



Hilton

Washington, DC

1
00:00:09,860 --> 00:00:05,650

Bob your theme of meta

2
00:00:13,930 --> 00:00:09,870

theme of metaphors reminded me what

3
00:00:18,470 --> 00:00:13,940

first impressed me in your presentations

4
00:00:22,519 --> 00:00:18,480

was the choice of mind opening metaphors

5
00:00:26,599 --> 00:00:22,529

and you've been an inspiration to me for

6
00:00:29,980 --> 00:00:26,609

35 years amongst others by that choice

7
00:00:38,440 --> 00:00:33,830

well connections as the theme of this

8
00:00:43,779 --> 00:00:38,450

conference made me even more aware of

9
00:00:48,529 --> 00:00:43,789

how troubling is the disconnect between

10
00:00:52,330 --> 00:00:48,539

reality and what science is supposed to

11
00:00:56,529 --> 00:00:52,340

be telling us nowadays our Society for

12
00:01:00,790 --> 00:00:56,539

scientific exploration was named

13
00:01:05,420 --> 00:01:00,800

believing that scientific means

14

00:01:11,649 --> 00:01:05,430

empirical evidence based understanding

15

00:01:18,260 --> 00:01:11,659

and Bob John's pea group exemplified

16

00:01:22,300 --> 00:01:18,270

scrupulous evidence gathering so it

17

00:01:27,260 --> 00:01:22,310

would be incongruous incredible if

18

00:01:31,580 --> 00:01:27,270

scientific institutions were to say that

19

00:01:39,190 --> 00:01:31,590

something is settled science when the

20

00:01:45,139 --> 00:01:42,859

let alone that science would tell us

21

00:01:50,600 --> 00:01:45,149

that something is true when the evidence

22

00:01:54,109 --> 00:01:50,610

quite clearly says that it isn't and yet

23

00:01:58,609 --> 00:01:54,119

that's what's happening not all the time

24

00:02:04,870 --> 00:01:58,619

of course but all too often and on some

25

00:02:08,859 --> 00:02:07,660

climate changed the evidence is

26

00:02:11,949 --> 00:02:08,869

uncertain

27

00:02:16,630 --> 00:02:11,959

we are told the city the science is

28

00:02:20,920 --> 00:02:16,640

settled the evidence is clear we are

29

00:02:25,270 --> 00:02:20,930

told that HIV causes AIDS and that is

30

00:02:30,759 --> 00:02:25,280

demonstrable wrong by the mainstream's

31

00:02:35,559 --> 00:02:30,769

own data and evidence and even worse

32

00:02:41,140 --> 00:02:35,569

when people blow the whistle their

33

00:02:43,750 --> 00:02:41,150

suppressed and persecuted of course

34

00:02:46,630 --> 00:02:43,760

members of this society are familiar

35

00:02:50,589 --> 00:02:46,640

with that sort of reaction when it comes

36

00:02:53,199 --> 00:02:50,599

to topics like UFOs parapsychology and

37

00:02:56,140 --> 00:02:53,209

so on but the point is that the same

38

00:03:01,440 --> 00:02:56,150

sort of thing is now happening squarely

39

00:03:06,930 --> 00:03:01,450

within mainstream medicine and science

40

00:03:10,030 --> 00:03:06,940

and I realized that this must seem

41

00:03:15,159 --> 00:03:10,040

incredible even to members of this

42

00:03:17,800 --> 00:03:15,169

society because after all we're aiming

43

00:03:20,800 --> 00:03:17,810

at a scientific approach to say that

44

00:03:24,089 --> 00:03:20,810

science is not trustworthy is sort of

45

00:03:27,339 --> 00:03:24,099

like a meeting matricide or patricide

46

00:03:31,770 --> 00:03:27,349

but the point is you have to distinguish

47

00:03:37,210 --> 00:03:31,780

between science as it should be and

48

00:03:39,909 --> 00:03:37,220

science as it actually is and the media

49

00:03:42,699 --> 00:03:39,919

and the policy makers are not aware of

50

00:03:48,339 --> 00:03:42,709

that distinction and they certainly

51
