

1
00:00:00,000 --> 00:00:05,580
um my wife tells me never to start with

2
00:00:03,330 --> 00:00:07,259
a bad joke so I ignore her advice the

3
00:00:05,580 --> 00:00:09,300
kind of paradigm I'm going to talk about

4
00:00:07,259 --> 00:00:12,839
today doesn't have anything to do with

5
00:00:09,300 --> 00:00:15,420
20 cents yeah I know how's even worse

6
00:00:12,839 --> 00:00:18,118
than I thought so anyway okay paradigm

7
00:00:15,419 --> 00:00:22,198
not having against sigh oh I can do this

8
00:00:18,118 --> 00:00:23,969
with us can't I okay so why do I call it

9
00:00:22,199 --> 00:00:26,490
the paradigm argument I'm going to give

10
00:00:23,969 --> 00:00:27,929
you a bit of background some most of us

11
00:00:26,489 --> 00:00:30,809
would be familiar but it doesn't hurt to

12
00:00:27,929 --> 00:00:32,368
have a little bit of review the term

13
00:00:30,809 --> 00:00:35,280
paradigm was introduced into the

14
00:00:32,368 --> 00:00:37,890
scientific literature really by tomconn

15
00:00:35,280 --> 00:00:40,140
back in 1962 with his book structure of

16
00:00:37,890 --> 00:00:43,969
scientific revolutions in the kind of

17
00:00:40,140 --> 00:00:45,929
paradigms he generally is talking about

18
00:00:43,969 --> 00:00:48,840
prevalent and science evolved the

19
00:00:45,929 --> 00:00:51,929
integration exploration integration of

20
00:00:48,840 --> 00:00:54,270
exploration explanation in the science

21
00:00:51,929 --> 00:00:57,090
community they provide the context of

22
00:00:54,270 --> 00:00:59,070
discovery they form the form the

23
00:00:57,090 --> 00:01:02,340
boundaries room in which science

24
00:00:59,070 --> 00:01:04,588
discoveries are are conducted or made

25
00:01:02,340 --> 00:01:07,310
actually they put these boundaries

26
00:01:04,588 --> 00:01:09,629
around what is considered to be possible

27
00:01:07,310 --> 00:01:11,790
direct energies and efficient organized

28
00:01:09,629 --> 00:01:13,500
ways that's important because there is

29

00:01:11,790 --> 00:01:15,210
no matter how much money the government

30
00:01:13,500 --> 00:01:19,319
may give you for research there's never

31
00:01:15,209 --> 00:01:21,000
actually enough is there and you have to

32
00:01:19,319 --> 00:01:22,949
have some way of organizing your

33
00:01:21,000 --> 00:01:26,549
research research in order to accomplish

34
00:01:22,950 --> 00:01:30,150
as much as possible with it and

35
00:01:26,549 --> 00:01:32,610
paradigms tend to resist departures from

36
00:01:30,150 --> 00:01:33,868
established theory and practice I want

37
00:01:32,609 --> 00:01:36,478
to say a little bit more about that last

38
00:01:33,868 --> 00:01:41,000
bullet okay because in doing that they

39
00:01:36,478 --> 00:01:43,618
also establish an orthodoxy now

40
00:01:41,000 --> 00:01:45,269
orthodoxy has a bad connotation in

41
00:01:43,618 --> 00:01:47,040
society today everybody thinks that's

42
00:01:45,269 --> 00:01:49,798
what we should be getting away from but

43
00:01:47,040 --> 00:01:52,259

in fact orthodoxy in most cases is

44

00:01:49,799 --> 00:01:55,110

useful and valuable Orthodox the end of

45

00:01:52,259 --> 00:01:56,459

itself is not bad it can establish

46

00:01:55,109 --> 00:01:59,519

principles that are actually effective

47

00:01:56,459 --> 00:02:02,218

and helpful and and promote good goals

48

00:01:59,519 --> 00:02:03,868

and particularly in research however

49

00:02:02,218 --> 00:02:05,459

there are times when orthodoxy gets out

50

00:02:03,868 --> 00:02:08,008

of control and we'll talk about that a

51

00:02:05,459 --> 00:02:10,258

little bit later so

52

00:02:08,008 --> 00:02:13,559

unfortunately one of the things about

53

00:02:10,258 --> 00:02:15,359

that orthodoxy is it does result in

54

00:02:13,560 --> 00:02:17,370

comments like this at least as far as

55

00:02:15,360 --> 00:02:19,290

ESP or SIA is concerned about most of

56

00:02:17,370 --> 00:02:21,629

you know of or know personally Richard

57

00:02:19,289 --> 00:02:23,128

Wiseman and a familiar this statement he

58
00:02:21,628 --> 00:02:26,219
says I agree that by the standards of

59
00:02:23,128 --> 00:02:28,289
any other area of science ESP is proven

60
00:02:26,219 --> 00:02:29,789
but it begs the question do we need

61
00:02:28,289 --> 00:02:33,539
higher standards of evidence when we

62
00:02:29,789 --> 00:02:36,328
study the paranormal I think we do okay

63
00:02:33,539 --> 00:02:38,128
and he of course is one of a large

64
00:02:36,329 --> 00:02:40,799
course of people making the kind of the

65
00:02:38,128 --> 00:02:43,798
same sort of demand brings to mind

66
00:02:40,799 --> 00:02:47,700
marchello true Z's extraordinary claims

67
00:02:43,799 --> 00:02:50,400
require extraordinary proof so why do

68
00:02:47,699 --> 00:02:58,199
many scientists find sigh oh yes be

69
00:02:50,400 --> 00:03:00,509
scary so first CLI day if it ain't broke

70
00:02:58,199 --> 00:03:03,598
don't fix it our current scientific

71
00:03:00,509 --> 00:03:06,358
paradigm works really well in fact

