

43

00:01:48,630 --> 00:01:44,479

no remote point of congruence

44

00:01:52,069 --> 00:01:48,640

between the straw man on your screen

45

00:01:56,190 --> 00:01:52,079

and the actual content of christian

46

00:01:59,109 --> 00:01:56,200

revelation any christian knows that

47

00:02:00,950 --> 00:01:59,119

instantaneously welcome to skeptico

48

00:02:02,149 --> 00:02:00,960

where we explore controversial science

49

00:02:04,469 --> 00:02:02,159

and spirituality

50

00:02:05,350 --> 00:02:04,479

with leading researchers thinkers and

51

00:02:07,830 --> 00:02:05,360

their critics

52

00:02:08,469 --> 00:02:07,840

i'm your host alex sacaris and today we

53

00:02:12,229 --> 00:02:08,479

welcome

54

00:02:15,350 --> 00:02:12,239

rick delano to skeptico rick is

55

00:02:18,390 --> 00:02:15,360

a guy who has a terrific new movie out

56

00:02:20,630 --> 00:02:18,400

called the end of quantum reality

57

00:02:21,510 --> 00:02:20,640

it's a movie that explores the work of

58

00:02:24,550 --> 00:02:21,520

physicist

59

00:02:29,270 --> 00:02:24,560

dr wolfgang smith and it builds

60

00:02:31,910 --> 00:02:29,280

a very strong scientific based case

61

00:02:33,110 --> 00:02:31,920

against the biological robot meaningless

62

00:02:36,070 --> 00:02:33,120

universe

63

00:02:37,190 --> 00:02:36,080

meme that we talk about so much on this

64

00:02:40,309 --> 00:02:37,200

show

65

00:02:41,990 --> 00:02:40,319

here's a clip from the trailer of the

66

00:02:44,949 --> 00:02:42,000

movie

67

00:02:46,869 --> 00:02:44,959

no one understands quantum theory a

68

00:02:47,990 --> 00:02:46,879

multitude of competing theories have

69

00:02:50,470 --> 00:02:48,000

been advanced

70

00:02:52,550 --> 00:02:50,480

which strike the uninitiated as ranging

71

00:02:56,470 --> 00:02:52,560

from the more or less weird

72

00:02:58,550 --> 00:02:56,480

to the patently absurd it's not just in

73

00:02:59,589 --> 00:02:58,560

physics it's in everything everything is

74

00:03:01,790 --> 00:02:59,599

conspiring

75

00:03:03,190 --> 00:03:01,800

to what the physicist would call a

76

00:03:05,589 --> 00:03:03,200

singularity

77

00:03:08,229 --> 00:03:05,599

where things just break down and they

78

00:03:09,509 --> 00:03:08,239

can't go on the way they have been going

79

00:03:11,750 --> 00:03:09,519

on

80

00:03:14,390 --> 00:03:11,760

it is time to take stock of what has

81

00:03:17,990 --> 00:03:14,400

befallen us

82

00:03:20,869 --> 00:03:18,000

time to break the spell

83

00:03:22,270 --> 00:03:20,879

the world view of classical physics has

84

00:03:26,550 --> 00:03:22,280

been broken

85

00:03:28,869 --> 00:03:26,560

irretrievably okay that might be a place

86

00:03:31,430 --> 00:03:28,879

where we could pause

87

00:03:32,070 --> 00:03:31,440

rick welcome to skeptico thanks so much

88

00:03:36,070 --> 00:03:32,080

for joining

89

00:03:38,949 --> 00:03:36,080

me thank you so much for having me alex

90

00:03:39,270 --> 00:03:38,959

well i have to say you are one talented

91

00:03:41,190 --> 00:03:39,280

guy

92

00:03:42,470 --> 00:03:41,200

i was watching this movie which for

93

00:03:44,149 --> 00:03:42,480

anyone who saw it

94

00:03:46,070 --> 00:03:44,159

the clip i was just playing is

95

00:03:49,110 --> 00:03:46,080

absolutely visually

96

00:03:52,149 --> 00:03:49,120

fantastic beautifully well done graphics

97

00:03:53,110 --> 00:03:52,159

animations cinematography i'm watching

98

00:03:55,670 --> 00:03:53,120

it i'm thinking

99

00:03:57,509 --> 00:03:55,680

where did they get this guy to narrate

100

00:03:58,710 --> 00:03:57,519

this film i'm serious i'm serious that

101  
00:04:00,470 --> 00:03:58,720  
was my first thought

102  
00:04:02,390 --> 00:04:00,480  
and then i looked you were the writer

103  
00:04:05,750 --> 00:04:02,400  
director narrator

104  
00:04:07,509 --> 00:04:05,760  
i mean you is your baby so

105  
00:04:09,110 --> 00:04:07,519  
i was dying to know a little bit about

106  
00:04:12,710 --> 00:04:09,120  
your background

107  
00:04:14,070 --> 00:04:12,720  
and how you came to do this well it's

108  
00:04:15,830 --> 00:04:14,080  
really interesting i

109  
00:04:17,590 --> 00:04:15,840  
i am the writer and the narrator and the

110  
00:04:20,870 --> 00:04:17,600  
producer my dear

111  
00:04:24,310 --> 00:04:20,880  
associate kt thomas is the director

112  
00:04:25,430 --> 00:04:24,320  
and uh i sort of fell into this business

113  
00:04:29,270 --> 00:04:25,440

not by choice

114

00:04:32,469 --> 00:04:29,280

or by uh design but

115

00:04:34,390 --> 00:04:32,479

a dear friend of mine had decided to

116

00:04:35,990 --> 00:04:34,400

make a film about the copernican

117

00:04:39,430 --> 00:04:36,000

principle back in

118

00:04:41,110 --> 00:04:39,440

about 2010 and while i

119

00:04:42,790 --> 00:04:41,120

do have extensive experience in the

120

00:04:44,790 --> 00:04:42,800

music business

121

00:04:46,629 --> 00:04:44,800

my friend thought that since i was a

122

00:04:47,670 --> 00:04:46,639

hollywood producer that meant i would

123

00:04:49,749 --> 00:04:47,680

know something about

124

00:04:50,950 --> 00:04:49,759

movies no i was a hollywood music

125

00:04:54,390 --> 00:04:50,960

producer

126  
00:04:57,670 --> 00:04:54,400  
knew absolutely nothing about filmmaking

127  
00:04:59,510 --> 00:04:57,680  
but one thing led to another and he

128  
00:05:00,790 --> 00:04:59,520  
could not find anyone that he really

129  
00:05:03,670 --> 00:05:00,800  
trusted to

130  
00:05:06,550 --> 00:05:03,680  
make the film and that is how i became a

131  
00:05:09,510 --> 00:05:06,560  
film producer with the principal in 2014

132  
00:05:10,150 --> 00:05:09,520  
was released in 2014 and the most

133  
00:05:11,909 --> 00:05:10,160  
remarkable

134  
00:05:13,350 --> 00:05:11,919  
thing happened i mean for about three

135  
00:05:14,870 --> 00:05:13,360  
weeks it became

136  
00:05:16,870 --> 00:05:14,880  
probably one of the biggest three

137  
00:05:18,870 --> 00:05:16,880  
stories in the world

138  
00:05:20,390 --> 00:05:18,880

which is highly unusual for an

139

00:05:23,430 --> 00:05:20,400

independently produced

140

00:05:24,550 --> 00:05:23,440

uh scientific documentary but of course

141

00:05:27,749 --> 00:05:24,560

we touched a nerve

142

00:05:29,990 --> 00:05:27,759

with that film and uh that film was an

143

00:05:33,189 --> 00:05:30,000

examination of our science

144

00:05:36,830 --> 00:05:33,199

in the very large on the very largest

145

00:05:37,990 --> 00:05:36,840

scales of the world we look at the

146

00:05:40,310 --> 00:05:38,000

cosmos

147

00:05:41,990 --> 00:05:40,320

and that is of course the science of

148

00:05:45,189 --> 00:05:42,000

cosmology

149

00:05:48,950 --> 00:05:45,199

so the principle examined the very very

150

00:05:52,550 --> 00:05:48,960

serious challenges to our present

151

00:05:55,430 --> 00:05:52,560

big bang world view that he's latest

152

00:05:57,189 --> 00:05:55,440

observations of the cosmos have brought

153

00:06:00,469 --> 00:05:57,199

to light

154

00:06:04,150 --> 00:06:00,479

and the other and i would argue

155

00:06:07,670 --> 00:06:04,160

even more profound paradoxes

156

00:06:09,430 --> 00:06:07,680

confronting our present world story

157

00:06:11,510 --> 00:06:09,440

are those which are found at the

158

00:06:14,950 --> 00:06:11,520

opposite end of the scale

159

00:06:18,230 --> 00:06:14,960

down in the very very small which is the

160

00:06:20,950 --> 00:06:18,240

realm in the domain of quantum mechanics

161

00:06:22,790 --> 00:06:20,960

and so it seemed to me to be a necessary

162

00:06:26,469 --> 00:06:22,800

and logical

163

00:06:29,909 --> 00:06:26,479

next step to examine

164

00:06:30,870 --> 00:06:29,919

the paradoxes of science in the very

165

00:06:33,189 --> 00:06:30,880

small

166

00:06:34,469 --> 00:06:33,199

and this of course led me to dr wolfing

167

00:06:37,830 --> 00:06:34,479

smith and his

168

00:06:41,909 --> 00:06:37,840

profound work over decades

169

00:06:44,550 --> 00:06:41,919

on this so-called quantum reality

170

00:06:46,469 --> 00:06:44,560

problem which has really bedeviled

171

00:06:47,590 --> 00:06:46,479

physics since the discovery of corporate

172

00:06:50,550 --> 00:06:47,600

mechanics

173

00:06:52,469 --> 00:06:50,560

and so that is the genesis of the film

174

00:06:54,150 --> 00:06:52,479

the end of quote from reality

175

00:06:55,670 --> 00:06:54,160

well yes i mean certainly and this is

176

00:06:56,390 --> 00:06:55,680

something we've talked a lot about on

177

00:07:00,150 --> 00:06:56,400

this show

178

00:07:03,950 --> 00:07:00,160

is the the whole quantum physics thing

179

00:07:06,469 --> 00:07:03,960

really blows away this dumbed down

180

00:07:08,150 --> 00:07:06,479

materialistic you're a biological robot

181

00:07:11,270 --> 00:07:08,160

and a meaningless universe thing

182

00:07:13,749 --> 00:07:11,280

your movie does a fantastic job

183

00:07:14,629 --> 00:07:13,759

of breaking that down and building it up

184

00:07:17,830 --> 00:07:14,639

from the ground up

185

00:07:19,350 --> 00:07:17,840

in terms of solid physics and also i

186

00:07:21,270 --> 00:07:19,360

think he did a great job of

187

00:07:22,950 --> 00:07:21,280

educating us re-educating us on

188

00:07:26,390 --> 00:07:22,960

something that we always know

189

00:07:29,350 --> 00:07:26,400

and that is how solid

190

00:07:30,710 --> 00:07:29,360

quantum physics is because one of the

191

00:07:32,790 --> 00:07:30,720

tricks that's been done

192

00:07:34,469 --> 00:07:32,800

here to get away from the philosophical

193

00:07:38,309 --> 00:07:34,479

implications of quantum physics

194

00:07:39,909 --> 00:07:38,319

is to make it sound woo-woo or fluffy or

195

00:07:40,629 --> 00:07:39,919

something like that and what your movie

196

00:07:43,029 --> 00:07:40,639

really

197

00:07:44,469 --> 00:07:43,039

kind of nails if it doesn't nail a lot

198

00:07:46,950 --> 00:07:44,479

of other things is that

199

00:07:47,830 --> 00:07:46,960

hey man this has given us a more precise

200

00:07:50,790 --> 00:07:47,840

scientific

201  
00:07:51,589 --> 00:07:50,800  
measure of reality than almost anything

202  
00:07:53,189 --> 00:07:51,599  
else we've ever

203  
00:07:56,309 --> 00:07:53,199  
encountered so do you maybe want to

204  
00:07:59,510 --> 00:07:56,319  
speak to speak to that in general

205  
00:08:00,710 --> 00:07:59,520  
yeah it is one of the most important

206  
00:08:05,670 --> 00:08:00,720  
things

207  
00:08:09,270 --> 00:08:05,680  
to understand about dr smith is that

208  
00:08:12,070 --> 00:08:09,280  
by the time the man was 14 he had been

209  
00:08:14,309 --> 00:08:12,080  
brought from austria to escape the nazis

210  
00:08:15,749 --> 00:08:14,319  
and had applied to cornell university at

211  
00:08:19,189 --> 00:08:15,759  
age 14

212  
00:08:22,790 --> 00:08:19,199  
for a study in physics

213  
00:08:25,029 --> 00:08:22,800

mathematics and philosophy and

214

00:08:26,869 --> 00:08:25,039

by the time he was 18 he had his degrees

215

00:08:28,469 --> 00:08:26,879

in all three by the time he was 20 he

216

00:08:29,990 --> 00:08:28,479

had a graduate degree in quantum

217

00:08:33,589 --> 00:08:30,000

mechanics

218

00:08:37,029 --> 00:08:33,599

and he was trained back in the

219

00:08:39,990 --> 00:08:37,039

what i would call the golden age

220

00:08:41,990 --> 00:08:40,000

of quantum mechanics he was literally at

221

00:08:45,350 --> 00:08:42,000

cornell when richard feynman

222

00:08:49,750 --> 00:08:45,360

was at cornell these guys were trained

223

00:08:52,230 --> 00:08:49,760

in the most rigorous imaginable way