00:03:54,580 --> 00:03:48,349
don't make that distinction let me ask

52
00:04:02,000 --> 00:03:54,590
you is it conceivable that mainstream

53
00:04:13,339 --> 00:04:06,030
wholeheartedly you say of course and so

54
00:04:17,220 --> 00:04:13,349
would mainstream scientists but ask them

55
00:04:20,000 --> 00:04:17,230
could mainstream science be wrong about

56
00:04:23,850 --> 00:04:20,010
carbon dioxide causing climate change

57
00:04:27,000 --> 00:04:23,860
could it be wrong about HIV causing AIDS

58
00:04:29,240 --> 00:04:27,010
could it be wrong about the big bang and

59
00:04:32,190 --> 00:04:29,250
you would not get such a wholehearted

60
00:04:35,340 --> 00:04:32,200
response and I don't think you'd get

61
00:04:41,280 --> 00:04:35,350
such a wholehearted response even from

62
00:04:44,909 --> 00:04:41,290
this group the point is that several

63
00:04:49,200 --> 00:04:44,919

centuries of tremendous successes of

64

00:04:53,460 --> 00:04:49,210

mainstream science have given us good

65

00:04:58,530 --> 00:04:53,470

cause to trust science on the whole and

66

00:05:02,400 --> 00:04:58,540

in general but another distinction that

67

00:05:09,360 --> 00:05:02,410

fails to be made is between frontier

68

00:05:12,960 --> 00:05:09,370

science and older science it is the

69

00:05:17,760 --> 00:05:12,970

well-established long lasting science

70

00:05:22,460 --> 00:05:17,770

that is pretty reliable nothing about

71

00:05:28,110 --> 00:05:22,470

contemporary science can be regarded as

72

00:05:31,670 --> 00:05:28,120

certain but it is the media treatise all

73

00:05:34,409 --> 00:05:31,680

the time to the latest breakthroughs and

74

00:05:36,650 --> 00:05:34,419

then they don't bother to tell us when

75

00:05:44,129 --> 00:05:36,660

it turns out that those breakthroughs

76
00:05:46,950 --> 00:05:44,139
actually were mistaken in some way the

77
00:05:51,600 --> 00:05:46,960
history of science is unfortunately

78
00:05:54,840 --> 00:05:51,610
understood properly only by academic

79
00:05:59,120 --> 00:05:54,850
specialists on the whole the popular

80
00:06:03,330 --> 00:05:59,130
history of science tells us about steady

81
00:06:06,850 --> 00:06:03,340
advances some of them so startling as to

82
00:06:11,450 --> 00:06:06,860
be called scientific revolution

83
00:06:15,920 --> 00:06:11,460
but the actual history of science is one

84
00:06:20,750 --> 00:06:15,930
of trials and errors and of advances

85
00:06:22,730 --> 00:06:20,760
being vigorously resistant and the

86
00:06:27,560 --> 00:06:22,740
scientific revolutions that are

87
00:06:32,210 --> 00:06:27,570
milestones of progress are at the same

88
00:06:36,380 --> 00:06:32,220

time they are gravestones of what that

89

00:06:39,460 --> 00:06:36,390

scientific revolution overthrew the

90

00:06:44,840 --> 00:06:39,470

point about scientific revolutions is

91

00:06:47,990 --> 00:06:44,850

that the earlier beliefs of mainstream

92

00:06:55,310 --> 00:06:48,000

science were wrong they had to be

93

00:06:59,780 --> 00:06:55,320

changed and the ignorance of history of

94

00:07:03,500 --> 00:06:59,790

science is particularly bad because in

95

00:07:06,410 --> 00:07:03,510

the last 50 years there's also been a

96

00:07:10,390 --> 00:07:06,420

dramatic change in the nature of

97

00:07:16,159 --> 00:07:10,400

scientific activity to put it in an

98

00:07:18,950 --> 00:07:16,169

oversimplified nutshell most of the most

99

00:07:22,159 --> 00:07:18,960

of modern science most of the two or

100

00:07:24,530 --> 00:07:22,169

three centuries of modern science could

101