72
00:03:03,598 --> 00:03:10,530
arguably is the most successful research

73
00:03:06,359 --> 00:03:13,439
paradigm ever in effect in the world's

74
00:03:10,530 --> 00:03:17,039
history as far as we know right it's

75
00:03:13,439 --> 00:03:18,680
amazing what the paradigm overall the

76
00:03:17,039 --> 00:03:20,698
general paradigm has accomplished in

77
00:03:18,680 --> 00:03:24,359
relatively short period of time in human

78
00:03:20,699 --> 00:03:25,530
history so there's kind of a tendency

79
00:03:24,359 --> 00:03:30,150
not to want to tinker with something

80
00:03:25,530 --> 00:03:33,239
that's producing good results second ESP

81
00:03:30,150 --> 00:03:36,030
sigh sigh and general ESP evidence in

82
00:03:33,239 --> 00:03:38,759
particular seems to violate laws of

83
00:03:36,030 --> 00:03:43,560
nature and that's upsetting and of

84
00:03:38,759 --> 00:03:45,328
course ESP may itself be evidence of

85
00:03:43,560 --> 00:03:46,949
some non physical phenomena in the

86

00:03:45,329 --> 00:03:49,079
universe or some non physical force

87
00:03:46,949 --> 00:03:53,310
among physical aspects of the universe

88
00:03:49,079 --> 00:03:55,439
all of that gives some certain

89
00:03:53,310 --> 00:03:57,840
scientists to have a fit of the Quivers

90
00:03:55,439 --> 00:03:59,969
I guess you could say and it doesn't

91
00:03:57,840 --> 00:04:03,060
help when the folks who are in favor of

92
00:03:59,969 --> 00:04:06,060
ESP and sigh make statements like this

93
00:04:03,060 --> 00:04:07,590
let's let's get together and change the

94
00:04:06,060 --> 00:04:09,329
paradigm let's create a new paradigm

95
00:04:07,590 --> 00:04:12,539
let's get beyond science let's leave out

96
00:04:09,329 --> 00:04:14,340
a federal anything behind that's bound

97
00:04:12,539 --> 00:04:15,879
to scare Sanders as well and in fact

98
00:04:14,340 --> 00:04:18,310
this one

99
00:04:15,879 --> 00:04:21,519
samus is misguided this whole attitude

100
00:04:18,310 --> 00:04:24,370

is almost as misguided as the orthodoxy

101

00:04:21,519 --> 00:04:26,740

is in resisting it and I'll talk a

102

00:04:24,370 --> 00:04:29,800

little more about that later okay so

103

00:04:26,740 --> 00:04:34,660

this is the argument that the paradigm

104

00:04:29,800 --> 00:04:36,189

argument attacks got that okay this is

105

00:04:34,660 --> 00:04:39,760

the one that generally most of us I

106

00:04:36,189 --> 00:04:42,009

think support if there is a if there is

107

00:04:39,759 --> 00:04:45,909

the right kind of evidence for ESP then

108

00:04:42,009 --> 00:04:48,819

ESP must be real there is the right kind

109

00:04:45,910 --> 00:04:52,570

of evidence for ESP therefore we should

110

00:04:48,819 --> 00:04:53,920

accept ESP Israel okay it's very

111

00:04:52,569 --> 00:04:55,509

straightforward it makes a lot of sense

112

00:04:53,920 --> 00:04:57,850

most people think that seems plausible

113

00:04:55,509 --> 00:04:59,379

why is why would that be wrong the

114

00:04:57,850 --> 00:05:02,530

paradigm argument generally specified

115
00:04:59,379 --> 00:05:04,569
goes like this though if even if you

116
00:05:02,529 --> 00:05:06,789
have good evidence for ESP there's no

117
00:05:04,569 --> 00:05:08,409
explanatory framework for it if you

118
00:05:06,790 --> 00:05:09,640
don't have an explanatory framework for

119
00:05:08,410 --> 00:05:11,470
it it doesn't have its own paradigm and

120
00:05:09,639 --> 00:05:14,589
if it did it would be in conflict with

121
00:05:11,470 --> 00:05:17,080
the current paradigm right so you can't

122
00:05:14,589 --> 00:05:21,549
explain it and without that kind of

123
00:05:17,079 --> 00:05:25,029
theory science can legitimately not take

124
00:05:21,550 --> 00:05:27,160
it seriously so if you have an

125
00:05:25,029 --> 00:05:29,079
explanation for it will let it into the

126
00:05:27,160 --> 00:05:31,060
club if you don't have an explanation

127
00:05:29,079 --> 00:05:32,919
for it it really doesn't matter how good

128
00:05:31,060 --> 00:05:36,310
it is we're going to hold it at arm's

129
00:05:32,920 --> 00:05:37,990
length so how many have heard something

130
00:05:36,310 --> 00:05:41,680
along these lines from some sinus or

131
00:05:37,990 --> 00:05:43,900
skeptics somewhere yeah this even though

132
00:05:41,680 --> 00:05:46,329
often times it's not explicitly stated

133
00:05:43,899 --> 00:05:48,699
this is the impious an argument that is

134
00:05:46,329 --> 00:05:51,789
behind many many many skeptical

135
00:05:48,699 --> 00:05:53,319
arguments against ESPN site okay so it's

136
00:05:51,790 --> 00:05:56,350
going a little bit more detail yourself

137
00:05:53,319 --> 00:05:58,599
a real phenomenon must be in principle

138
00:05:56,350 --> 00:05:59,800
for not a prince / explainable okay so

139
00:05:58,600 --> 00:06:04,660
I'm just breaking this argument down

140
00:05:59,800 --> 00:06:07,000
into into its a constituent parts if if

141
00:06:04,660 --> 00:06:09,430
an anion is unexplainable there are two