224

00:08:53,030 --> 00:08:52,240

and of course back then we didn't have

225

00:08:57,350 --> 00:08:53,040

uh

226

00:08:59,750 --> 00:08:57,360

this flourishing garden of

227

00:09:01,030 --> 00:08:59,760

the reality marketplace where everybody

228

00:09:03,030 --> 00:09:01,040

under the sun can

229

00:09:05,110 --> 00:09:03,040

advance a different interpretation of

230

00:09:06,470 --> 00:09:05,120

what quantum mechanics means

231

00:09:08,070 --> 00:09:06,480

excuse me rick but the other thing we

232

00:09:09,509 --> 00:09:08,080

didn't have is computers i mean when you

233

00:09:10,790 --> 00:09:09,519

look at the pictures of feynman one of

234

00:09:13,509 --> 00:09:10,800

the things that blows me away

235

00:09:14,710 --> 00:09:13,519

is it's that old school chalkboard as

236

00:09:17,509 --> 00:09:14,720

big as the room

237

00:09:19,670 --> 00:09:17,519

filled with formulas and you had to sit

238

00:09:20,389 --> 00:09:19,680

up there and you had to be able to do

239

00:09:22,230 --> 00:09:20,399

the math

240

00:09:23,670 --> 00:09:22,240

at a level that probably there aren't a

241

00:09:25,670 --> 00:09:23,680

handful of people in the world today

242

00:09:27,190 --> 00:09:25,680

that could do the math at that level

243

00:09:29,750 --> 00:09:27,200

you had to make it right because you had

244

00:09:30,630 --> 00:09:29,760

a room full of really super smart kids

245

00:09:33,829 --> 00:09:30,640

who would sit there and go

246

00:09:36,389 --> 00:09:33,839

hey uh over here row three line four

247

00:09:39,269 --> 00:09:36,399

you missed this dr feinman yeah the

248

00:09:43,350 --> 00:09:39,279

rigor you're absolutely right the rigor

249

00:09:45,750 --> 00:09:43,360

of the formation the necessity to do

250

00:09:48,150 --> 00:09:45,760

one's own calculations

251  
00:09:50,230 --> 00:09:48,160  
quantum mechanics is a quintessentially

252  
00:09:53,670 --> 00:09:50,240  
mathematical theory

253  
00:09:54,870 --> 00:09:53,680  
and the great question in the quantum

254  
00:09:58,230 --> 00:09:54,880  
reality problem

255  
00:10:01,030 --> 00:09:58,240  
is what do these mathematical

256  
00:10:01,990 --> 00:10:01,040  
operators in the theory what do they

257  
00:10:05,190 --> 00:10:02,000  
mean

258  
00:10:08,310 --> 00:10:05,200  
that we

259  
00:10:12,069 --> 00:10:08,320  
experience every day and having to do

260  
00:10:15,269 --> 00:10:12,079  
these problems and understand precisely

261  
00:10:18,949 --> 00:10:15,279  
what each one of these operators

262  
00:10:20,230 --> 00:10:18,959  
actually means in terms of a physical

263  
00:10:23,269 --> 00:10:20,240

prediction

264

00:10:26,310 --> 00:10:23,279

and a physical outcome this i think

265

00:10:29,430 --> 00:10:26,320

had a great deal to do with dr smith's

266

00:10:32,550 --> 00:10:29,440

early acceptance of quantum mechanics

267

00:10:34,389 --> 00:10:32,560

as the foundation of physics the physics

268

00:10:37,430 --> 00:10:34,399

finally after a 400

269

00:10:41,030 --> 00:10:37,440

year search for the bottom of the pool

270

00:10:44,470 --> 00:10:41,040

so to speak had finally arrived

271

00:10:45,590 --> 00:10:44,480

at its fundamental level with quantum

272

00:10:48,069 --> 00:10:45,600

mechanics

273

00:10:49,430 --> 00:10:48,079

and he the first thing to understand

274

00:10:52,069 --> 00:10:49,440

about his resolution

275

00:10:52,670 --> 00:10:52,079

of the quantum reality problem is that

276

00:10:56,230 --> 00:10:52,680

he

277

00:10:57,110 --> 00:10:56,240

absolutely accepts quantum mechanics as

278

00:11:00,710 --> 00:10:57,120

a correct

279

00:11:03,110 --> 00:11:00,720

physical theory and anytime i bring to

280

00:11:05,430 --> 00:11:03,120

him one of these new articles where

281

00:11:07,829 --> 00:11:05,440

oh we've made time run backwards oh

282

00:11:09,509 --> 00:11:07,839

we've we've uh proved that there's other

283

00:11:12,790 --> 00:11:09,519

universes out there

284

00:11:13,030 --> 00:11:12,800

he simply laughs and he says when they

285

00:11:16,150 --> 00:11:13,040

are

286

00:11:16,870 --> 00:11:16,160

able to falsify quantum mechanics let me

287

00:11:19,590 --> 00:11:16,880

know

288

00:11:20,630 --> 00:11:19,600

and until then i really have nothing to

289

00:11:23,990 --> 00:11:20,640

say to them

290

00:11:27,110 --> 00:11:24,000

so he is old school he is a

291

00:11:29,910 --> 00:11:27,120

an exemplar of the golden age

292

00:11:31,030 --> 00:11:29,920

of quantum mechanics and he is not

293

00:11:34,069 --> 00:11:31,040

easily

294

00:11:35,190 --> 00:11:34,079

bamboozled by some of the popular

295

00:11:38,310 --> 00:11:35,200

science

296

00:11:39,350 --> 00:11:38,320

that is retailed these days uh under the

297

00:11:41,750 --> 00:11:39,360

rubric

298

00:11:42,710 --> 00:11:41,760

of quote interpretations of quantum

299

00:11:44,790 --> 00:11:42,720

mechanics

300

00:11:46,630 --> 00:11:44,800

rick the movie really is terrific and i

301  
00:11:48,470 --> 00:11:46,640  
encourage anyone who

302  
00:11:50,230 --> 00:11:48,480  
enjoys the kind of stuff we talk about

303  
00:11:52,470 --> 00:11:50,240  
on skeptico

304  
00:11:53,670 --> 00:11:52,480  
to watch it because it really does have

305  
00:11:56,069 --> 00:11:53,680  
this great breakdown of

306  
00:11:57,590 --> 00:11:56,079  
the way that you're talking about but

307  
00:11:59,350 --> 00:11:57,600  
and you knew there was a butt coming

308  
00:12:01,590 --> 00:11:59,360  
there's actually a couple of

309  
00:12:03,509 --> 00:12:01,600  
butts coming and i did give you a heads

310  
00:12:04,629 --> 00:12:03,519  
up prior to the show and told you some

311  
00:12:08,230 --> 00:12:04,639  
of the things i'm going

312  
00:12:11,910 --> 00:12:08,240  
after and so one of them relates to

313  
00:12:12,550 --> 00:12:11,920

again another part of the of the trailer

314

00:12:14,949 --> 00:12:12,560

actually

315

00:12:19,829 --> 00:12:14,959

so let me play that and then i'll get

316

00:12:24,949 --> 00:12:23,350

we all knew it was coming every pillar

317

00:12:27,990 --> 00:12:24,959

was wobbling at once

318

00:12:31,829 --> 00:12:28,000

political financial religious

319

00:12:34,230 --> 00:12:31,839

military and of course scientific

320

00:12:35,670 --> 00:12:34,240

looking back it is as if we were

321

00:12:38,710 --> 00:12:35,680

hypnotized

322

00:12:41,829 --> 00:12:38,720

and we were no one understands

323

00:12:44,230 --> 00:12:41,839

quantum theory so we have a great

324

00:12:45,590 --> 00:12:44,240

science movie here which is 90 of what

325

00:12:47,550 --> 00:12:45,600

the show's all about but the very

326

00:12:51,110 --> 00:12:47,560

beginning you have this kind of

327

00:12:54,150 --> 00:12:51,120

apocalyptic the world i mean

328

00:12:55,190 --> 00:12:54,160

it's completely to me disconnected to

329

00:12:57,269 --> 00:12:55,200

the science and

330

00:12:59,670 --> 00:12:57,279

i'm into the science i've interviewed a

331

00:13:00,949 --> 00:12:59,680

ton of physicists and quantum physicists

332

00:13:02,790 --> 00:13:00,959

and all those people

333

00:13:05,590 --> 00:13:02,800

there's i don't get the connection to

334

00:13:08,710 --> 00:13:05,600

the apocalyptic stuff

335

00:13:10,949 --> 00:13:08,720

well it is uh fundamental to the film so

336

00:13:13,110 --> 00:13:10,959

let me address it

337

00:13:14,310 --> 00:13:13,120

the reason that we made the film is

338

00:13:17,110 --> 00:13:14,320

because

339

00:13:18,069 --> 00:13:17,120

it has become abundantly clear to dr

340

00:13:21,030 --> 00:13:18,079

smith

341

00:13:22,069 --> 00:13:21,040

and to many other observers by the way

342

00:13:24,069 --> 00:13:22,079

that

343

00:13:25,509 --> 00:13:24,079

we are approaching a moment in history

344

00:13:29,190 --> 00:13:25,519

that has no precedent

345

00:13:31,829 --> 00:13:29,200

in at least the last 400 years

346

00:13:33,269 --> 00:13:31,839

and what happened 400 years ago is that

347

00:13:37,430 --> 00:13:33,279

the entire

348

00:13:40,710 --> 00:13:37,440

world story of western humanity

349

00:13:41,509 --> 00:13:40,720

was overturned when copernicus came

350

00:13:45,509 --> 00:13:41,519

along

351  
00:13:49,189 --> 00:13:45,519  
and formulated the heliocentric cosmos

352  
00:13:51,670 --> 00:13:49,199  
newton came along and provided us

353  
00:13:53,269 --> 00:13:51,680  
a mathematical physics which would

354  
00:13:55,670 --> 00:13:53,279  
explain

355  
00:13:56,949 --> 00:13:55,680  
why the planets were actually moving

356  
00:14:00,310 --> 00:13:56,959  
around the sun

357  
00:14:03,509 --> 00:14:00,320  
etc etc this was a

358  
00:14:06,790 --> 00:14:03,519  
probably the biggest change

359  
00:14:09,269 --> 00:14:06,800  
in the story that humanity tells

360  
00:14:09,990 --> 00:14:09,279  
itself about the world and its place in

361  
00:14:13,590 --> 00:14:10,000  
it

362  
00:14:16,870 --> 00:14:13,600  
since the gospels and for 400 years

363  
00:14:19,430 --> 00:14:16,880

that story has been elaborated

364

00:14:20,389 --> 00:14:19,440

on a greater and greater and greater

365

00:14:22,310 --> 00:14:20,399

scale

366

00:14:24,310 --> 00:14:22,320

remember 400 years ago we were the

367

00:14:25,430 --> 00:14:24,320

center of the universe and everything

368

00:14:28,829 --> 00:14:25,440

revolved around

369

00:14:30,470 --> 00:14:28,839

us and that's a certain picture of the

370

00:14:32,629 --> 00:14:30,480

world

371

00:14:33,750 --> 00:14:32,639

beginning with the copernican revolution

372

00:14:37,030 --> 00:14:33,760

and basically

373

00:14:40,790 --> 00:14:37,040

all of science since then has been

374

00:14:42,629 --> 00:14:40,800

a successive emotion of our place in the

375

00:14:46,629 --> 00:14:42,639

cosmos to a less

376

00:14:48,949 --> 00:14:46,639

and less and less significant position

377

00:14:49,870 --> 00:14:48,959

and of course this demotion has been

378

00:14:53,750 --> 00:14:49,880

accompanied by

379

00:14:55,910 --> 00:14:53,760

magnificent scientific miracles

380

00:14:59,350 --> 00:14:55,920

the accomplishments of the scientific

381

00:15:01,910 --> 00:14:59,360

enterprise have been so profound

382

00:15:03,350 --> 00:15:01,920

and the miracles our miracles come from

383

00:15:05,829 --> 00:15:03,360

laboratory

384

00:15:07,590 --> 00:15:05,839

and there have been quite a large number

385

00:15:11,590 --> 00:15:07,600

of them

386

00:15:13,750 --> 00:15:11,600

but as quite often happens

387

00:15:15,189 --> 00:15:13,760

just at the point that you reach out to

388

00:15:18,710 --> 00:15:15,199

grab the brass

389

00:15:19,590 --> 00:15:18,720

ring on this great project to reduce the

390

00:15:22,069 --> 00:15:19,600

world

391

00:15:25,350 --> 00:15:22,079

to that which can be described without

392

00:15:28,870 --> 00:15:25,360

residue by mathematics by physics

393

00:15:31,670 --> 00:15:28,880

the whole project collapses

394

00:15:34,550 --> 00:15:31,680

and collapses specifically and exactly

395

00:15:37,509 --> 00:15:34,560

with the discovery of quantum mechanics

396

00:15:38,949 --> 00:15:37,519

because this 400 year arc of human

397

00:15:43,430 --> 00:15:38,959

history was based on

398

00:15:46,389 --> 00:15:43,440

one fundamental metaphysical assumption

399

00:15:47,030 --> 00:15:46,399

the idea that when you get down to the

400

00:15:50,389 --> 00:15:47,040

bottom

401  
00:15:51,269 --> 00:15:50,399  
of the world you get these fundamental

402  
00:15:54,389 --> 00:15:51,279  
particles

403  
00:15:56,949 --> 00:15:54,399  
whether you call them atoms or quanta

404  
00:15:59,350 --> 00:15:56,959  
or whatever you want to call them all of