00:07:28,130 --> 00:07:24,540
be said to have been done by something

102
00:07:34,370 --> 00:07:28,140
like independent intellectual

103
00:07:38,450 --> 00:07:34,380
entrepreneurs nowadays science is an

104
00:07:41,780 --> 00:07:38,460
integral part of big business big

105
00:07:46,220 --> 00:07:41,790
government international policymaking

106
00:07:51,200 --> 00:07:46,230
and that has brought pervasive conflicts

107
00:07:55,970 --> 00:07:51,210
of interest the fact is science is not

108
00:08:03,290 --> 00:07:55,980
its own thing anymore it's been co-opted

109
00:08:06,590 --> 00:08:03,300
and corrupted those are generalities let

110
00:08:12,080 --> 00:08:06,600
me get down to data about one

111
00:08:17,050 --> 00:08:12,090
outstanding case here's what everyone

112
00:08:18,260 --> 00:08:17,060
knows about HIV it's transmitted by sex

113
00:08:22,330 --> 00:08:18,270

primarily

114

00:08:25,940 --> 00:08:22,340

it causes AIDS it's epidemic in

115

00:08:30,730 --> 00:08:25,950

sub-saharan Africa it was inevitably

116

00:08:35,930 --> 00:08:30,740

fatal until life-saving drugs were

117

00:08:41,060 --> 00:08:35,940

developed here's what the actual

118

00:08:46,930 --> 00:08:41,070

evidence about hiv/aids is there is a

119

00:08:53,290 --> 00:08:46,940

negligible risk of transmission via sex

120

00:08:59,900 --> 00:08:53,300

the so called HIV tests do not detect an

121

00:09:02,390 --> 00:08:59,910

HIV virus you can be HIV positive for

122

00:09:06,110 --> 00:09:02,400

any number of reasons that includes

123

00:09:12,430 --> 00:09:06,120

things like pregnancy or happening to

124

00:09:16,130 --> 00:09:12,440

have African ancestry all that is

125

00:09:19,190 --> 00:09:16,140

documented with more than 900 citations

126

00:09:25,760 --> 00:09:19,200

to the literature in this on this

127

00:09:31,900 --> 00:09:25,770

website the case against hiv/aids now

128

00:09:34,790 --> 00:09:31,910

here are some more detailed things about

129

00:09:38,320 --> 00:09:34,800

hiv-positive I prefer saying HIV

130

00:09:42,520 --> 00:09:38,330

positive rather than HIV because

131

00:09:50,330 --> 00:09:42,530

hiv-positive is something measurable and

132

00:09:54,230 --> 00:09:50,340

HIV as a virus may not even exist in the

133

00:09:56,750 --> 00:09:54,240

United States and around the world there

134

00:10:01,940 --> 00:09:56,760

are some number of people who are in

135

00:10:04,400 --> 00:10:01,950

jail because they were HIV positive and

136

00:10:09,320 --> 00:10:04,410

had sex with someone without telling

137

00:10:12,140 --> 00:10:09,330

them that they were HIV positive there

138

00:10:15,980 --> 00:10:12,150

is an organization the office of medical

139

00:10:19,820 --> 00:10:15,990

and scientific justice that offers its

140

00:10:26,060 --> 00:10:19,830

services to people who are charged with

141

00:10:30,980 --> 00:10:26,070

this offense and if that offer is

142

00:10:34,579 --> 00:10:30,990

accepted you are guaranteed

143

00:10:39,970 --> 00:10:34,589

to be found innocent because when om SJ

144

00:10:44,930 --> 00:10:39,980

is able to cross-examine in court

145

00:10:48,500 --> 00:10:44,940

experts from the mainstream side they

146

00:10:53,290 --> 00:10:48,510

are forced to admit the risk of

147

00:10:56,540 --> 00:10:53,300

transmission is negligible the most

148

00:11:02,960 --> 00:10:56,550

significant success that IOM SJ had

149

00:11:07,670 --> 00:11:02,970

quite recently was that the US Court of

150

00:11:11,810 --> 00:11:07,680

Appeals for the military ruled

151