142
00:06:07,000 --> 00:06:13,420
possibilities either the current

143

00:06:09,430 --> 00:06:18,579
paradigm is incomplete or wrong or the

144
00:06:13,420 --> 00:06:21,540
phenomenon isn't actually real it's

145
00:06:18,579 --> 00:06:24,819
wrong to abandon a successful paradigm

146
00:06:21,540 --> 00:06:25,129
just because you have some data that it

147
00:06:24,819 --> 00:06:28,069
can

148
00:06:25,129 --> 00:06:30,199
manage every scientific theory has some

149
00:06:28,069 --> 00:06:33,709
anomaly anomalous data associated with

150
00:06:30,199 --> 00:06:36,199
it particularly relatively new ones and

151
00:06:33,709 --> 00:06:37,908
the idea is that science works on

152
00:06:36,199 --> 00:06:42,889
reconciling those anomalies with the

153
00:06:37,908 --> 00:06:45,379
base third classic example is orbit was

154
00:06:42,889 --> 00:06:48,139
it Neptune I think they were Neptune

155
00:06:45,379 --> 00:06:49,959
whichever was an aberration in it that

156
00:06:48,139 --> 00:06:52,429
wasn't explained about Copernican theory

157
00:06:49,959 --> 00:06:54,050

it was an anomaly but with further

158

00:06:52,428 --> 00:06:56,118

research he discovered why that was and

159

00:06:54,050 --> 00:06:57,348

it fit right into the model okay how to

160

00:06:56,119 --> 00:07:00,860

do if they did another planet they

161

00:06:57,348 --> 00:07:02,748

didn't know was there okay but just

162

00:07:00,860 --> 00:07:05,330

because you have some data that doesn't

163

00:07:02,749 --> 00:07:07,669

work doesn't necessarily mean that your

164

00:07:05,329 --> 00:07:09,709

paradigm is wrong okay it's more

165

00:07:07,668 --> 00:07:11,359

reasonable to reject that data instead

166

00:07:09,709 --> 00:07:15,319

if you can't find an explanation for it

167

00:07:11,360 --> 00:07:17,919

and so since evidence for site is not

168

00:07:15,319 --> 00:07:20,149

explained in fact contradicts current

169

00:07:17,918 --> 00:07:23,359

paradigmatic science say that very

170

00:07:20,149 --> 00:07:25,369

quickly several times we should reject

171

00:07:23,360 --> 00:07:29,259

the silence even if it is scientifically

172
00:07:25,369 --> 00:07:31,009
produced okay it is really kind of a

173
00:07:29,259 --> 00:07:33,050
plausible argument but there's this

174
00:07:31,009 --> 00:07:35,538
further added thing that ought to be

175
00:07:33,050 --> 00:07:37,158
there which is until such a time as we

176
00:07:35,538 --> 00:07:38,718
can either find a way to fit it within

177
00:07:37,158 --> 00:07:41,569
the current paradigm or can conclusively

178
00:07:38,718 --> 00:07:43,639
prove the evidence is wrong or of course

179
00:07:41,569 --> 00:07:46,179
then the outside possibility that the

180
00:07:43,639 --> 00:07:50,658
paradigm is wrong all right but when

181
00:07:46,178 --> 00:07:54,768
critics of cyan DSP research formulate

182
00:07:50,658 --> 00:07:56,718
this argument they leave that part in I

183
00:07:54,769 --> 00:07:58,278
mean the only that part in they state

184
00:07:56,718 --> 00:08:00,918
the first part of the statement and then

185
00:07:58,278 --> 00:08:02,569
they ignore the rest of it and so

186
00:08:00,918 --> 00:08:06,978
essentially the bottom line is ignore

187
00:08:02,569 --> 00:08:10,069
the ESP evidence okay so here's an

188
00:08:06,978 --> 00:08:11,740
example not of ignoring ESP but of the

189
00:08:10,069 --> 00:08:14,059
reasoning behind this okay so

190
00:08:11,740 --> 00:08:17,179
everybody's mayor the geocentric the

191
00:08:14,059 --> 00:08:18,740
Ptolemaic worldview cosmology idea the

192
00:08:17,178 --> 00:08:20,478
planets and the Sun and everything went

193
00:08:18,740 --> 00:08:22,550
around the earth and because there were

194
00:08:20,478 --> 00:08:23,990
some strange movements in the way of the

195
00:08:22,550 --> 00:08:27,019
planet sometimes seem to go retrograde

196
00:08:23,990 --> 00:08:29,179
they built they both in these epicycles

197
00:08:27,019 --> 00:08:33,558
where is very convoluted kind of a

198
00:08:29,178 --> 00:08:36,000
complex system but it worked mostly and

199
00:08:33,558 --> 00:08:40,319
then the heliocentric theory came

200

00:08:36,000 --> 00:08:44,750
longer first was rejected okay and for a

201
00:08:40,320 --> 00:08:47,310
long time it was it was kind of it was

202
00:08:44,750 --> 00:08:49,440
well it was not accepted but the

203
00:08:47,309 --> 00:08:52,859
geocentric field was continued to be

204
00:08:49,440 --> 00:08:54,330
promoted and taught and in fact one

205
00:08:52,860 --> 00:08:57,330
philosopher thinks that was a good thing

206
00:08:54,330 --> 00:08:58,950
sort of says for one time the most

207
00:08:57,330 --> 00:09:00,629
rational thing was to keep geocentrism

208
00:08:58,950 --> 00:09:02,730
warts and all it would have been wrong

209
00:09:00,629 --> 00:09:04,409
headed to a bend in geocentrism and it's

210
00:09:02,730 --> 00:09:07,259
epicycles without its Copernican

211
00:09:04,409 --> 00:09:09,689
replacement so just because you have an