405  
00:16:00,790 --> 00:15:59,360  
physics over the past 400 years has

406  
00:16:04,310 --> 00:16:00,800  
essentially been

407  
00:16:07,350 --> 00:16:04,320  
a reductionist research program

408  
00:16:09,910 --> 00:16:07,360  
to get down to the bottom of the world

409  
00:16:11,670 --> 00:16:09,920  
in these little fundamental particles

410  
00:16:14,710 --> 00:16:11,680  
and the equations and

411  
00:16:15,990 --> 00:16:14,720  
fields and forces that are associated

412  
00:16:20,550 --> 00:16:16,000  
with them

413  
00:16:23,269 --> 00:16:20,560

that project catastrophically fails

414

00:16:24,310 --> 00:16:23,279

at the beginning of the 20th century

415

00:16:27,670 --> 00:16:24,320

with the

416

00:16:30,230 --> 00:16:27,680

discovery of quantum mechanics now

417

00:16:31,350 --> 00:16:30,240

i am sure alex that at some point in

418

00:16:33,509 --> 00:16:31,360

your life

419

00:16:34,790 --> 00:16:33,519

you have encountered someone who has

420

00:16:36,629 --> 00:16:34,800

said to you

421

00:16:38,870 --> 00:16:36,639

at some point under some set of

422

00:16:40,150 --> 00:16:38,880

circumstances something along the lines

423

00:16:43,350 --> 00:16:40,160

of

424

00:16:47,189 --> 00:16:43,360

dude that's your reality

425

00:16:48,870 --> 00:16:47,199

right you've heard that right

426  
00:16:50,389 --> 00:16:48,880  
yeah but you're not getting to the point

427  
00:16:50,870 --> 00:16:50,399  
of what i'm talking about i mean that's

428  
00:16:53,910 --> 00:16:50,880  
this is

429  
00:16:57,110 --> 00:16:53,920  
time

430  
00:17:00,389 --> 00:16:57,120  
this is in fact apocalyptic

431  
00:17:02,790 --> 00:17:00,399  
alex once you have arrived at the point

432  
00:17:06,390 --> 00:17:02,800  
in the civilization's development

433  
00:17:09,590 --> 00:17:06,400  
where every single person on earth

434  
00:17:13,110 --> 00:17:09,600  
is entitled to their own

435  
00:17:13,590 --> 00:17:13,120  
reality such such a condition is so far

436  
00:17:19,829 --> 00:17:13,600  
beyond

437  
00:17:23,230 --> 00:17:19,839  
anything of pagan antiquity in its

438  
00:17:24,710 --> 00:17:23,240

profound rejection of even the

439

00:17:27,909 --> 00:17:24,720

possibility

440

00:17:28,630 --> 00:17:27,919

of objective truth that as wolfgang

441

00:17:30,870 --> 00:17:28,640

smith

442

00:17:32,630 --> 00:17:30,880

very profoundly points out in the film

443

00:17:36,110 --> 00:17:32,640

this is the

444

00:17:39,350 --> 00:17:36,120

end of the road for that

445

00:17:43,350 --> 00:17:39,360

400-year arc of human history

446

00:17:47,029 --> 00:17:43,360

that has led us to these profound

447

00:17:49,990 --> 00:17:47,039

uh paradoxes in quantum mechanics so

448

00:17:50,789 --> 00:17:50,000

the trailer says every pillar was

449

00:17:53,590 --> 00:17:50,799

wobbling

450

00:17:54,630 --> 00:17:53,600

at once well i'll tell you when we made

451  
00:17:57,350 --> 00:17:54,640  
that trailer

452  
00:17:57,990 --> 00:17:57,360  
the the dow was humming along everything

453  
00:18:01,350 --> 00:17:58,000  
was

454  
00:18:04,710 --> 00:18:01,360  
peachy keen marvy pooh and we now

455  
00:18:07,909 --> 00:18:04,720  
look at a civilization that is literally

456  
00:18:10,710 --> 00:18:07,919  
collapsing in front of our eyes

457  
00:18:11,590 --> 00:18:10,720  
with all due respect alex that's a big

458  
00:18:14,789 --> 00:18:11,600  
deal

459  
00:18:17,990 --> 00:18:14,799  
with all due respect this is apocalyptic

460  
00:18:20,630 --> 00:18:18,000  
we are reaching the end of one very

461  
00:18:22,630 --> 00:18:20,640  
profound arc of human history

462  
00:18:24,870 --> 00:18:22,640  
and it is happening directly in front of

463  
00:18:28,070 --> 00:18:24,880

our eyes

464

00:18:29,270 --> 00:18:28,080

maybe i'm not i'm not a believer in that

465

00:18:31,270 --> 00:18:29,280

especially when you

466

00:18:32,870 --> 00:18:31,280

look at the science especially the s p

467

00:18:35,110 --> 00:18:32,880

last outlook is it 3 000

468

00:18:37,270 --> 00:18:35,120

i don't know how it's at 3 000 but it's

469

00:18:37,669 --> 00:18:37,280

at 3 000 after corona and all the rest

470

00:18:44,230 --> 00:18:37,679

that

471

00:18:45,990 --> 00:18:44,240

is i i just put up on the screen the

472

00:18:48,070 --> 00:18:46,000

survey congress but

473

00:18:49,350 --> 00:18:48,080

with all these great physicists a

474

00:18:51,669 --> 00:18:49,360

hundred years ago who are getting

475

00:18:53,510 --> 00:18:51,679

together and are saying

476

00:18:55,510 --> 00:18:53,520

hey we have this problem we have this

477

00:18:56,070 --> 00:18:55,520

great philosophical problem that

478

00:18:58,390 --> 00:18:56,080

wolfgang

479

00:18:59,669 --> 00:18:58,400

smith is talking about so this has been

480

00:19:02,950 --> 00:18:59,679

ongoing

481

00:19:04,950 --> 00:19:02,960

for the last 100 years without without

482

00:19:06,470 --> 00:19:04,960

stop but i guess

483

00:19:08,470 --> 00:19:06,480

let me play some clips for you that'll

484

00:19:09,590 --> 00:19:08,480

really drive home where i guess i'm

485

00:19:12,070 --> 00:19:09,600

coming from

486

00:19:13,110 --> 00:19:12,080

i had a chance to interview the very

487

00:19:16,390 --> 00:19:13,120

excellent

488

00:19:18,230 --> 00:19:16,400

cal tech physicist sean carroll

489

00:19:19,510 --> 00:19:18,240

oh god i hate sean carroll please don't

490

00:19:22,470 --> 00:19:19,520

mention that okay

491

00:19:24,230 --> 00:19:22,480

don't say kyle back i mean no i i i've

492

00:19:25,590 --> 00:19:24,240

interviewed sean carroll what a nitwit

493

00:19:27,750 --> 00:19:25,600

but let's not

494

00:19:29,029 --> 00:19:27,760

yeah i'm sorry i like i like truth and

495

00:19:31,350 --> 00:19:29,039

advertising

496

00:19:32,470 --> 00:19:31,360

very so i had a chance to interview the

497

00:19:35,750 --> 00:19:32,480

very excellent dr

498

00:19:37,350 --> 00:19:35,760

donald hoffman caltech physicist and

499

00:19:39,350 --> 00:19:37,360

this book up there that i'm showing the

500

00:19:42,710 --> 00:19:39,360

case against reality

501  
00:19:43,190 --> 00:19:42,720  
and it is essentially wrestling with the

502  
00:19:46,549 --> 00:19:43,200  
same

503  
00:19:48,710 --> 00:19:46,559  
issues he's about developing very

504  
00:19:49,590 --> 00:19:48,720  
rigorous mathematical models for

505  
00:19:51,029 --> 00:19:49,600  
consciousness

506  
00:19:52,870 --> 00:19:51,039  
which we'll have to come back and i'll

507  
00:19:53,909 --> 00:19:52,880  
have to understand why you don't talk

508  
00:19:56,310 --> 00:19:53,919  
more about

509  
00:19:57,110 --> 00:19:56,320  
consciousness in the film because from

510  
00:19:59,110 --> 00:19:57,120  
all accounts

511  
00:20:00,549 --> 00:19:59,120  
everyone i hear who talks about quantum

512  
00:20:03,510 --> 00:20:00,559  
physics and the big

513  
00:20:04,230 --> 00:20:03,520

misstep by materialist science is that

514

00:20:06,549 --> 00:20:04,240

they don't

515

00:20:08,310 --> 00:20:06,559

recognize consciousness or they want to

516

00:20:10,310 --> 00:20:08,320

claim that consciousness is an illusion

517

00:20:12,149 --> 00:20:10,320

which is just an absurd idea

518

00:20:13,750 --> 00:20:12,159

so these are some of the topics that i

519

00:20:16,070 --> 00:20:13,760

talked about

520

00:20:17,430 --> 00:20:16,080

with don hoffman let me play you some of

521

00:20:19,430 --> 00:20:17,440

these clips

522

00:20:22,710 --> 00:20:19,440

and i think that'll kind of catapult us

523

00:20:25,190 --> 00:20:22,720

into an interesting discussion

524

00:20:26,149 --> 00:20:25,200

i agree that the current theories of

525

00:20:28,710 --> 00:20:26,159

consciousness

526  
00:20:29,590 --> 00:20:28,720  
among my scientific colleagues really do

527  
00:20:33,350 --> 00:20:29,600  
drop the ball

528  
00:20:35,510 --> 00:20:33,360  
they they start with an unconscious

529  
00:20:36,789 --> 00:20:35,520  
objective reality of space time and

530  
00:20:37,750 --> 00:20:36,799  
matter and they try to boot up

531  
00:20:39,669 --> 00:20:37,760  
consciousness

532  
00:20:41,350 --> 00:20:39,679  
from that and of course i disagree with

533  
00:20:45,430 --> 00:20:41,360  
them

534  
00:20:47,270 --> 00:20:45,440  
precise theories and experiments

535  
00:20:50,310 --> 00:20:47,280  
at some point you can no longer fool

536  
00:20:52,549 --> 00:20:50,320  
yourself you realize you just don't have

537  
00:20:55,669 --> 00:20:52,559  
the beef

538  
00:20:57,190 --> 00:20:55,679

science made great strides using the

539

00:20:59,190 --> 00:20:57,200

assumption that space-time and

540

00:21:01,190 --> 00:20:59,200

unconscious matter are the foundations

541

00:21:03,029 --> 00:21:01,200

and the technology that's come out

542

00:21:04,789 --> 00:21:03,039

has been stunning and it's raised

543

00:21:08,470 --> 00:21:04,799

humanity's level of

544

00:21:11,270 --> 00:21:08,480

of life dramatically so there's this

545

00:21:11,669 --> 00:21:11,280

feeling among the scientists that look

546

00:21:15,110 --> 00:21:11,679

the

547

00:21:16,149 --> 00:21:15,120

physicalist framework was our our way of

548

00:21:17,669 --> 00:21:16,159

getting away from the

549

00:21:19,750 --> 00:21:17,679

the weirdness of the spiritual

550

00:21:20,390 --> 00:21:19,760

traditions and and breaking free look

551  
00:21:24,149 --> 00:21:20,400  
what it's

552  
00:21:25,990 --> 00:21:24,159  
for a second because

553  
00:21:27,669 --> 00:21:26,000  
you don't object any of that i'm sure

554  
00:21:29,669 --> 00:21:27,679  
it's not infillable

555  
00:21:30,710 --> 00:21:29,679  
but but he isn't talking about he isn't

556  
00:21:33,750 --> 00:21:30,720  
talking he doesn't

557  
00:21:34,630 --> 00:21:33,760  
have a supportive film that shows kind

558  
00:21:37,830 --> 00:21:34,640  
of

559  
00:21:40,310 --> 00:21:37,840  
military people jumping out and doing

560  
00:21:42,149 --> 00:21:40,320  
crowd control and fires and burning and

561  
00:21:43,669 --> 00:21:42,159  
apocalyptic kind of stuff that's not

562  
00:21:45,750 --> 00:21:43,679  
because he's uh that's because he's

563  
00:21:46,950 --> 00:21:45,760

nowhere near as profound the philosopher

564

00:21:49,350 --> 00:21:46,960

as dr smith

565

00:21:51,190 --> 00:21:49,360

and he shouldn't be expected to have

566

00:21:53,750 --> 00:21:51,200

been a student of history

567

00:21:55,669 --> 00:21:53,760

and of the history of ideas to the level

568

00:21:57,830 --> 00:21:55,679

that a man like dr wolfgang smith has

569

00:22:00,230 --> 00:21:57,840

done i mean there's just no comparison

570

00:22:01,909 --> 00:22:00,240

that's nothing against the good doctor

571

00:22:04,669 --> 00:22:01,919

it's just we're talking about wolfgang

572

00:22:08,310 --> 00:22:04,679

smith here this is a man who is

573

00:22:11,190 --> 00:22:08,320

profoundly profoundly familiar

574

00:22:11,990 --> 00:22:11,200

not only with quantum mechanics which he

575

00:22:14,630 --> 00:22:12,000

actually has

576

00:22:16,870 --> 00:22:14,640

a graduate degree in not only a

577

00:22:20,070 --> 00:22:16,880

doctorate in mathematics he's taught at

578

00:22:20,390 --> 00:22:20,080

mit for heaven's sakes this is a man who

579

00:22:23,430 --> 00:22:20,400

is

580

00:22:27,990 --> 00:22:23,440

intimately familiar with every

581

00:22:31,029 --> 00:22:28,000

and school of wisdom of human antiquity

582

00:22:34,310 --> 00:22:31,039

and it's that kind of

583

00:22:37,510 --> 00:22:34,320

breadth of vision and that kind

584

00:22:39,350 --> 00:22:37,520

of intellectual background that enabled

585

00:22:42,310 --> 00:22:39,360