00:11:16,660 --> 00:11:11,820

unanimously that the risk of

152

00:11:19,340 --> 00:11:16,670

transmitting HIV or HIV positive is

153

00:11:24,769 --> 00:11:19,350

negligible because it's no more than one

154

00:11:29,930 --> 00:11:24,779

in five hundred one in five hundred acts

155

00:11:35,990 --> 00:11:29,940

of unprotected intercourse is the

156

00:11:38,420 --> 00:11:36,000

maximum risk of transmitting HIV isn't

157

00:11:40,510 --> 00:11:38,430

that very different from all of the

158

00:11:44,150 --> 00:11:40,520

public statements that you hear about

159

00:11:50,389 --> 00:11:44,160

HIV and about the dangers of of passing

160

00:11:54,620 --> 00:11:50,399

it on if you go to the CDC's website you

161

00:12:00,620 --> 00:11:54,630

see that they admit your risk of passing

162

00:12:05,449 --> 00:12:00,630

on HIV if you're a male to a female is

163

00:12:09,050 --> 00:12:05,459

about eight in 10,000 and from female to

164

00:12:15,460 --> 00:12:09,060

male it's half of that and compare that

165

00:12:18,769 --> 00:12:15,470

to the risk of passing on genuine real

166

00:12:25,030 --> 00:12:18,779

sexually transmitted diseases like on a

167

00:12:33,290 --> 00:12:29,990

here's the thing straight from the CDC

168

00:12:37,660 --> 00:12:33,300

website and you see that the only way

169

00:12:40,910 --> 00:12:37,670

that there's a high risk of passing on

170

00:12:42,670 --> 00:12:40,920

HIV positive is through a blood

171

00:12:47,680 --> 00:12:42,680

transfusion

172

00:12:51,430 --> 00:12:47,690

think about it you test blood by any old

173

00:12:55,180 --> 00:12:51,440

test anything it comes positive you put

174

00:12:58,060 --> 00:12:55,190

that blood into a person isn't it

175

00:13:01,420 --> 00:12:58,070

remarkable that that blood still tests

176

00:13:04,900 --> 00:13:01,430

in exactly the same way as before it

177

00:13:15,389 --> 00:13:04,910

tells you nothing about transmission or

178

00:13:20,130 --> 00:13:15,399

presence of an infectious thing so why

179

00:13:25,690 --> 00:13:20,140

do the media not broadcast the fact of

180

00:13:29,710 --> 00:13:25,700

negligible HIV transmission negligible

181

00:13:34,329 --> 00:13:29,720

risk why do official statements continue

182

00:13:38,860 --> 00:13:34,339

to urge the use of condoms and why is

183

00:13:42,180 --> 00:13:38,870

there continuing global hysteria about

184

00:13:47,050 --> 00:13:42,190

sexually transmitted HIV and

185

00:13:50,019 --> 00:13:47,060

particularly in Africa and by the way if

186

00:13:52,960 --> 00:13:50,029

there is such an HIV epidemic in Africa

187

00:13:55,870 --> 00:13:52,970

why are there not epidemics of syphilis

188

00:14:01,540 --> 00:13:55,880

and gonorrhea which are transmitted

189

00:14:03,880 --> 00:14:01,550

hundreds of times more readily I'm not

190

00:14:07,030 --> 00:14:03,890

going to answer those questions because

191

00:14:10,170 --> 00:14:07,040

they're rhetorical ones and I just used

192

00:14:15,000 --> 00:14:10,180

them to express or emphasize my

193

00:14:18,910 --> 00:14:15,010

frustration about this situation

194

00:14:21,610 --> 00:14:18,920

James chin was an epidemiologist for the

195

00:14:25,259 --> 00:14:21,620

state of California and later for the

196

00:14:29,259 --> 00:14:25,269

World Health Organization and as an

197

00:14:33,750 --> 00:14:29,269

epidemiologist he calculated what it

198

00:14:38,170 --> 00:14:33,760

would take for the supposed African

199

00:14:41,769 --> 00:14:38,180

epidemic to have come about given that

200

00:14:47,170 --> 00:14:41,779