212
00:09:07,259 --> 00:09:11,429
alternate theory if the fear you

213
00:09:09,690 --> 00:09:13,650
actually currently subscribe to works

214
00:09:11,429 --> 00:09:15,719

better and explaining what you've been

215

00:09:13,649 --> 00:09:17,519

able to observe so far you should keep a

216

00:09:15,720 --> 00:09:19,590

whole of the crew and yeah you know it

217

00:09:17,519 --> 00:09:23,100

may be essentially wrong and so this is

218

00:09:19,590 --> 00:09:25,200

elicited by this philosopher says a fast

219

00:09:23,100 --> 00:09:27,840

thing with high very similar to it may

220

00:09:25,200 --> 00:09:29,759

be the only hope to guide research it is

221

00:09:27,840 --> 00:09:32,280

better that is then no theory at all

222

00:09:29,759 --> 00:09:34,799

refutation at T requires rejection in

223

00:09:32,279 --> 00:09:36,689

principle but not rejection at T so now

224

00:09:34,799 --> 00:09:39,269

here's a bit a specific time no youth is

225

00:09:36,690 --> 00:09:41,520

wrong you're still better off using it

226

00:09:39,269 --> 00:09:44,879

until you have something that really

227

00:09:41,519 --> 00:09:47,189

does answer the questions and so under

228

00:09:44,879 --> 00:09:48,720

this certain this just otherwise the I

229
00:09:47,190 --> 00:09:52,080
did if you don't have an explanation for

230
00:09:48,720 --> 00:09:55,889
DSP then you don't pay much attention to

231
00:09:52,080 --> 00:09:57,690
it until you do okay so let's talk about

232
00:09:55,889 --> 00:09:59,220
replacement theories which ties right in

233
00:09:57,690 --> 00:10:01,080
the previous statement so a placement

234
00:09:59,220 --> 00:10:03,029
theory has to give you better

235
00:10:01,080 --> 00:10:04,830
explanatory power than the theory that

236
00:10:03,029 --> 00:10:08,879
is going to replace or there's no point

237
00:10:04,830 --> 00:10:11,670
in replacing it okay and in fact if if

238
00:10:08,879 --> 00:10:13,289
the other thing isn't as good then

239
00:10:11,669 --> 00:10:17,870
you're better to stick with one you have

240
00:10:13,289 --> 00:10:20,399
there is no good theory force I or ESP

241
00:10:17,870 --> 00:10:22,200
therefore ESP evidence cannot count

242
00:10:20,399 --> 00:10:23,789
against physicalism and I'm going to

243
00:10:22,200 --> 00:10:27,720
elaborate on what physicalism really

244
00:10:23,789 --> 00:10:30,599
means here shortly so statement from

245
00:10:27,720 --> 00:10:32,279
hails again ESP is not consistently hear

246
00:10:30,600 --> 00:10:33,839
our best empirical three or with our

247
00:10:32,279 --> 00:10:36,750
best philosophical theories about the

248
00:10:33,839 --> 00:10:38,400
mind keep this quote in mind it's not

249
00:10:36,750 --> 00:10:40,830
consistent with you I'll bet either our

250
00:10:38,399 --> 00:10:44,399
best empirical phase or with our best

251
00:10:40,830 --> 00:10:45,590
place a philosophical theories okay and

252
00:10:44,399 --> 00:10:47,539
so we should

253
00:10:45,590 --> 00:10:48,800
for any hypothesis consistent with

254
00:10:47,539 --> 00:10:51,889
except with the accepted pyridine

255
00:10:48,799 --> 00:10:53,959
instead and he he gets carried away on

256
00:10:51,889 --> 00:10:56,029
this when he says in fact and he

257

00:10:53,960 --> 00:11:00,800
specifically addresses reincarnation he

258
00:10:56,029 --> 00:11:02,720
says reincarnation the the non-material

259
00:11:00,799 --> 00:11:05,959
a non-physical view of reincarnation

260
00:11:02,720 --> 00:11:08,570
should be rejected he says any theory in

261
00:11:05,960 --> 00:11:11,000
that has a physical explanation is

262
00:11:08,570 --> 00:11:13,610
better than the non-material explanation

263
00:11:11,000 --> 00:11:15,230
so for example it uses this example lots

264
00:11:13,610 --> 00:11:16,940
of things you have you have this group

265
00:11:15,230 --> 00:11:18,769
of aliens that likes to abduct people

266
00:11:16,940 --> 00:11:21,080
and mess with their minds just because

267
00:11:18,769 --> 00:11:22,370
it's fun to do right and he implant the

268
00:11:21,080 --> 00:11:23,780
implant all these past memories and

269
00:11:22,370 --> 00:11:25,730
stuff and then they put the people back

270
00:11:23,779 --> 00:11:28,789
into their society and the people go and

271
00:11:25,730 --> 00:11:30,110

claim on all these things he says that

272

00:11:28,789 --> 00:11:31,639
may be a bizarre theory but it's

273

00:11:30,110 --> 00:11:33,649
actually better than the non-material

274

00:11:31,639 --> 00:11:35,569
version because at least is explainable

275

00:11:33,649 --> 00:11:36,949
in the physical context there's reason

276

00:11:35,570 --> 00:11:39,379
to believe there might be aliens it

277

00:11:36,950 --> 00:11:40,940
could conceivably be possible in a

278

00:11:39,379 --> 00:11:43,429
physical way to convict those kind of

279

00:11:40,940 --> 00:11:45,500
experiments therefore even as well as

280

00:11:43,429 --> 00:11:47,659
helping design ideas it's better than

281

00:11:45,500 --> 00:11:53,690