him to point out

586

00:22:42,870 --> 00:22:42,320

two and a half years ago in our trailer

587

00:22:45,990 --> 00:22:42,880

that

588

00:22:46,710 --> 00:22:46,000

sometime in the very near future the

589

00:22:49,590 --> 00:22:46,720

wheels

590

00:22:50,789 --> 00:22:49,600

were going to come off the present

591

00:22:52,870 --> 00:22:50,799

civilization

592

00:22:54,630 --> 00:22:52,880

the mere fact that it has happened in

593

00:22:55,430 --> 00:22:54,640

the first week of the release of the

594

00:22:57,510 --> 00:22:55,440

film

595

00:22:59,110 --> 00:22:57,520

i don't think he would claim that he had

596

00:23:02,149 --> 00:22:59,120

predicted that

597

00:23:04,149 --> 00:23:02,159

but it was abundantly clear to him and

598

00:23:05,990 --> 00:23:04,159

to those who had studied him

599

00:23:07,350 --> 00:23:06,000

that we were headed for this there was

600

00:23:09,029 --> 00:23:07,360

no doubt about it

601  
00:23:10,630 --> 00:23:09,039  
yeah i don't buy that the wheels have

602  
00:23:12,230 --> 00:23:10,640  
come off the civilization but

603  
00:23:13,909 --> 00:23:12,240  
let me play the next clip let me play

604  
00:23:17,029 --> 00:23:13,919  
this let's go ahead and stick

605  
00:23:20,070 --> 00:23:17,039  
keep watching alex yeah i mean i

606  
00:23:21,270 --> 00:23:20,080  
i i'm just not on a apocalyptic kind of

607  
00:23:23,190 --> 00:23:21,280  
guy but

608  
00:23:25,190 --> 00:23:23,200  
i don't believe it it's going to get

609  
00:23:26,230 --> 00:23:25,200  
into theology real quick here so let me

610  
00:23:29,110 --> 00:23:26,240  
play this next

611  
00:23:30,470 --> 00:23:29,120  
clip okay one could make the case and i

612  
00:23:32,950 --> 00:23:30,480  
have on the show that

613  
00:23:34,789 --> 00:23:32,960

the cultish practices that go hand in

614

00:23:37,270 --> 00:23:34,799

hand with christianity

615

00:23:38,470 --> 00:23:37,280

really need to be viewed for their mind

616

00:23:40,789 --> 00:23:38,480

control

617

00:23:43,029 --> 00:23:40,799

aspects but the the fact that we're

618

00:23:43,750 --> 00:23:43,039

doing that to kids especially is not

619

00:23:46,710 --> 00:23:43,760

exactly

620

00:23:48,470 --> 00:23:46,720

uh promoting free thinking i know from

621

00:23:48,870 --> 00:23:48,480

my own experience being brought up in

622

00:23:51,510 --> 00:23:48,880

the

623

00:23:52,870 --> 00:23:51,520

greek orthodox church and having to walk

624

00:23:55,669 --> 00:23:52,880

up to communion and

625

00:23:56,230 --> 00:23:55,679

kiss the hand of some old man as he

626  
00:23:59,830 --> 00:23:56,240  
dropped

627  
00:24:02,390 --> 00:23:59,840  
bread into my hand to feed me

628  
00:24:03,029 --> 00:24:02,400  
i mean there's some deep symbology there

629  
00:24:05,669 --> 00:24:03,039  
is

630  
00:24:06,310 --> 00:24:05,679  
for a lot of folks genuine deep

631  
00:24:08,549 --> 00:24:06,320  
programming

632  
00:24:09,830 --> 00:24:08,559  
i agree with you completely on that i i

633  
00:24:12,149 --> 00:24:09,840  
felt that the

634  
00:24:14,549 --> 00:24:12,159  
the institutions that i was subjected to

635  
00:24:15,830 --> 00:24:14,559  
were there not to help me to explore and

636  
00:24:17,430 --> 00:24:15,840  
find out who i am

637  
00:24:19,190 --> 00:24:17,440  
they had the answers i needed to

638  
00:24:21,029 --> 00:24:19,200

understand their answers and

639

00:24:23,590 --> 00:24:21,039

and and believe their answers and to

640

00:24:26,149 --> 00:24:23,600

question anything that they said

641

00:24:27,669 --> 00:24:26,159

was to not be a believer and therefore

642

00:24:30,070 --> 00:24:27,679

be subject to hell

643

00:24:31,350 --> 00:24:30,080

so of course this is the achilles heel

644

00:24:33,669 --> 00:24:31,360

of the film

645

00:24:35,269 --> 00:24:33,679

and this theology in general it just

646

00:24:37,990 --> 00:24:35,279

kind of slips

647

00:24:38,789 --> 00:24:38,000

without warning it slips from solid

648

00:24:41,669 --> 00:24:38,799

science

649

00:24:43,669 --> 00:24:41,679

and solid thinking of quantum physics

650

00:24:45,990 --> 00:24:43,679

into kind of this weird leap

651  
00:24:48,390 --> 00:24:46,000  
towards catholicism and wolfgang talks

652  
00:24:50,230 --> 00:24:48,400  
about how he's converted to catholicism

653  
00:24:51,430 --> 00:24:50,240  
by his wife who's a catholic and then

654  
00:24:54,789 --> 00:24:51,440  
there's this kind of

655  
00:24:57,669 --> 00:24:54,799  
strange but not fully detailed christian

656  
00:25:01,110 --> 00:24:57,679  
apologetics that somehow links in some

657  
00:25:02,950 --> 00:25:01,120  
indirect way quantum physics to

658  
00:25:04,149 --> 00:25:02,960  
your theology i mean i hope you

659  
00:25:07,190 --> 00:25:04,159  
understand how people

660  
00:25:10,230 --> 00:25:07,200  
see that as just completely

661  
00:25:12,149 --> 00:25:10,240  
disconnected disjointed

662  
00:25:13,430 --> 00:25:12,159  
yes well it's been quite a long time

663  
00:25:17,269 --> 00:25:13,440

since the

664

00:25:20,390 --> 00:25:17,279

the uh classical

665

00:25:22,070 --> 00:25:20,400

cosmology presented to us in the

666

00:25:24,950 --> 00:25:22,080

christian tradition

667

00:25:27,350 --> 00:25:24,960

has been as powerfully vindicated as it

668

00:25:29,909 --> 00:25:27,360

has in the work of dr wolf ben smith

669

00:25:30,390 --> 00:25:29,919

i would not expect any other reaction

670

00:25:33,669 --> 00:25:30,400

from

671

00:25:35,990 --> 00:25:33,679

i mean having heard what you said about

672

00:25:36,789 --> 00:25:36,000

your understanding of your brief work

673

00:25:39,990 --> 00:25:36,799

about suffering

674

00:25:42,630 --> 00:25:40,000

as being a form of mind control i

675

00:25:45,909 --> 00:25:42,640

perfectly understand your uncomfortable

676  
00:25:48,149 --> 00:25:45,919  
reaction to dr smith's contrary journey

677  
00:25:49,510 --> 00:25:48,159  
after all his journey is in the exact

678  
00:25:52,230 --> 00:25:49,520  
opposite direction

679  
00:25:54,390 --> 00:25:52,240  
here is a man who at 14 years of age

680  
00:25:55,110 --> 00:25:54,400  
applied to cornell university and he was

681  
00:25:57,510 --> 00:25:55,120  
asked

682  
00:25:58,390 --> 00:25:57,520  
what do you want to study and he said

683  
00:26:00,549 --> 00:25:58,400  
physics

684  
00:26:02,470 --> 00:26:00,559  
and they asked him why do you want to

685  
00:26:04,230 --> 00:26:02,480  
study it and he said because i am

686  
00:26:07,750 --> 00:26:04,240  
convinced that physics

687  
00:26:09,269 --> 00:26:07,760  
is the key to understanding the universe

688  
00:26:10,070 --> 00:26:09,279

and if you will remember in the film he

689

00:26:13,390 --> 00:26:10,080

has a wonderful

690

00:26:15,750 --> 00:26:13,400

little pause followed by a

691

00:26:18,390 --> 00:26:15,760

self-deprecating little smile and then

692

00:26:21,669 --> 00:26:18,400

he looks at the camera and he says

693

00:26:24,710 --> 00:26:21,679

needless to say i have changed

694

00:26:27,590 --> 00:26:24,720

my mind about that

695

00:26:28,390 --> 00:26:27,600

so dr smith's progression is in the

696

00:26:31,350 --> 00:26:28,400

precise

697

00:26:32,470 --> 00:26:31,360

opposite direction that you and your

698

00:26:34,390 --> 00:26:32,480

guest

699

00:26:36,149 --> 00:26:34,400

have indicated to us that you have

700

00:26:38,310 --> 00:26:36,159

followed therefore it

701  
00:26:40,390 --> 00:26:38,320  
shouldn't become much of a surprise it's

702  
00:26:42,149 --> 00:26:40,400  
just going to be some aspect of his work

703  
00:26:43,590 --> 00:26:42,159  
that rubbed you the wrong way on first

704  
00:26:45,190 --> 00:26:43,600  
healing

705  
00:26:46,710 --> 00:26:45,200  
well it's not that they rub me the wrong

706  
00:26:47,909 --> 00:26:46,720  
way they're just completely disconnected

707  
00:26:51,110 --> 00:26:47,919  
with the science there's no

708  
00:26:53,350 --> 00:26:51,120  
jesus on the cross connection

709  
00:26:55,029 --> 00:26:53,360  
jesus on the cross in the film either

710  
00:26:57,350 --> 00:26:55,039  
alex so that's my point

711  
00:26:59,510 --> 00:26:57,360  
that's my point so why are so why are we

712  
00:27:03,350 --> 00:26:59,520  
introduced so what we have is

713  
00:27:07,190 --> 00:27:03,360

essentially a straw man here dr smith's

714

00:27:10,630 --> 00:27:07,200

conversion story is a part of the

715

00:27:14,310 --> 00:27:10,640

profile of how his intellect developed

716

00:27:17,669 --> 00:27:14,320

over the decades of his life there is no

717

00:27:20,549 --> 00:27:17,679

question of you must be a catholic

718

00:27:21,669 --> 00:27:20,559

or you must be a christian in order to

719

00:27:25,269 --> 00:27:21,679

understand

720

00:27:29,029 --> 00:27:25,279

his resolution of the quantum enigma but

721

00:27:32,630 --> 00:27:29,039

but and this is what i humbly propose

722

00:27:34,630 --> 00:27:32,640

that you might be missing what we do

723

00:27:36,549 --> 00:27:34,640

have to recognize

724

00:27:37,909 --> 00:27:36,559

in dr smith's resolution of the quantum

725

00:27:41,830 --> 00:27:37,919

enigma is a

726

00:27:44,870 --> 00:27:41,840

form of causation that is both

727

00:27:47,909 --> 00:27:44,880

unknown to physics and

728

00:27:50,389 --> 00:27:47,919

right in front of our eyes every time we

729

00:27:53,590 --> 00:27:50,399

measure a quantum system

730

00:27:54,870 --> 00:27:53,600

once that is understood we have no

731

00:27:58,789 --> 00:27:54,880

choice but to look

732

00:28:01,430 --> 00:27:58,799

outside of physics for the resolution

733

00:28:02,230 --> 00:28:01,440

to the quantum enigma and then jam it

734

00:28:06,070 --> 00:28:02,240

back into

735

00:28:08,310 --> 00:28:06,080

this outdated dogmatic crazy

736

00:28:09,110 --> 00:28:08,320

cosmology of catholicism right that's

737

00:28:10,630 --> 00:28:09,120

where we're gonna

738

00:28:12,389 --> 00:28:10,640

that's how we're gonna leap and that's

739

00:28:13,909 --> 00:28:12,399

where we're gonna leap to why why would

740

00:28:15,269 --> 00:28:13,919

we go there

741

00:28:17,830 --> 00:28:15,279

well because that's where the evidence

742

00:28:21,110 --> 00:28:17,840

leads us of course to catholicism

743

00:28:23,510 --> 00:28:21,120

well no to vertical causality

744

00:28:25,830 --> 00:28:23,520

alex there's nothing about the

745

00:28:28,630 --> 00:28:25,840

resolution of the quantum enigma

746

00:28:31,430 --> 00:28:28,640

in wolfgang's work or in the film that

747

00:28:34,750 --> 00:28:31,440

requires you to recite the nice seen

748

00:28:35,990 --> 00:28:34,760

creed for heaven's sakes it's a complete

749

00:28:39,029 --> 00:28:36,000

misrepresentation

750

00:28:42,149 --> 00:28:39,039

of both the film and of his work

751  
00:28:45,510 --> 00:28:42,159  
now what we do have to confront is a

752  
00:28:48,549 --> 00:28:45,520  
form of causality that is

753  
00:28:50,310 --> 00:28:48,559  
active and present in every measurement

754  
00:28:53,830 --> 00:28:50,320  
of a quantum system

755  
00:28:54,950 --> 00:28:53,840  
that does not reduce to any form of

756  
00:28:58,310 --> 00:28:54,960  
causality

757  
00:29:02,149 --> 00:28:58,320  
known to science it is true

758  
00:29:05,110 --> 00:29:02,159  
that this form of causality is vertical

759  
00:29:05,590 --> 00:29:05,120  
rather than horizontal it is true that a

760  
00:29:09,269 --> 00:29:05,600  
form

761  
00:29:12,950 --> 00:29:09,279  
of vertical causality puts us right back

762  
00:29:16,070 --> 00:29:12,960  
in a world that does not reduce

763  
00:29:18,950 --> 00:29:16,080

to the equations of physics

764