the risk of transmission is so low well

201
00:14:53,280 --> 00:14:47,180
it would take 20 to 40 percent of the

202
00:14:58,870 --> 00:14:53,290
sexually active population to have ten

203
00:15:04,930 --> 00:14:58,880
sexual partners concurrently and to

204
00:15:08,200 --> 00:15:04,940
change them about every year if that

205
00:15:12,780 --> 00:15:08,210
situation actually existed you wouldn't

206
00:15:16,750 --> 00:15:12,790
need Jin's calculation to point it out

207
00:15:20,650 --> 00:15:16,760
here are just a few more little tidbits

208
00:15:24,100 --> 00:15:20,660
about transmission no transmission has

209
00:15:27,610 --> 00:15:24,110
ever actually been observed when people

210
00:15:29,800 --> 00:15:27,620
have seated they choose couples where

211
00:15:35,080 --> 00:15:29,810
one is positive and the other one isn't

212
00:15:39,910 --> 00:15:35,090
and observe over time no transmission

213
00:15:42,400 --> 00:15:39,920

has ever been observed porn stars do not

214

00:15:44,920 --> 00:15:42,410

usually wear condoms because the

215

00:15:48,940 --> 00:15:44,930

prospective audiences prefer that they

216

00:15:52,210 --> 00:15:48,950

don't and over a five-year period the

217

00:15:55,450 --> 00:15:52,220

porn industry in California recorded two

218

00:16:01,920 --> 00:15:55,460

cases per year of HIV positive as

219

00:16:06,820 --> 00:16:01,930

opposed to 260 cases of gonorrhea and

220

00:16:09,820 --> 00:16:06,830

435 of chlamydia another peculiar thing

221

00:16:12,970 --> 00:16:09,830

about the idea of sexual transmission is

222

00:16:16,690 --> 00:16:12,980

that the people who are least likely to

223

00:16:20,890 --> 00:16:16,700

be sexually promiscuous are most likely

224

00:16:26,860 --> 00:16:20,900

to become hiv-positive pregnant women

225

00:16:30,460 --> 00:16:26,870

for example or TB patients and it turns

226

00:16:34,290 --> 00:16:30,470

out that married women are more at risk

227

00:16:39,850 --> 00:16:34,300

of becoming HIV positive than

228

00:16:43,420 --> 00:16:39,860

prostitutes or women documentation of

229

00:16:52,630 --> 00:16:43,430

all of those things is on that website

230

00:16:56,380 --> 00:16:52,640

the case against HIV the there are many

231

00:17:02,200 --> 00:16:56,390

other facts that speak against HIV as a

232

00:17:03,710 --> 00:17:02,210

cause of AIDS and so on but the case of

233

00:17:07,990 --> 00:17:03,720

HIV

234

00:17:12,470 --> 00:17:08,000

and AIDS is unfortunately just one

235

00:17:16,370 --> 00:17:12,480

admittedly outstanding example of the

236

00:17:19,880 --> 00:17:16,380

degree to which mainstream science and

237

00:17:24,679 --> 00:17:19,890

medicine managed to ignore the evidence

238

00:17:29,090 --> 00:17:24,689

and I've mentioned a number of other

239

00:17:33,260 --> 00:17:29,100

examples in my 2012 book dogmatism in

240

00:17:36,680 --> 00:17:33,270

science and medicine prescription drugs

241

00:17:40,279 --> 00:17:36,690

are an outstanding example extinction of

242

00:17:46,299 --> 00:17:40,289

the dinosaurs nuclear cold fusion the

243

00:17:52,549 --> 00:17:49,580

disease has been caused by amyloid

244

00:17:55,779 --> 00:17:52,559

plaque which has been disapproved any

245

00:18:03,440 --> 00:18:00,529

so today's science is nothing like the

246

00:18:06,500 --> 00:18:03,450

wonderful modern science that we enjoyed

247

00:18:13,100 --> 00:18:06,510

up to I think about the middle of the

248

00:18:16,340 --> 00:18:13,110

20th century and I'm afraid that this is

249

00:18:20,330 --> 00:18:16,350