prostrating a non-physical non material

282

00:11:47,659 --> 00:11:55,699
aspect to the universe okay so I like to

283

00:11:53,690 --> 00:11:57,770
add this and so we prefer a lehigh it

284

00:11:55,700 --> 00:12:00,860
should prefer any hypothesis no matter

285

00:11:57,769 --> 00:12:03,829
how ridiculous it is and we see that

286
00:12:00,860 --> 00:12:07,909
often times than skeptical debates well

287
00:12:03,830 --> 00:12:09,470
I better talk really fast okay a ready

288
00:12:07,909 --> 00:12:11,990
paradigm argument goes wrong the first

289
00:12:09,470 --> 00:12:13,490
thing is oftentimes a presumed presumes

290
00:12:11,990 --> 00:12:15,549
that the available evidence is trivial

291
00:12:13,490 --> 00:12:18,830
crim talks about in his paradigm

292
00:12:15,549 --> 00:12:20,299
research that when you get if you get a

293
00:12:18,830 --> 00:12:21,950
big enough bag of evidence you can

294
00:12:20,299 --> 00:12:24,079
actually cause the paradigm to be change

295
00:12:21,950 --> 00:12:26,390
you have a scientific revolution the

296
00:12:24,080 --> 00:12:28,100
folks who argue against I presume it has

297
00:12:26,389 --> 00:12:30,259
a lease argue that it has less

298
00:12:28,100 --> 00:12:32,000
substantial evidence that has as little

299
00:12:30,259 --> 00:12:35,600
substantial evidence and many of the

300
00:12:32,000 --> 00:12:37,789
other bizarre kinds of claims about you

301
00:12:35,600 --> 00:12:40,700
know fringe science claims and such okay

302
00:12:37,789 --> 00:12:43,339
but the fact is they're wrong about this

303
00:12:40,700 --> 00:12:44,930
in my own research my dissertation I was

304
00:12:43,340 --> 00:12:46,460
trying to tailor it just pray with a

305
00:12:44,929 --> 00:12:50,120
pair of our research programs in

306
00:12:46,460 --> 00:12:52,850
parapsychology presentment delayed

307
00:12:50,120 --> 00:12:54,080
hear this there I found 23 stages at the

308
00:12:52,850 --> 00:12:55,850
time I finished there's been a couple

309
00:12:54,080 --> 00:12:57,170
more about sense of those 12 or

310
00:12:55,850 --> 00:12:59,778
significant three year in a positive

311
00:12:57,169 --> 00:13:02,269
direction but non-significant the rest

312
00:12:59,778 --> 00:13:04,189
were not significant where it by

313
00:13:02,269 --> 00:13:05,299
Chancellor should only be one successful

314

00:13:04,190 --> 00:13:08,960
one so this shows there's something

315
00:13:05,299 --> 00:13:10,849
going on all right dissing direct mental

316
00:13:08,960 --> 00:13:13,750
in reaction of learning systems 68

317
00:13:10,850 --> 00:13:16,790
studies very significant six mixed bag

318
00:13:13,750 --> 00:13:18,528
aight positive but not significant 11

319
00:13:16,789 --> 00:13:20,389
were non-significant but some of those

320
00:13:18,528 --> 00:13:22,338
11 will actually tests and boundary

321
00:13:20,389 --> 00:13:24,799
conditions and they almost don't count

322
00:13:22,339 --> 00:13:26,360
as replications because your chest

323
00:13:24,799 --> 00:13:27,559
parameters that you don't know if

324
00:13:26,360 --> 00:13:28,700
they're actually going to work or not

325
00:13:27,559 --> 00:13:31,549
and so some of those were just

326
00:13:28,700 --> 00:13:32,810
exploratory so in chance for this number

327
00:13:31,549 --> 00:13:35,088
you'd expect three and they actually

328
00:13:32,809 --> 00:13:37,429

have 40 remote viewing I can't even

329

00:13:35,089 --> 00:13:41,420

tabulated there's so much material here

330

00:13:37,429 --> 00:13:45,079

in rem report in 1988 recently in class

331

00:13:41,419 --> 00:13:47,299

Declassified almost 26,000 trials odds

332

00:13:45,080 --> 00:13:49,040

against chance of the successful results

333

00:13:47,299 --> 00:13:53,329

was two times ten to the twentieth

334

00:13:49,039 --> 00:13:55,490

that's two followed by twenty zeros one

335

00:13:53,330 --> 00:13:57,920

against chance of course the pair of

336

00:13:55,490 --> 00:14:00,919

pair of trial 653 and you see that they

337

00:13:57,919 --> 00:14:02,149

got a great result as well and they are

338

00:14:00,919 --> 00:14:04,099

you heard something about that issue

339

00:14:02,149 --> 00:14:07,370

there's even more to say about a RV they

340

00:14:04,100 --> 00:14:08,480

don't have time okay our paradigm argues

341

00:14:07,370 --> 00:14:11,060

that science has alternative

342

00:14:08,480 --> 00:14:13,129

explanations Desai and similars are a

343
00:14:11,059 --> 00:14:15,859
fraud plasma misinterpretation of data

344
00:14:13,129 --> 00:14:17,720
the fact is if you can discount those as

345
00:14:15,860 --> 00:14:20,450
I think has been done in a number of

346
00:14:17,720 --> 00:14:21,889
cases if you eliminate them size doesn't

347
00:14:20,450 --> 00:14:24,080
have an explanation so remember to go

348
00:14:21,889 --> 00:14:27,049
back to your best days the reason there

349
00:14:24,080 --> 00:14:29,778
are our best theories is because they

350
00:14:27,049 --> 00:14:31,250
have ignored the data and so we remain