00:29:20,789 --> 00:29:18,960

sorry that's just where we're going

765

00:29:22,470 --> 00:29:20,799

there's there's nothing wrong buddy i'm

766

00:29:23,830 --> 00:29:22,480

totally on board i'm totally on board

767

00:29:25,990 --> 00:29:23,840

with all that that's why i'm playing

768

00:29:28,070 --> 00:29:26,000

donald hoffman well let me jump to

769

00:29:29,830 --> 00:29:28,080

it hold on let me go let me go to a

770

00:29:32,950 --> 00:29:29,840

different point here i was watching that

771

00:29:35,510 --> 00:29:32,960

interview slash debate you did with my

772

00:29:37,350 --> 00:29:35,520

friend of me the skeptic dr michael

773

00:29:38,630 --> 00:29:37,360

shermer who has been on the show and i

774

00:29:41,110 --> 00:29:38,640

think is utterly

775

00:29:41,990 --> 00:29:41,120

destroyed in terms of his understanding

776

00:29:44,310 --> 00:29:42,000

of

777

00:29:46,389 --> 00:29:44,320

extended consciousness his inability to

778

00:29:47,269 --> 00:29:46,399

accept that we don't die after death and

779

00:29:49,269 --> 00:29:47,279

that's the

780

00:29:51,029 --> 00:29:49,279

best result that we can get from

781

00:29:52,310 --> 00:29:51,039

frontier science and it comes back over

782

00:29:54,549 --> 00:29:52,320

and over again and it directly

783

00:29:57,269 --> 00:29:54,559

contradicts his book

784

00:29:59,110 --> 00:29:57,279

but he was hitting you pretty hard on

785

00:30:01,830 --> 00:29:59,120

the catholic thing

786

00:30:02,470 --> 00:30:01,840

and i thought and listening to you now

787

00:30:05,190 --> 00:30:02,480

is

788

00:30:05,990 --> 00:30:05,200

you in a way you you just don't get it

789

00:30:09,110 --> 00:30:06,000

rick

790

00:30:12,870 --> 00:30:09,120

i mean you don't understand why

791

00:30:15,990 --> 00:30:12,880

non-christians like me are just

792

00:30:18,310 --> 00:30:16,000

stunned how how any really

793

00:30:19,590 --> 00:30:18,320

bright intelligent person that you are

794

00:30:22,310 --> 00:30:19,600

can buy into

795

00:30:23,269 --> 00:30:22,320

such a wacky cosmology i have this

796

00:30:25,669 --> 00:30:23,279

interview i want to

797

00:30:26,789 --> 00:30:25,679

read to you this clip from the very

798

00:30:28,470 --> 00:30:26,799

excellent

799

00:30:31,110 --> 00:30:28,480

richard smoley who wrote a book a while

800

00:30:34,070 --> 00:30:31,120

back called how god became god what

801  
00:30:34,950 --> 00:30:34,080  
scholars are really saying about god and

802  
00:30:37,510 --> 00:30:34,960  
the bible

803  
00:30:39,190 --> 00:30:37,520  
smoley is oxford trained harvard trained

804  
00:30:40,870 --> 00:30:39,200  
highly regarded all this stuff

805  
00:30:42,950 --> 00:30:40,880  
here's richard smoly in his interview

806  
00:30:46,230 --> 00:30:42,960  
that he did with my buddy miguel

807  
00:30:48,870 --> 00:30:46,240  
connor on and by agnostic radio he says

808  
00:30:50,070 --> 00:30:48,880  
what are we supposed to believe god got

809  
00:30:52,389 --> 00:30:50,080  
mad at the human race

810  
00:30:53,990 --> 00:30:52,399  
for eating a piece of fruit in armenia 6

811  
00:30:55,750 --> 00:30:54,000  
000 years ago

812  
00:30:57,669 --> 00:30:55,760  
he got so mad that he condemned

813  
00:30:59,590 --> 00:30:57,679

everybody to internal damnation

814

00:31:01,110 --> 00:30:59,600

except he kind of felt bad about this

815

00:31:02,789 --> 00:31:01,120

afterward so he

816

00:31:04,470 --> 00:31:02,799

sent part of himself down to have it

817

00:31:06,230 --> 00:31:04,480

tortured to death which

818

00:31:08,310 --> 00:31:06,240

somehow made it all right except not

819

00:31:08,870 --> 00:31:08,320

really because if you don't buy this

820

00:31:11,509 --> 00:31:08,880

story

821

00:31:13,269 --> 00:31:11,519

you're still going to fry forever does

822

00:31:16,470 --> 00:31:13,279

that make any sense

823

00:31:17,110 --> 00:31:16,480

of course it doesn't it's phrased in of

824

00:31:19,750 --> 00:31:17,120

course

825

00:31:21,110 --> 00:31:19,760

elaborate theologies rituals and

826  
00:31:24,630 --> 00:31:21,120  
doxologies

827  
00:31:26,789 --> 00:31:24,640  
but it's still a ridiculous story

828  
00:31:27,909 --> 00:31:26,799  
that's the part that hold on that's the

829  
00:31:30,710 --> 00:31:27,919  
part that

830  
00:31:32,870 --> 00:31:30,720  
take the movie aside for a second but

831  
00:31:35,830 --> 00:31:32,880  
you are making a connection

832  
00:31:37,190 --> 00:31:35,840  
between who we are supposed to hold up

833  
00:31:39,269 --> 00:31:37,200  
as this figure this

834  
00:31:40,789 --> 00:31:39,279  
bright shining light of physics and

835  
00:31:44,070 --> 00:31:40,799  
knowledge and yet

836  
00:31:45,430 --> 00:31:44,080  
he seems to be endorsing a cosmology

837  
00:31:48,149 --> 00:31:45,440  
that we all sit back and go

838  
00:31:48,630 --> 00:31:48,159

well that's just insane it's ridiculous

839

00:31:52,149 --> 00:31:48,640

well

840

00:31:55,350 --> 00:31:52,159

let me first of all say he doesn't seem

841

00:31:55,669 --> 00:31:55,360

to be endorsing it he most emphatically

842

00:32:02,269 --> 00:31:55,679

and

843

00:32:03,830 --> 00:32:02,279

endorse it now let's go back to your

844

00:32:07,750 --> 00:32:03,840

well-respected

845

00:32:08,310 --> 00:32:07,760

oxford dawn and let me just say first of

846

00:32:09,909 --> 00:32:08,320

all that

847

00:32:12,470 --> 00:32:09,919

it's perfectly understandable that

848

00:32:15,110 --> 00:32:12,480

nobody would believe such nonsense

849

00:32:16,070 --> 00:32:15,120

the problem is he is the one who

850

00:32:18,630 --> 00:32:16,080

concocted

851  
00:32:19,430 --> 00:32:18,640  
the nonsense this is what we see in

852  
00:32:22,789 --> 00:32:19,440  
logic

853  
00:32:26,830 --> 00:32:22,799  
as the classic straw man

854  
00:32:29,509 --> 00:32:26,840  
argument you concoct a complete

855  
00:32:33,430 --> 00:32:29,519  
fraud and allege this to be

856  
00:32:36,870 --> 00:32:33,440  
the christian message that is a lie

857  
00:32:39,909 --> 00:32:36,880  
there has never been a christian message

858  
00:32:40,470 --> 00:32:39,919  
remotely or approximately that which

859  
00:32:43,669 --> 00:32:40,480  
your

860  
00:32:45,350 --> 00:32:43,679  
oxford dawn who is so well respected

861  
00:32:48,230 --> 00:32:45,360  
but part of that cosmology is not right

862  
00:32:50,470 --> 00:32:48,240  
out of the bible that is nonsense

863  
00:32:52,710 --> 00:32:50,480

that is not out of the bible that is out

864

00:32:56,470 --> 00:32:52,720

of the author of how god became

865

00:32:58,549 --> 00:32:56,480

god in other words the oxford dawn

866

00:33:00,149 --> 00:32:58,559

rather than deal with the actual

867

00:33:03,029 --> 00:33:00,159

christian kerygma

868

00:33:04,149 --> 00:33:03,039

reconstructs it as a straw man so that

869

00:33:07,029 --> 00:33:04,159

he has something

870

00:33:07,750 --> 00:33:07,039

easy what is strongman what is that

871

00:33:11,269 --> 00:33:07,760

about this

872

00:33:14,470 --> 00:33:11,279

hard work of actually addressing the

873

00:33:15,590 --> 00:33:14,480

content of the revelation of the

874

00:33:17,590 --> 00:33:15,600

catholic religion

875

00:33:19,190 --> 00:33:17,600

but that's up to him you keep throwing

876

00:33:21,269 --> 00:33:19,200

up this straw man stuff what is straw

877

00:33:22,070 --> 00:33:21,279

man about this this is the story that

878

00:33:36,470 --> 00:33:22,080

we've all

879

00:33:40,230 --> 00:33:38,950

tell us where richard smalley is created

880

00:33:44,470 --> 00:33:40,240

astronomy

881

00:33:47,509 --> 00:33:44,480

there is no remote point

882

00:33:50,549 --> 00:33:47,519

of congruence between the

883

00:33:53,990 --> 00:33:50,559

straw man on your screen

884

00:33:58,110 --> 00:33:54,000

and the actual content of christian

885

00:34:02,070 --> 00:33:58,120

revelation any christian knows that

886

00:34:04,870 --> 00:34:02,080

instantaneously so if we want to discuss

887

00:34:06,070 --> 00:34:04,880

christian cosmology let's discuss

888

00:34:08,710 --> 00:34:06,080

christian cosmology

889

00:34:09,349 --> 00:34:08,720

if we're going to discuss a straw man

890

00:34:12,790 --> 00:34:09,359

from your

891

00:34:13,190 --> 00:34:12,800

highly respected oxford dawn i simply

892

00:34:17,349 --> 00:34:13,200

laugh

893

00:34:20,470 --> 00:34:17,359

because it has absolutely no remote

894

00:34:22,790 --> 00:34:20,480

connection to the actual message

895

00:34:24,869 --> 00:34:22,800

of the christian religion that's molly

896

00:34:26,950 --> 00:34:24,879

is a christian

897

00:34:28,470 --> 00:34:26,960

he's no kind of a christian that i would

898

00:34:30,950 --> 00:34:28,480

recognize i suppose

899

00:34:31,829 --> 00:34:30,960

nominally anybody can call themselves a

900

00:34:34,629 --> 00:34:31,839

christian

901  
00:34:35,829 --> 00:34:34,639  
but if that is his understanding of the

902  
00:34:38,230 --> 00:34:35,839  
christian religion

903  
00:34:39,750 --> 00:34:38,240  
well correct i keep i keep insisting

904  
00:34:41,909 --> 00:34:39,760  
that what this is such a

905  
00:34:43,270 --> 00:34:41,919  
[h\_\_\h] skeptical thing to claim the

906  
00:34:44,230 --> 00:34:43,280  
straw man thing it's like when they

907  
00:34:46,710 --> 00:34:44,240  
throw out these things

908  
00:34:47,669 --> 00:34:46,720  
what what is incorrect about what

909  
00:34:50,230 --> 00:34:47,679  
smolly's

910  
00:34:51,109 --> 00:34:50,240  
there is nothing christian correct about

911  
00:34:53,109 --> 00:34:51,119  
it see

912  
00:34:54,470 --> 00:34:53,119  
here's the thing alex but this is the

913  
00:34:59,270 --> 00:34:54,480

adam and eve story

914

00:35:00,950 --> 00:34:59,280

about it [\h\_\_\h] tell me when i can okay

915

00:35:02,630 --> 00:35:00,960

go ahead and finish whatever point you

916

00:35:03,270 --> 00:35:02,640

want to make because i have one i want

917

00:35:05,510 --> 00:35:03,280

to make

918

00:35:07,030 --> 00:35:05,520

well please please make it but he keeps

919

00:35:09,349 --> 00:35:07,040

claiming that there's a that there's a

920

00:35:14,470 --> 00:35:09,359

straw man tell us what the straw man is

921

00:35:21,430 --> 00:35:18,230

okay great there is not a word

922

00:35:24,790 --> 00:35:21,440

not a syllable not a phrase

923

00:35:28,829 --> 00:35:24,800

not a sentence in that entire

924

00:35:30,310 --> 00:35:28,839

straw man concoction that proceeds from

925

00:35:33,750 --> 00:35:30,320

scripture

926

00:35:36,950 --> 00:35:33,760

or tradition or the official teachings

927

00:35:40,630 --> 00:35:36,960

of the catholic church not a word

928

00:35:45,270 --> 00:35:40,640

not a sentence not a syllable it is a

929

00:35:48,870 --> 00:35:45,280

complete concoction a confabulation

930

00:35:51,910 --> 00:35:48,880

of an enemy of that revelation

931

00:35:53,990 --> 00:35:51,920

and instead of addressing the scriptures

932

00:35:55,990 --> 00:35:54,000

instead of addressing the fathers

933

00:35:59,109 --> 00:35:56,000

instead of addressing the councils

934

00:36:03,270 --> 00:35:59,119

the actual teachings of the church he

935

00:36:07,030 --> 00:36:03,280

rewrites them in a s stupid

936

00:36:10,150 --> 00:36:07,040

and intellectually it's an

937

00:36:13,349 --> 00:36:10,160

insult to the intelligence of any

938

00:36:16,710 --> 00:36:13,359

honest researcher to consider that

939

00:36:17,670 --> 00:36:16,720

glop as having anything to do with the

940

00:36:21,190 --> 00:36:17,680

authentic

941

00:36:25,109 --> 00:36:21,200

revelation of the christian religion so

942

00:36:27,430 --> 00:36:25,119

i laugh at him do you have anything else

943

00:36:28,950 --> 00:36:27,440

well i i just had again i would go back

944

00:36:29,990 --> 00:36:28,960

to my earlier point i don't have

945

00:36:31,990 --> 00:36:30,000

anything else because

946

00:36:34,230 --> 00:36:32,000

when i go back to my earlier point here

947

00:36:36,630 --> 00:36:34,240

is my earlier point

948

00:36:38,310 --> 00:36:36,640

people are going to listen to this

949

00:36:41,030 --> 00:36:38,320

little exchange

950

00:36:43,109 --> 00:36:41,040

and they're going to read richard

951  
00:36:44,150 --> 00:36:43,119  
smoly's quote up there or listen to me

952  
00:36:46,310 --> 00:36:44,160  
reading it

953  
00:36:48,870 --> 00:36:46,320  
and they're going to go yeah that's what

954  
00:36:51,589 --> 00:36:48,880  
christianity has always said there was

955  
00:36:54,230 --> 00:36:51,599  
adam and eve and he ate the apple so the

956  
00:36:55,109 --> 00:36:54,240  
wise man once said alex as a very wise

957  
00:36:56,550 --> 00:36:55,119  
man once said

958  
00:36:58,230 --> 00:36:56,560  
i just want you to recognize how many

959  
00:37:00,630 --> 00:36:58,240  
times you interrupt me so your

960  
00:37:02,550 --> 00:37:00,640  
indignation at my interruptions of you

961  
00:37:04,630 --> 00:37:02,560  
but that's fine go ahead your point no

962  
00:37:06,390 --> 00:37:04,640  
no no no you make a good point i will

963  
00:37:08,069 --> 00:37:06,400

shut up and let you make your point go

964

00:37:10,310 --> 00:37:08,079

ahead no no i

965

00:37:12,390 --> 00:37:10,320

enjoy the interchange i just don't you

966

00:37:16,230 --> 00:37:12,400

know how do i

967

00:37:19,670 --> 00:37:16,240

okay so look here's the thing i am happy

968

00:37:22,470 --> 00:37:19,680

to defend my faith to anyone

969

00:37:24,150 --> 00:37:22,480

at any time under any circumstances

970

00:37:27,430 --> 00:37:24,160

without reservation

971

00:37:32,470 --> 00:37:27,440

what i object to is having a

972

00:37:35,670 --> 00:37:32,480

completely ridiculous self-constructed

973

00:37:39,190 --> 00:37:35,680

straw man put up on the screen

974

00:37:42,310 --> 00:37:39,200

as if that was my faith it is not

975

00:37:44,870 --> 00:37:42,320

it has nothing to do with my faith and

976  
00:37:48,150 --> 00:37:44,880  
if we want to discuss my faith

977  
00:37:50,230 --> 00:37:48,160  
i would at least insist that the

978  
00:37:53,589 --> 00:37:50,240  
arguments be predicated on the

979  
00:37:55,750 --> 00:37:53,599  
actual content of that faith

980  
00:37:57,430 --> 00:37:55,760  
that is found in scripture and in

981  
00:38:00,630 --> 00:37:57,440  
apostolic tradition

982  
00:38:04,069 --> 00:38:00,640  
i'm quite happy to defend both

983  
00:38:07,589 --> 00:38:04,079  
your oxford dawn wasn't intellectually

984  
00:38:08,630 --> 00:38:07,599  
honest enough to address those sources

985  
00:38:12,230 --> 00:38:08,640  
of debate

986  
00:38:14,310 --> 00:38:12,240  
he rewrote it as a straw man

987  
00:38:17,510 --> 00:38:14,320  
and somehow this is supposed to impress

988  
00:38:18,950 --> 00:38:17,520

me i don't care if 90 million people

989

00:38:22,390 --> 00:38:18,960

think that's the truth

990

00:38:23,030 --> 00:38:22,400

it's complete [h\_\_h] and i i have the

991

00:38:26,710 --> 00:38:23,040

greatest

992

00:38:29,589 --> 00:38:26,720

sympathy and poignant sadness for anyone

993

00:38:30,230 --> 00:38:29,599

who would mistake that garbage for the

994

00:38:33,589 --> 00:38:30,240

christian

995

00:38:35,510 --> 00:38:33,599

religion well let me take one more stab

996

00:38:37,750 --> 00:38:35,520

at this and i don't know if we're going

997

00:38:41,430 --> 00:38:37,760

to get through or not

998

00:38:44,470 --> 00:38:41,440

i don't have any special connection to

999

00:38:46,790 --> 00:38:44,480

richard smoley i just think he you can

1000

00:38:48,470 --> 00:38:46,800

diss him all you want or not respect him

1001

00:38:50,550 --> 00:38:48,480

or you keep bringing up oxford

1002

00:38:51,829 --> 00:38:50,560

because i guess i brought it up it's

1003

00:38:54,790 --> 00:38:51,839

just to kind of

1004

00:38:55,589 --> 00:38:54,800

have a touchstone of who this guy is but

1005

00:38:58,710 --> 00:38:55,599

my point

1006

00:39:01,910 --> 00:38:58,720

that i was really trying to make rick is

1007

00:39:03,910 --> 00:39:01,920

i don't see i was brought up in the

1008

00:39:05,270 --> 00:39:03,920

catholic not the catholic church but as

1009

00:39:06,230 --> 00:39:05,280

we mentioned in the greek orthodox

1010

00:39:07,910 --> 00:39:06,240

church which is

1011

00:39:09,430 --> 00:39:07,920

pretty damn close to the catholic church

1012

00:39:11,349 --> 00:39:09,440

in a lot of ways

1013

00:39:12,790 --> 00:39:11,359

i immediately i understand exactly what

1014

00:39:14,390 --> 00:39:12,800

smoley's talking about

1015

00:39:16,310 --> 00:39:14,400

i'm not ignorant that would explain why

1016

00:39:19,510 --> 00:39:16,320

you're no longer in the greek orthodox

1017

00:39:22,150 --> 00:39:19,520

church that that's now you're

1018

00:39:24,550 --> 00:39:22,160

now you're talking about a your your

1019

00:39:25,990 --> 00:39:24,560

interpretation of my theology which you

1020

00:39:28,790 --> 00:39:26,000

don't know

1021

00:39:29,990 --> 00:39:28,800

well you reject the greek orthodox faith

1022

00:39:32,790 --> 00:39:30,000

which is in many ways

1023

00:39:34,390 --> 00:39:32,800

very close to the catholic faith right

1024

00:39:35,510 --> 00:39:34,400

neither one of them have the slightest

1025

00:39:38,150 --> 00:39:35,520

thing to do with this

1026

00:39:38,710 --> 00:39:38,160

straw man of richard smalling rick but

1027

00:39:40,550 --> 00:39:38,720

see you

1028

00:39:41,750 --> 00:39:40,560

you keep kind of throwing that out there

1029

00:39:44,390 --> 00:39:41,760

so number one

1030

00:39:45,670 --> 00:39:44,400

because it happens to be true alex it's

1031

00:39:50,150 --> 00:39:45,680

a straw man

1032

00:39:52,390 --> 00:39:50,160

it is a concocted misrepresentation

1033

00:39:53,790 --> 00:39:52,400

well here let me let me do let me make a

1034

00:39:57,589 --> 00:39:53,800

point argument

1035

00:40:00,390 --> 00:39:57,599

easier to let me do let me make a point

1036

00:40:01,510 --> 00:40:00,400

here rick because you have just kind of

1037

00:40:02,950 --> 00:40:01,520

repeated that thing

1038

00:40:05,030 --> 00:40:02,960

over and over again and what i was going

1039

00:40:08,230 --> 00:40:05,040

to try and do is

1040

00:40:12,230 --> 00:40:08,240

ask you to tell me since

1041

00:40:14,390 --> 00:40:12,240

one i was brought up christian i did

1042

00:40:15,750 --> 00:40:14,400

investigate thoroughly and i probably

1043

00:40:20,470 --> 00:40:15,760

have 50 show

1044

00:40:23,109 --> 00:40:20,480

50 shows 50 interviews with leading

1045

00:40:23,510 --> 00:40:23,119

religious scholars kind of all over the

1046

00:40:26,950 --> 00:40:23,520

map

1047

00:40:29,190 --> 00:40:26,960

both christian and non-christian i i've

1048

00:40:31,750 --> 00:40:29,200

investigated this pretty thoroughly

1049

00:40:33,829 --> 00:40:31,760

i can't think of one of them that would

1050

00:40:37,109 --> 00:40:33,839

react the way that you have

1051  
00:40:38,870 --> 00:40:37,119  
to smoley's quote here and i certainly

1052  
00:40:41,030 --> 00:40:38,880  
don't react that way and i don't know

1053  
00:40:42,750 --> 00:40:41,040  
any other christians that would say that

1054  
00:40:45,349 --> 00:40:42,760  
he has fundamentally rip

1055  
00:40:47,750 --> 00:40:45,359  
misrepresented the christian cosmology

1056  
00:40:49,430 --> 00:40:47,760  
so hold on there's a question here

1057  
00:40:51,750 --> 00:40:49,440  
and it's the question i keep coming back

1058  
00:40:55,270 --> 00:40:51,760  
to what part of this

1059  
00:40:57,910 --> 00:40:55,280  
are you reacting to so strongly to as

1060  
00:40:58,630 --> 00:40:57,920  
not being part of your understanding of

1061  
00:41:01,589 --> 00:40:58,640  
the christmas

1062  
00:41:04,230 --> 00:41:01,599  
christian cosmology without just kind of

1063  
00:41:06,390 --> 00:41:04,240

blanketly saying this entire thing

1064

00:41:08,710 --> 00:41:06,400

is constructed and it's there's a strum

1065

00:41:12,230 --> 00:41:08,720

and all this

1066

00:41:15,589 --> 00:41:12,240

the entire segment is nonsense

1067

00:41:19,589 --> 00:41:15,599

it has nothing whatsoever

1068

00:41:20,950 --> 00:41:19,599

to do with the authentic sources

1069

00:41:23,589 --> 00:41:20,960

what is the authentic what is the

1070

00:41:26,870 --> 00:41:23,599

authentic christian cosmology the bible

1071

00:41:28,790 --> 00:41:26,880

and the fathers and the councils

1072

00:41:30,950 --> 00:41:28,800

for the catholic and even for the

1073

00:41:31,910 --> 00:41:30,960

orthodox up to the seventh ecumenical

1074

00:41:34,470 --> 00:41:31,920

council

1075

00:41:35,030 --> 00:41:34,480

that is where you find the authentic

1076

00:41:36,710 --> 00:41:35,040

what is it

1077

00:41:38,309 --> 00:41:36,720

tell us rick tell us what the christian

1078

00:41:40,309 --> 00:41:38,319

cosmology is

1079

00:41:41,349 --> 00:41:40,319

well it differs tell us how it differs

1080

00:41:42,710 --> 00:41:41,359

from smoking

1081

00:41:45,829 --> 00:41:42,720

could we could we could recite the

1082

00:41:47,270 --> 00:41:45,839

nicene creed but it begins very very

1083

00:41:51,589 --> 00:41:47,280

simply

1084

00:41:55,270 --> 00:41:51,599

i believe in god the father almighty

1085

00:41:58,790 --> 00:41:55,280

maker of heaven earth

1086

00:42:01,829 --> 00:41:58,800

that is the fundamental cosmological

1087

00:42:02,710 --> 00:42:01,839

assertion of the christian religion the

1088

00:42:06,069 --> 00:42:02,720

universe

1089

00:42:09,270 --> 00:42:06,079

is not a self-assembling collection

1090

00:42:12,550 --> 00:42:09,280

of subatomic particles that somehow

1091

00:42:17,430 --> 00:42:12,560

emerge from the void and

1092

00:42:20,550 --> 00:42:17,440

voila given 13.8 billion years and a law

1093

00:42:23,030 --> 00:42:20,560

of gravity here we are

1094

00:42:23,829 --> 00:42:23,040

isn't that marvelous now that is

1095

00:42:26,710 --> 00:42:23,839

essentially

1096

00:42:28,550 --> 00:42:26,720

a straw manning of the current

1097

00:42:31,190 --> 00:42:28,560

cosmological picture

1098

00:42:32,230 --> 00:42:31,200

and i don't publish a such a straw man

1099

00:42:34,710 --> 00:42:32,240

because i wouldn't be able to

1100

00:42:37,750 --> 00:42:34,720

intellectually live with myself

1101

00:42:38,309 --> 00:42:37,760

if i straw manned my opposition the way

1102

00:42:41,910 --> 00:42:38,319

that the

1103

00:42:45,030 --> 00:42:41,920

oxford dawn who wrote how god became god

1104

00:42:46,790 --> 00:42:45,040

has strawman the christian message but

1105

00:42:50,069 --> 00:42:46,800

the fundamental difference

1106

00:42:51,030 --> 00:42:50,079

between my cosmology and the cosmology

1107

00:42:55,589 --> 00:42:51,040

of the modern

1108

00:42:56,870 --> 00:42:55,599

scientists is that he insists

1109

00:42:58,550 --> 00:42:56,880

that those we'll talk about that because

1110

00:42:59,670 --> 00:42:58,560

we're going to agree on that what we're

1111

00:43:02,710 --> 00:42:59,680

not going to agree on

1112

00:43:03,829 --> 00:43:02,720

small is just telling us the adam and

1113

00:43:05,750 --> 00:43:03,839

eve story

1114

00:43:07,829 --> 00:43:05,760

and you haven't told us what part of the

1115

00:43:10,870 --> 00:43:07,839

adam and eve story he's telling us his

1116

00:43:16,290 --> 00:43:10,880

story well so tell us tell us what's

1117

00:43:21,910 --> 00:43:19,190

[Music]