351
00:14:29,778 --> 00:14:34,480
our best theories because they haven't

352
00:14:31,250 --> 00:14:36,708
dealt with the elephant in the room okay

353
00:14:34,480 --> 00:14:38,300
physicalism is different than physics

354
00:14:36,708 --> 00:14:40,069
that's the final problem the associate

355
00:14:38,299 --> 00:14:41,809
physically is in with science and it's

356
00:14:40,070 --> 00:14:44,180
not necessarily the case because here's

357
00:14:41,809 --> 00:14:45,829
physics the examination of physical

358
00:14:44,179 --> 00:14:47,929
entities properties and relations and

359
00:14:45,830 --> 00:14:49,040
their interactions physicalism is the

360
00:14:47,929 --> 00:14:51,439
doctrine that everything in the universe

361
00:14:49,039 --> 00:14:52,969
is physical or is a consequence of

362
00:14:51,440 --> 00:14:55,820
physical facts alone they are

363
00:14:52,970 --> 00:15:01,160
significantly different and import so

364
00:14:55,820 --> 00:15:03,410
physics covers physical things chemistry

365
00:15:01,159 --> 00:15:04,519
you know those are through reduction

366
00:15:03,409 --> 00:15:05,929
your end up fitting all of these

367
00:15:04,519 --> 00:15:07,669
sciences with in physics and the greater

368
00:15:05,929 --> 00:15:10,729
picture that's why I'm going to lay it

369
00:15:07,669 --> 00:15:13,009
out here biology geology psychology all

370
00:15:10,730 --> 00:15:15,860
the other apologies and such they all

371

00:15:13,009 --> 00:15:17,209
can fit within physics but physics and

372
00:15:15,860 --> 00:15:20,180
all of these other things fit within

373
00:15:17,208 --> 00:15:23,028
physicalism so if physicans kind of

374
00:15:20,179 --> 00:15:24,888
umbrella doctrine that a basis out of

375
00:15:23,028 --> 00:15:27,769
these things that add something

376
00:15:24,889 --> 00:15:29,389
additional to them ok so our physicals

377
00:15:27,769 --> 00:15:31,429
of a metaphysical quake that gives your

378
00:15:29,389 --> 00:15:33,560
things about what there is what is real

379
00:15:31,429 --> 00:15:36,859
from the fundamental nature of what

380
00:15:33,559 --> 00:15:38,708
exists ok it is a satyr the smart

381
00:15:36,860 --> 00:15:41,539
exploratory it states it specifies

382
00:15:38,708 --> 00:15:44,268
anything is physical it doesn't give

383
00:15:41,539 --> 00:15:45,860
proof of that it gives some evidence but

384
00:15:44,269 --> 00:15:47,089
the fact is without knowing everything

385
00:15:45,860 --> 00:15:50,000

in your voice you can't know that

386

00:15:47,089 --> 00:15:51,529

everything is physical and it since it's

387

00:15:50,000 --> 00:15:52,850

metaphysical and assertive not

388

00:15:51,528 --> 00:15:56,600

explanatory it's actually not a

389

00:15:52,850 --> 00:15:59,060

scientific paradigm ok so y km is that

390

00:15:56,600 --> 00:16:01,129

accepting sie es PE data wherever as

391

00:15:59,059 --> 00:16:05,838

real requires little change in current

392

00:16:01,129 --> 00:16:07,789

scientific paradigms why ok so if if mom

393

00:16:05,839 --> 00:16:09,139

lets presumably let's say because that's

394

00:16:07,789 --> 00:16:11,120

the worst case your fire science is

395

00:16:09,139 --> 00:16:14,180

conservative presumably non-physical

396

00:16:11,120 --> 00:16:15,709

entities exist it doesn't affect physics

397

00:16:14,179 --> 00:16:17,599

physics exam about that's what's

398

00:16:15,708 --> 00:16:20,179

physical it doesn't affect chemistry it

399

00:16:17,600 --> 00:16:26,149

doesn't affect geology it has exactly no

400
00:16:20,179 --> 00:16:28,458
impact on any of these Sciences ok but

401
00:16:26,149 --> 00:16:30,919
it doesn't physicalism the doctrine that

402
00:16:28,458 --> 00:16:32,448
everything is physical so here's correct

403
00:16:30,919 --> 00:16:34,188
formulation same things may be

404
00:16:32,448 --> 00:16:36,799
non-physical that's what we think or

405
00:16:34,188 --> 00:16:39,429
pretend many of us think ok physicalism

406
00:16:36,799 --> 00:16:43,429
is everything is physical these are

407
00:16:39,429 --> 00:16:45,620
incompatible however this is all what

408
00:16:43,429 --> 00:16:47,058
physics as a science requires that some

409
00:16:45,620 --> 00:16:49,370
things are physical is perfectly

410
00:16:47,058 --> 00:16:51,919
harmonious harmonious with the existence

411
00:16:49,370 --> 00:16:54,620
of cyan ESP no paradigms need to change

412
00:16:51,919 --> 00:16:57,259
there ok so here's the bottom I showed

413
00:16:54,620 --> 00:17:00,278
you earlier without the sciences

414
00:16:57,259 --> 00:17:03,169
physicalism kind of loses its force

415
00:17:00,278 --> 00:17:05,119
however here's the sciences or

416
00:17:03,169 --> 00:17:09,588
physicalism without physicalism the sign

417
00:17:05,119 --> 00:17:11,419
has remained unchanged so as I say here

418
00:17:09,588 --> 00:17:13,250
nopee Avenger hive is a few hundred

419
00:17:11,420 --> 00:17:15,829
production of this presentation and

420
00:17:13,250 --> 00:17:17,769
physicalism is a darkness threatens and