1118

00:43:22,870 --> 00:43:21,920

interestingly enough in the book of

1119

00:43:26,150 --> 00:43:22,880

genesis

1120

00:43:29,510 --> 00:43:26,160

in fact in the second chapter

1121

00:43:30,069 --> 00:43:29,520

of the book of genesis now if the author

1122

00:43:33,829 --> 00:43:30,079

of how

1123

00:43:37,190 --> 00:43:33,839

god became god richard smolder

1124

00:43:40,950 --> 00:43:37,200

had any actual interest in

1125

00:43:41,430 --> 00:43:40,960

grappling with that story the adam and

1126

00:43:44,470 --> 00:43:41,440

eve

1127

00:43:46,470 --> 00:43:44,480

story he would have started out with the

1128

00:43:49,990 --> 00:43:46,480

basic intellectual honesty

1129

00:43:52,790 --> 00:43:50,000

of presenting the story as we have it

1130

00:43:53,349 --> 00:43:52,800

in scripture but that wouldn't work at

1131

00:43:56,550 --> 00:43:53,359

all

1132

00:43:57,430 --> 00:43:56,560

he needs to rewrite that story in other

1133

00:44:00,710 --> 00:43:57,440

words

1134

00:44:05,109 --> 00:44:00,720

to straw man that story so that he can

1135

00:44:08,069 --> 00:44:05,119

in the vultarian sense skewer it

1136

00:44:10,069 --> 00:44:08,079

as ridiculous on its face well it is

1137

00:44:10,790 --> 00:44:10,079

ridiculous on its face the way he writes

1138

00:44:35,190 --> 00:44:10,800

it

1139  
00:44:38,390 --> 00:44:35,200  
jamming down the throat

1140  
00:44:40,710 --> 00:44:38,400  
all due respect alex you you

1141  
00:44:42,230 --> 00:44:40,720  
claim to be if you claim to be a student

1142  
00:44:45,430 --> 00:44:42,240  
this stuff doesn't appear

1143  
00:44:48,550 --> 00:44:45,440  
anywhere in my film it does not

1144  
00:44:52,069 --> 00:44:48,560  
you are current here alex you

1145  
00:44:55,910 --> 00:44:52,079  
are correct it does not appear anywhere

1146  
00:44:56,950 --> 00:44:55,920  
in your very exit yet 40 minutes of this

1147  
00:44:59,589 --> 00:44:56,960  
interview

1148  
00:45:00,230 --> 00:44:59,599  
has been dedicated to something that

1149  
00:45:03,990 --> 00:45:00,240  
isn't

1150  
00:45:07,190 --> 00:45:04,000  
even in the film i ask in all honesty

1151

00:45:10,630 --> 00:45:07,200

sir who is jamming what down

1152

00:45:14,230 --> 00:45:10,640

whose throat rick

1153

00:45:16,550 --> 00:45:14,240

in in fairness right we schedule i

1154

00:45:19,430 --> 00:45:16,560

scheduled this interview with you

1155

00:45:20,710 --> 00:45:19,440

because your people sent me a thing and

1156

00:45:23,109 --> 00:45:20,720

your people sent me

1157

00:45:24,309 --> 00:45:23,119

the trailer on the film and the one

1158

00:45:26,950 --> 00:45:24,319

sheet on the film

1159

00:45:27,589 --> 00:45:26,960

and it was about scientism and it was

1160

00:45:30,150 --> 00:45:27,599

about

1161

00:45:31,589 --> 00:45:30,160

uh quantum physics and i immediately

1162

00:45:34,950 --> 00:45:31,599

said this is fantastic

1163

00:45:38,069 --> 00:45:34,960

i'm all in i watched the film

1164

00:45:41,430 --> 00:45:38,079

and i said this is great

1165

00:45:43,829 --> 00:45:41,440

but this christian crap is just

1166

00:45:46,309 --> 00:45:43,839

ridiculous there's no connection to it

1167

00:45:48,630 --> 00:45:46,319

and that overlay completely

1168

00:45:50,230 --> 00:45:48,640

kind of destroys the message of the film

1169

00:45:52,230 --> 00:45:50,240

i immediately emailed you

1170

00:45:54,069 --> 00:45:52,240

and said rick we shouldn't do this

1171

00:45:55,510 --> 00:45:54,079

interview because i don't think it's the

1172

00:45:57,270 --> 00:45:55,520

kind of interview you want to do

1173

00:45:59,270 --> 00:45:57,280

and then you turned around and made the

1174

00:46:01,589 --> 00:45:59,280

entire interview about the very thing

1175

00:46:03,349 --> 00:46:01,599

you said you didn't want to discuss

1176  
00:46:04,870 --> 00:46:03,359  
no no no you you just see again so

1177  
00:46:06,710 --> 00:46:04,880  
you're not a good listener rick

1178  
00:46:08,470 --> 00:46:06,720  
because that's not what i said it's not

1179  
00:46:10,710 --> 00:46:08,480  
that i said i don't want to discuss it

1180  
00:46:12,230 --> 00:46:10,720  
i said you don't want to discuss it

1181  
00:46:12,790 --> 00:46:12,240  
because i don't want to sit there and

1182  
00:46:16,230 --> 00:46:12,800  
just

1183  
00:46:18,470 --> 00:46:16,240  
talk about it to discuss it alex i am

1184  
00:46:19,510 --> 00:46:18,480  
more than happy to discuss it the

1185  
00:46:22,230 --> 00:46:19,520  
problem is

1186  
00:46:23,270 --> 00:46:22,240  
as we attempt to discuss it instead of

1187  
00:46:26,470 --> 00:46:23,280  
engaging

1188  
00:46:27,430 --> 00:46:26,480

with the actual content of the catholic

1189

00:46:30,230 --> 00:46:27,440

faith which i'm

1190

00:46:32,630 --> 00:46:30,240

perfectly prepared to defend you instead

1191

00:46:36,069 --> 00:46:32,640

present this ridiculous

1192

00:46:36,390 --> 00:46:36,079

straw man and as if i'm supposed to sit

1193

00:46:38,790 --> 00:46:36,400

here

1194

00:46:44,069 --> 00:46:38,800

weakly and allow you to jam that down my

1195

00:46:51,430 --> 00:46:48,069

that's true anyway look here's the thing

1196

00:46:53,670 --> 00:46:51,440

we incorporated the biographical section

1197

00:46:57,270 --> 00:46:53,680

of the story of warfare

1198

00:47:00,309 --> 00:46:57,280

precisely so that

1199

00:47:01,670 --> 00:47:00,319

the remarkable intellectual journey of

1200

00:47:03,670 --> 00:47:01,680

this man

1201  
00:47:04,710 --> 00:47:03,680  
can be understood by the audience

1202  
00:47:07,589 --> 00:47:04,720  
because it is

1203  
00:47:09,750 --> 00:47:07,599  
an interesting thing it is the exact

1204  
00:47:11,829 --> 00:47:09,760  
opposite of your journey

1205  
00:47:13,829 --> 00:47:11,839  
in other words you started out you know

1206  
00:47:15,990 --> 00:47:13,839  
what my journey is how can you say

1207  
00:47:17,589 --> 00:47:16,000  
something i know this much i know you

1208  
00:47:19,349 --> 00:47:17,599  
started out in the greek orthodox church

1209  
00:47:20,950 --> 00:47:19,359  
and you're not in it anymore okay so

1210  
00:47:26,710 --> 00:47:20,960  
that's all i need to know

1211  
00:47:31,030 --> 00:47:29,750  
your story is the exact opposite of

1212  
00:47:34,230 --> 00:47:31,040  
wolfgang's because he

1213  
00:47:37,430 --> 00:47:34,240

started out outside

1214

00:47:41,430 --> 00:47:37,440

the church and pursuing

1215

00:47:44,630 --> 00:47:41,440

physics exclusively as the correct

1216

00:47:46,270 --> 00:47:44,640

way to understand the universe and his

1217

00:47:49,349 --> 00:47:46,280

journey has led him

1218

00:47:51,030 --> 00:47:49,359

precisely back to the place that you

1219

00:47:54,230 --> 00:47:51,040

consider to be so

1220

00:47:55,430 --> 00:47:54,240

ridiculous now that's an interesting

1221

00:47:56,790 --> 00:47:55,440

thing to me

1222

00:47:59,190 --> 00:47:56,800

i certainly if i were making a

1223

00:48:02,030 --> 00:47:59,200

documentary about you

1224

00:48:03,190 --> 00:48:02,040

alex i would incorporate whatever

1225

00:48:06,230 --> 00:48:03,200

biographical

1226  
00:48:09,750 --> 00:48:06,240  
portions i could find that would explain

1227  
00:48:12,790 --> 00:48:09,760  
why you have departed from the world

1228  
00:48:13,990 --> 00:48:12,800  
view of your early years of the brief

1229  
00:48:15,589 --> 00:48:14,000  
orthodox church

1230  
00:48:17,910 --> 00:48:15,599  
because it would be important to

1231  
00:48:20,150 --> 00:48:17,920  
understand how you've arrived

1232  
00:48:22,549 --> 00:48:20,160  
at the positions you have now that's

1233  
00:48:25,349 --> 00:48:22,559  
exactly what we do in the welfare

1234  
00:48:25,990 --> 00:48:25,359  
let me clearly stand behind it 100 you

1235  
00:48:27,750 --> 00:48:26,000  
you should

1236  
00:48:29,109 --> 00:48:27,760  
because it's an awesome film and people

1237  
00:48:30,630 --> 00:48:29,119  
should go and watch it because it's

1238  
00:48:33,430 --> 00:48:30,640

incredibly

1239

00:48:35,589 --> 00:48:33,440

wonderfully done in terms of of science

1240

00:48:36,230 --> 00:48:35,599

and let me go one step further because i

1241

00:48:44,790 --> 00:48:36,240

would

1242

00:48:47,349 --> 00:48:44,800

said the the part about his

1243

00:48:48,710 --> 00:48:47,359

conversion back to catholicism doesn't

1244

00:48:49,829 --> 00:48:48,720

interfere with the film at all

1245

00:48:52,309 --> 00:48:49,839

and i don't want to leave people with

1246

00:48:53,829 --> 00:48:52,319

that impression it's not like

1247

00:48:55,589 --> 00:48:53,839

he gets up there and starts reading

1248

00:48:57,510 --> 00:48:55,599

scripture halfway through the film

1249

00:48:59,750 --> 00:48:57,520

or he's proselytizing or he's trying to

1250

00:49:01,829 --> 00:48:59,760

convert there's none of that

1251

00:49:02,870 --> 00:49:01,839

so the discussion we're having here

1252

00:49:04,230 --> 00:49:02,880

really if you

1253

00:49:06,069 --> 00:49:04,240

i can understand why it could be a

1254

00:49:08,390 --> 00:49:06,079

little bit off-putting to you because it

1255

00:49:11,030 --> 00:49:08,400

really is not at all

1256

00:49:11,589 --> 00:49:11,040

a fundamental or even necessary part of

1257

00:49:14,150 --> 00:49:11,599

the film

1258

00:49:15,589 --> 00:49:14,160

it's just the part that interests me

1259

00:49:17,349 --> 00:49:15,599

because i'm so interested in

1260

00:49:19,510 --> 00:49:17,359

consciousness and extending alex you're

1261

00:49:20,549 --> 00:49:19,520

a darn good interviewer and i'll tell

1262

00:49:22,710 --> 00:49:20,559

you why

1263

00:49:23,829 --> 00:49:22,720

because what this is where the rubber

1264

00:49:27,109 --> 00:49:23,839

meets the road

1265

00:49:29,190 --> 00:49:27,119

okay and it's darn

1266

00:49:31,109 --> 00:49:29,200

good that we should cross swords on this

1267

00:49:34,630 --> 00:49:31,119

because you and i do not agree

1268

00:49:37,030 --> 00:49:34,640

and you and wolfgang smith do not agree

1269

00:49:38,150 --> 00:49:37,040

in your assessment of the meaning of the

1270

00:49:41,510 --> 00:49:38,160

christian revelation

1271

00:49:43,270 --> 00:49:41,520

it's perfectly legitimate for you to put

1272

00:49:45,990 --> 00:49:43,280

the heat on for me here

1273

00:49:46,710 --> 00:49:46,000

i don't regret it or i'm not upset about

1274

00:49:50,309 --> 00:49:46,720

it at all

1275

00:49:53,190 --> 00:49:50,319

it makes for fantastic media it's a good

1276  
00:49:53,910 --> 00:49:53,200  
spark filled conversation don't get me

1277  
00:49:57,349 --> 00:49:53,920  
wrong

1278  
00:50:00,549 --> 00:49:57,359  
it's just that i'm gonna defend that

1279  
00:50:01,910 --> 00:50:00,559  
which i hold to be most important and

1280  
00:50:03,270 --> 00:50:01,920  
wolfgang will defend

1281  
00:50:05,349 --> 00:50:03,280  
that what you hold the most important

1282  
00:50:07,030 --> 00:50:05,359  
just as you will and we're not going to

1283  
00:50:09,430 --> 00:50:07,040  
agree on this point

1284  
00:50:10,870 --> 00:50:09,440  
but i very much appreciate the point you

1285  
00:50:13,430 --> 00:50:10,880  
just made about the film

1286  
00:50:14,710 --> 00:50:13,440  
if i had turned this into some sort of a