421
00:17:15,828 --> 00:17:20,000
only because of its Universal claim

422
00:17:17,769 --> 00:17:21,619
everything is physical versus sound may

423
00:17:20,000 --> 00:17:23,269
even most things or physical we can live

424
00:17:21,619 --> 00:17:30,889
with sama even most things are physical

425
00:17:23,269 --> 00:17:37,779
that's not an issue and so okay how did

426
00:17:30,890 --> 00:17:41,059
i do on time thanks thank you very much

427
00:17:37,779 --> 00:17:43,099
those who would like to ask dr. Smith a

428

00:17:41,058 --> 00:17:52,759
question please come up front and speak

429
00:17:43,099 --> 00:17:55,569
into the mic I've been trying to add a

430
00:17:52,759 --> 00:17:58,910
remote viewer to talk about spottiswoode

431
00:17:55,569 --> 00:18:02,119
findings Wow and they're relevant right

432
00:17:58,910 --> 00:18:03,920
now because Spottiswoode showed that

433
00:18:02,119 --> 00:18:07,609
that there is a negative correlation

434
00:18:03,920 --> 00:18:12,259
between geomagnetic activity and the

435
00:18:07,609 --> 00:18:13,759
success of remote viewing okay well you

436
00:18:12,259 --> 00:18:16,940
did so by LST as you talk about

437
00:18:13,759 --> 00:18:20,929
geomagnetism too yes is he okay all

438
00:18:16,940 --> 00:18:25,750
right well thats it's in very very well

439
00:18:20,929 --> 00:18:28,660
with the spikes in geomagnetic activity

440
00:18:25,750 --> 00:18:35,210
well that's all I wanted all right out

441
00:18:28,660 --> 00:18:38,690
thanks i want to make three three brief

442
00:18:35,210 --> 00:18:40,220

comments here the first one is that

443

00:18:38,690 --> 00:18:42,640

Steven brush has done a lot of studies

444

00:18:40,220 --> 00:18:44,720

of people's acceptance or non-acceptance

445

00:18:42,640 --> 00:18:46,850

scientific theories not necessarily

446

00:18:44,720 --> 00:18:48,920

scientific data and what he's shown is

447

00:18:46,849 --> 00:18:51,230

it basically at any given time there's a

448

00:18:48,920 --> 00:18:52,610

whole range of different feelings on the

449

00:18:51,230 --> 00:18:54,410

part of people about what theories are

450

00:18:52,609 --> 00:18:55,549

true and why they're through what parts

451

00:18:54,410 --> 00:18:58,850

of them are true and so on and so forth

452

00:18:55,549 --> 00:19:02,058

really good terrific stuff a very very

453

00:18:58,849 --> 00:19:04,129

rigorous and in a variety of different

454

00:19:02,058 --> 00:19:05,928

elements the second thing is in the

455

00:19:04,130 --> 00:19:08,059

meteorite controversy which I did make a

456

00:19:05,929 --> 00:19:09,200

special study of myself one of the

457
00:19:08,058 --> 00:19:11,450
arguments was we shouldn't accept

458
00:19:09,200 --> 00:19:13,039
meteorites unless we can explain them so

459
00:19:11,450 --> 00:19:15,140
as soon as they realize that meteorites

460
00:19:13,039 --> 00:19:16,240
must come from the moon i hope they

461
00:19:15,140 --> 00:19:17,650
accept it

462
00:19:16,240 --> 00:19:19,390
well in other words the wrong

463
00:19:17,650 --> 00:19:21,880
explanation was actually what allowed

464
00:19:19,390 --> 00:19:23,110
them to feel good about yeah even though

465
00:19:21,880 --> 00:19:26,470
our exploration is better than no

466
00:19:23,109 --> 00:19:27,939
explanation at all yes yeah and this

467
00:19:26,470 --> 00:19:29,500
psychology it isn't science and

468
00:19:27,940 --> 00:19:31,960
psychology right shoe inside cause you

469
00:19:29,500 --> 00:19:33,579
want that grip yes and number three is

470
00:19:31,960 --> 00:19:36,069
you should see what happens with the

471
00:19:33,579 --> 00:19:38,199
ball lightning people and they struggle

472
00:19:36,069 --> 00:19:39,490
to figure out which one of the dozens of

473
00:19:38,200 --> 00:19:41,440
explanations that people have are

474
00:19:39,490 --> 00:19:43,740
possibly correct and it seems to be

475
00:19:41,440 --> 00:19:47,110
absolutely ridiculous to reject there

476
00:19:43,740 --> 00:19:49,480
exists a zom along motivations until you

477
00:19:47,109 --> 00:19:52,479
can come up with a decent theory I think

478
00:19:49,480 --> 00:19:54,670
of the right thing good try to collect

479
00:19:52,480 --> 00:19:56,170
the observations and then keep working

480
00:19:54,670 --> 00:19:58,630
and trying to come up right there and

481
00:19:56,170 --> 00:20:01,240
that's the problem if it's not important

482
00:19:58,630 --> 00:20:03,850
that they accept that the science and

483
00:20:01,240 --> 00:20:06,130
the skeptics accept ESP dad is relevant

484
00:20:03,849 --> 00:20:07,269
but they also quash research into it

485

00:20:06,130 --> 00:20:08,470
that's where there were problem lies

486
00:20:07,269 --> 00:20:14,710
don't allow you to look into it okay

487
00:20:08,470 --> 00:20:16,240
sorry am I done okay good thank you very

488
00:20:14,710 --> 00:20:17,860
much for a great talk I really loved

489
00:20:16,240 --> 00:20:19,359
your conclusion in the middle I was

490
00:20:17,859 --> 00:20:21,369
starting to go nuts because some of the

491
00:20:19,359 --> 00:20:23,889
things that you were saying directly

492
00:20:21,369 --> 00:20:25,629
contradict my training in science which

493
00:20:23,890 --> 00:20:28,750
is it's all those sciences and interplay

494
00:20:25,630 --> 00:20:30,820
between empiricism and theory it has to

495
00:20:28,750 --> 00:20:33,220
be driven by data well so if the data

496
00:20:30,819 --> 00:20:34,839
are reliable and reproducible Theory has

497
00:20:33,220 --> 00:20:37,058
to change in order to accommodate that

498
00:20:34,839 --> 00:20:38,589
and not have the data beat thrown away

499
00:20:37,058 --> 00:20:41,589

because that they're you can't handle it

500

00:20:38,589 --> 00:20:43,689

so physicalism borders on an ideology or

501

00:20:41,589 --> 00:20:46,000

even a religion rather than a theory

502

00:20:43,690 --> 00:20:47,740

because it's not responsive to the data

503

00:20:46,000 --> 00:20:49,240

driven nature so right of course where

504

00:20:47,740 --> 00:20:51,640

your three where data drives the train

505

00:20:49,240 --> 00:20:52,929

to people which school of philosophy in

506

00:20:51,640 --> 00:20:55,120

science that you are dear to there's

507

00:20:52,929 --> 00:20:56,290

arguments between both directions go

508

00:20:55,119 --> 00:20:58,869

ahead York I'm almost scared to hear

509

00:20:56,289 --> 00:21:01,178

this one can go ahead actually I just

510

00:20:58,869 --> 00:21:04,839

wanted to ask if you had noticed that

511

00:21:01,179 --> 00:21:06,280

the various very driven arguments you

512

00:21:04,839 --> 00:21:09,459

were presenting that you've obviously

513

00:21:06,279 --> 00:21:12,519

run across in your research they're only

514
00:21:09,460 --> 00:21:15,340
have a a strong isomorphism with the

515
00:21:12,519 --> 00:21:17,139
scientific creationist justification for

516
00:21:15,339 --> 00:21:18,639
discarding fossil evidence because it

517
00:21:17,140 --> 00:21:21,280
conflicts with the literal truth of the

518
00:21:18,640 --> 00:21:23,170
Bible it might be useful for polemical

519
00:21:21,279 --> 00:21:23,869
purposes to point out to these guys that

520
00:21:23,170 --> 00:21:26,840
there

521
00:21:23,869 --> 00:21:31,250
exactly like creationists you know well

522
00:21:26,839 --> 00:21:32,720
my dissertation I actually my

523
00:21:31,250 --> 00:21:34,970
dissertation I actually talked about you

524
00:21:32,720 --> 00:21:37,370
know in ID there's a side of the god of

525
00:21:34,970 --> 00:21:38,870
the gaps where you know we don't have

526
00:21:37,369 --> 00:21:40,099
evidence about in certain areas so but

527
00:21:38,869 --> 00:21:41,119
there's probably some hiding out there

528
00:21:40,099 --> 00:21:44,329
because we don't know everything about

529
00:21:41,119 --> 00:21:46,669
science and in fact really skeptical

530
00:21:44,329 --> 00:21:48,349
side uses the same kind of gap argument

531
00:21:46,670 --> 00:21:50,210
to justify many of the claims so yeah

532
00:21:48,349 --> 00:21:54,619
you're exactly right thank you for not

533
00:21:50,210 --> 00:21:57,200
the scum you Jeff there you're all i

534
00:21:54,619 --> 00:22:00,069
want to ask you what are your thoughts

535
00:21:57,200 --> 00:22:04,880
were on the fact that current orthodox

536
00:22:00,069 --> 00:22:05,990
scientists and physicians reject side

537
00:22:04,880 --> 00:22:08,600
because it doesn't have an adequate

538
00:22:05,990 --> 00:22:11,990
theoretical explanation but yet they

539
00:22:08,599 --> 00:22:13,969
demand in medical research that all

540
00:22:11,990 --> 00:22:16,700
medical research be conducted with

541
00:22:13,970 --> 00:22:19,009
randomized placebo-controlled trials

542

00:22:16,700 --> 00:22:20,779
even though the placebo effect has never

543
00:22:19,009 --> 00:22:23,359
had an adequate explanation or a

544
00:22:20,779 --> 00:22:24,920
theoretical basis so your thoughts on

545
00:22:23,359 --> 00:22:26,359
that it's kind of schizophrenic almost

546
00:22:24,920 --> 00:22:30,140
within these it doesn't have to be

547
00:22:26,359 --> 00:22:31,909
rational visit yes then you know that's

548
00:22:30,140 --> 00:22:33,440
what course no that's that's practical

549
00:22:31,910 --> 00:22:35,600
sense its application science while yet

550
00:22:33,440 --> 00:22:40,070
in that case and when you start dealing

551
00:22:35,599 --> 00:22:41,990
with the real world oftentimes the fear

552
00:22:40,069 --> 00:22:43,369
gets a little fuzzy and they start doing

553
00:22:41,990 --> 00:22:46,460
on with what works than necessarily

554
00:22:43,369 --> 00:22:48,529
what's doctrine by the way if the only

555
00:22:46,460 --> 00:22:51,230
view has some great quotes that support

556
00:22:48,529 --> 00:22:53,178

the paradigm argument i'd love to hit

557

00:22:51,230 --> 00:22:54,710

have my want to collect all of the you

558

00:22:53,179 --> 00:22:59,019

know quotes and such about that so

559

00:22:54,710 --> 00:22:59,019

anyway alright well thank you very much