1287  
00:50:17,990 --> 00:50:14,720  
platform

1288  
00:50:19,190 --> 00:50:18,000

for wolfgang smith to proselytize i'd be

1289

00:50:21,430 --> 00:50:19,200

ashamed of myself

1290

00:50:22,309 --> 00:50:21,440

because i'd be falsely advertising what

1291

00:50:24,950 --> 00:50:22,319

fulfillment

1292

00:50:26,790 --> 00:50:24,960

thank you very much for making the point

1293

00:50:29,829 --> 00:50:26,800

that we do not introduce these

1294

00:50:31,750 --> 00:50:29,839

ideas as central to the resolution of

1295

00:50:33,349 --> 00:50:31,760

the quantum enigma

1296

00:50:35,670 --> 00:50:33,359

we introduce these ideas so that we can

1297

00:50:39,349 --> 00:50:35,680

understand wolfgang smith

1298

00:50:42,470 --> 00:50:39,359

and why he has been able to resolve

1299

00:50:46,470 --> 00:50:42,480

this profound problem

1300

00:50:50,790 --> 00:50:48,870

well said i think i might just want to

1301  
00:50:53,750 --> 00:50:50,800  
kind of leave it there

1302  
00:50:54,710 --> 00:50:53,760  
again folks our guest has been rick

1303  
00:50:57,270 --> 00:50:54,720  
delano

1304  
00:50:58,790 --> 00:50:57,280  
i think you got a good enough view of

1305  
00:51:00,230 --> 00:50:58,800  
where he's coming from but

1306  
00:51:01,829 --> 00:51:00,240  
maybe i turned up the heat too much

1307  
00:51:05,109 --> 00:51:01,839  
because he's fantastic

1308  
00:51:08,390 --> 00:51:05,119  
in this movie he's extremely well-spoken

1309  
00:51:10,230 --> 00:51:08,400  
and well-versed on these topics the

1310  
00:51:11,510 --> 00:51:10,240  
if if anything if there's one thing

1311  
00:51:12,390 --> 00:51:11,520  
about the movie that i would kind of

1312  
00:51:15,589 --> 00:51:12,400  
warn you of

1313  
00:51:19,270 --> 00:51:15,599

is it's a deep dive into serious

1314

00:51:21,829 --> 00:51:19,280

science so put on your big boy

1315

00:51:22,309 --> 00:51:21,839

boots and buckle up and i think you

1316

00:51:25,990 --> 00:51:22,319

really

1317

00:51:28,069 --> 00:51:26,000

enjoy re-learning about quantum physics

1318

00:51:29,829 --> 00:51:28,079

and our history of it and why it's so

1319

00:51:32,710 --> 00:51:29,839

important to

1320

00:51:34,790 --> 00:51:32,720

kind of dispel the absolute insanity

1321

00:51:37,589 --> 00:51:34,800

that we find ourselves in with

1322

00:51:38,710 --> 00:51:37,599

materialistic science as we know it rick

1323

00:51:41,190 --> 00:51:38,720

tell folks in the

1324

00:51:42,230 --> 00:51:41,200

little bit of time we have left when the

1325

00:51:44,630 --> 00:51:42,240

movie will be out

1326  
00:51:45,910 --> 00:51:44,640  
and what you're doing in connection with

1327  
00:51:47,589 --> 00:51:45,920  
it to get people

1328  
00:51:49,430 --> 00:51:47,599  
interested in it well the movie was

1329  
00:51:51,990 --> 00:51:49,440  
released theatrically uh

1330  
00:51:53,030 --> 00:51:52,000  
in january we were rolling along quite

1331  
00:51:55,190 --> 00:51:53,040  
wonderfully and then

1332  
00:51:57,750 --> 00:51:55,200  
coveted 19 came along and blew that

1333  
00:52:00,309 --> 00:51:57,760  
entire business out of existence

1334  
00:52:01,270 --> 00:52:00,319  
so we have just this past week this past

1335  
00:52:04,069 --> 00:52:01,280  
wednesday

1336  
00:52:04,549 --> 00:52:04,079  
released the film digitally it can be

1337  
00:52:10,309 --> 00:52:04,559  
found

1338  
00:52:13,349 --> 00:52:10,319

at [www.the end of quantumreality.com](http://www.theendofquantumreality.com)

1339

00:52:16,549 --> 00:52:13,359

and i must thank the audience most

1340

00:52:18,870 --> 00:52:16,559

profoundly we're off to an amazing start

1341

00:52:19,670 --> 00:52:18,880

and we hope that the film will prove to

1342

00:52:22,870 --> 00:52:19,680

be

1343

00:52:24,710 --> 00:52:22,880

worthy of serious consideration what's

1344

00:52:28,069 --> 00:52:24,720

next after this rick

1345

00:52:30,150 --> 00:52:28,079

ah that's a great question i always say

1346

00:52:31,990 --> 00:52:30,160

after one of these films i'll never make

1347

00:52:34,470 --> 00:52:32,000

another one because they almost kill

1348

00:52:35,910 --> 00:52:34,480

me but i never thought i'd make this one

1349

00:52:37,990 --> 00:52:35,920

so i don't really know i mean

1350

00:52:39,430 --> 00:52:38,000

what i want to do more than anything

1351

00:52:44,230 --> 00:52:39,440

else now

1352

00:52:47,510 --> 00:52:44,240

is really establish wolfgang's work

1353

00:52:49,829 --> 00:52:47,520

as as strongly as i possibly can in

1354

00:52:52,309 --> 00:52:49,839

in as many areas as i possibly can we

1355

00:52:53,990 --> 00:52:52,319

won't have him with us that much longer

1356

00:52:55,910 --> 00:52:54,000

i hope to have an international

1357

00:52:58,950 --> 00:52:55,920

conference on vertical causation

1358

00:52:59,750 --> 00:52:58,960

in physics next year and we hope to have

1359

00:53:02,710 --> 00:52:59,760

a filos

1360

00:53:04,069 --> 00:53:02,720

sofia initiative special edition of his

1361

00:53:06,710 --> 00:53:04,079

collective works

1362

00:53:08,309 --> 00:53:06,720

ready to go sometime next year too after

1363

00:53:09,030 --> 00:53:08,319

that we'll just have to see if there's

1364

00:53:10,950 --> 00:53:09,040

any

1365

00:53:12,829 --> 00:53:10,960

movies out there that really need to be

1366

00:53:15,430 --> 00:53:12,839

made that nobody else is going to take

1367

00:53:17,750 --> 00:53:15,440

on and finally rick for anyone who might

1368

00:53:19,910 --> 00:53:17,760

be interested in your first movie hit

1369

00:53:22,950 --> 00:53:19,920

which i've just kind of dipped into

1370

00:53:26,069 --> 00:53:22,960

looks extremely interesting

1371

00:53:27,670 --> 00:53:26,079

tell folks quickly about that

1372

00:53:29,510 --> 00:53:27,680

well there's one idea that brings the

1373

00:53:31,549 --> 00:53:29,520

modern world into existence and that is

1374

00:53:34,549 --> 00:53:31,559

what we know today is the copernican

1375

00:53:36,309 --> 00:53:34,559

cosmological principle this is the

1376

00:53:39,349 --> 00:53:36,319

foundational idea that

1377

00:53:41,990 --> 00:53:39,359

brings the modern world into existence

1378

00:53:43,990 --> 00:53:42,000

and it can be stated very easily the

1379

00:53:46,309 --> 00:53:44,000

earth is not in any special

1380

00:53:48,549 --> 00:53:46,319

central or privileged location with

1381

00:53:51,270 --> 00:53:48,559

respect to large-scale structure

1382

00:53:52,390 --> 00:53:51,280

of the cosmos this is the most widely

1383

00:53:54,829 --> 00:53:52,400

believed

1384

00:53:56,069 --> 00:53:54,839

assumption in the history of western

1385

00:53:59,750 --> 00:53:56,079

civilization

1386

00:54:01,990 --> 00:53:59,760

and there are astonishing new

1387

00:54:03,190 --> 00:54:02,000

observations of the cosmos on its very

1388

00:54:05,589 --> 00:54:03,200

large scales

1389

00:54:07,030 --> 00:54:05,599

that call this assumption into very

1390

00:54:08,950 --> 00:54:07,040

serious question

1391

00:54:10,069 --> 00:54:08,960

we made a film about it it's called the

1392

00:54:14,069 --> 00:54:10,079

principal

1393

00:54:17,349 --> 00:54:14,079

and you can access that film at www

1394

00:54:20,870 --> 00:54:17,359

dot the principal movie that's p r i

1395

00:54:24,390 --> 00:54:20,880

n c i p l e not a l

1396

00:54:25,829 --> 00:54:24,400

the principal movie dot rick it's been

1397

00:54:29,190 --> 00:54:25,839

great having you on

1398

00:54:31,030 --> 00:54:29,200

thank you alex i enjoyed it very much

1399

00:54:33,510 --> 00:54:31,040

and uh thank you so much for giving me

1400

00:54:35,750 --> 00:54:33,520

the opportunity to speak with you today

1401  
00:54:36,789 --> 00:54:35,760  
with your so that'll wrap it up rick

1402  
00:54:39,670 --> 00:54:36,799  
with your permission

1403  
00:54:40,789 --> 00:54:39,680  
i will edit slightly some of the

1404  
00:54:42,950 --> 00:54:40,799  
combative

1405  
00:54:44,390 --> 00:54:42,960  
stuff does turn people off i want to

1406  
00:54:45,750 --> 00:54:44,400  
leave that

1407  
00:54:47,430 --> 00:54:45,760  
i want to leave some of it in here but

1408  
00:54:48,870 --> 00:54:47,440  
we just kind of we just kind of hashed

1409  
00:54:51,190 --> 00:54:48,880  
it again and again and that

1410  
00:54:53,270 --> 00:54:51,200  
gives people away there wasn't a single

1411  
00:54:55,910 --> 00:54:53,280  
bit of it that i didn't love

1412  
00:54:56,390 --> 00:54:55,920  
the sparks flying is part of what makes

1413  
00:54:59,589 --> 00:54:56,400

this

1414

00:55:02,870 --> 00:54:59,599

cool you're a tough interviewer

1415

00:55:03,510 --> 00:55:02,880

but an honest one and ultimately a fair

1416

00:55:05,670 --> 00:55:03,520

one

1417

00:55:07,829 --> 00:55:05,680

you got no problem for me at all my

1418

00:55:08,150 --> 00:55:07,839

friend okay buddy you take care and

1419

00:55:11,589 --> 00:55:08,160

let's

1420

00:55:13,589 --> 00:55:11,599

you're gonna have another one anytime

1421

00:55:14,309 --> 00:55:13,599

anytime anytime you wanna talk we'll

1422

00:55:17,190 --> 00:55:14,319

talk

1423

00:55:18,870 --> 00:55:17,200

okay take care thanks bye thanks again

1424

00:55:19,670 --> 00:55:18,880

to rick delano for joining me today on

1425

00:55:21,670 --> 00:55:19,680

skeptico

1426  
00:55:23,670 --> 00:55:21,680  
the one question i guess i'd have to tee

1427  
00:55:26,950 --> 00:55:23,680  
up from this interview is

1428  
00:55:28,309 --> 00:55:26,960  
is it fair to use someone's religion in

1429  
00:55:31,910 --> 00:55:28,319  
particular

1430  
00:55:33,829 --> 00:55:31,920  
someone's catholic faith as a litmus

1431  
00:55:35,109 --> 00:55:33,839  
test regarding their ability to talk

1432  
00:55:37,349 --> 00:55:35,119  
about these deeper science

1433  
00:55:38,470 --> 00:55:37,359  
questions and extended consciousness

1434  
00:55:41,109 --> 00:55:38,480  
questions

1435  
00:55:42,950 --> 00:55:41,119  
is that fair i guess that's the question

1436  
00:55:43,349 --> 00:55:42,960  
of course i'd love to hear what you

1437  
00:55:45,910 --> 00:55:43,359  
think

1438  
00:55:47,109 --> 00:55:45,920

i really really would i know that this

1439

00:55:48,549 --> 00:55:47,119

is a complicated issue

1440

00:55:50,230 --> 00:55:48,559

i know it can really trigger a lot of

1441

00:55:53,109 --> 00:55:50,240

people and i get that

1442

00:55:55,510 --> 00:55:53,119

but i think we gotta dive in check me

1443

00:55:57,589 --> 00:55:55,520

out over there at the skeptical forum

1444

00:55:59,990 --> 00:55:57,599

or of course just visit the skeptical

1445

00:56:02,150 --> 00:56:00,000

website or send me an email or reach me

1446

00:56:05,030 --> 00:56:02,160

however you would like

1447

00:56:05,430 --> 00:56:05,040

the point is to connect with folks who

1448

00:56:08,150 --> 00:56:05,440

were

1449

00:56:09,430 --> 00:56:08,160

interested in this kind of skeptico

1450

00:56:11,030 --> 00:56:09,440

stuff

1451

00:56:12,950 --> 00:56:11,040

please stay with me i have a bunch of

1452

00:56:14,950 --> 00:56:12,960

great shows coming up and some other

1453

00:56:16,230 --> 00:56:14,960

stuff i'm working on that i'm dying to

1454

00:56:19,150 --> 00:56:16,240

tell you about