one symptom of what the cultural

250

00:18:26,510 --> 00:18:20,340

historian Jacques Barzun wrote about in

251
00:18:30,770 --> 00:18:26,520
his last book from dawn to decadence 500

252
00:18:31,669 --> 00:18:30,780
years of Western cultural life 1500 to

253
00:18:34,760 --> 00:18:31,679
the present

254
00:18:37,460 --> 00:18:34,770
I think if science is not going to

255
00:18:41,350 --> 00:18:37,470
succumb in the way that it has been it

256
00:18:46,299 --> 00:18:41,360
is going to be people in this society

257
00:18:55,880 --> 00:18:46,309
and like them who will stop science

258
00:19:02,530 --> 00:18:59,480
the mid 20th century transition date

259
00:19:05,900 --> 00:19:02,540
that you still have showing up here I

260
00:19:08,600 --> 00:19:05,910
think is a tip-off to the source of the

261
00:19:12,020 --> 00:19:08,610
problem the mid century with nuclear

262
00:19:15,860 --> 00:19:12,030
weapons with the Sputnik terror and the

263
00:19:17,600 --> 00:19:15,870

space program where when non-scientists

264

00:19:19,970 --> 00:19:17,610

became aware of the fact that science

265

00:19:25,660 --> 00:19:19,980

actually matters so of course it became

266

00:19:28,790 --> 00:19:25,670

politicized then yeah absolutely

267

00:19:30,770 --> 00:19:28,800

Henry you are a fine observer of the

268

00:19:35,870 --> 00:19:30,780

history of science and the philosophy of

269

00:19:39,070 --> 00:19:35,880

science and as such you've shown us for

270

00:19:42,410 --> 00:19:39,080

years about the problems with current

271

00:19:46,130 --> 00:19:42,420

scientific inquiry and the response of

272

00:19:48,740 --> 00:19:46,140

society as an observer of science you've

273

00:19:52,510 --> 00:19:48,750

probably also seen how revolutions do

274

00:19:56,150 --> 00:19:52,520

actually happen and how change actually

275

00:20:02,810 --> 00:19:56,160

takes place may I ask you to make some

276

00:20:05,450 --> 00:20:02,820

optimistic comments about what glimmer

277

00:20:08,090 --> 00:20:05,460

of hope you may see where this change

278

00:20:11,030 --> 00:20:08,100

may happen that you're calling for yeah

279

00:20:14,210 --> 00:20:11,040

I was gonna apologize to Garrett in my

280

00:20:20,260 --> 00:20:14,220

talk because several years ago he asked

281

00:20:29,930 --> 00:20:25,120

the difficulty is that it is a

282

00:20:35,960 --> 00:20:29,940

society-wide problem it's not internal

283

00:20:43,460 --> 00:20:35,970

to science and so we're caught up in the

284

00:20:46,070 --> 00:20:43,470

same sort of overall denigration of I

285

00:20:49,790 --> 00:20:46,080

suppose almost any value that isn't

286

00:20:53,270 --> 00:20:49,800

purely economic we measure everything in

287

00:20:54,000 --> 00:20:53,280

terms of economics science is measured

288

00:20:57,540 --> 00:20:54,010

in terms

289

00:21:02,090 --> 00:20:57,550

of economics if you are trying to do

290

00:21:06,060 --> 00:21:02,100

science in an academic environment

291

00:21:10,650 --> 00:21:06,070

you're judged by how much money you

292

00:21:13,890 --> 00:21:10,660

bring in it used to be 50 years ago the

293

00:21:17,400 --> 00:21:13,900

university gave you the resources to do

294

00:21:24,330 --> 00:21:17,410

science no longer you're you're a money

295

00:21:27,420 --> 00:21:24,340

cow okay so I don't know that there is

296

00:21:29,850 --> 00:21:27,430

any way of reforming what has happened

297

00:21:44,330 --> 00:21:29,860

to science without reforming a great

298

00:21:47,940 --> 00:21:44,340

deal about other aspects of society so

299

00:21:50,670 --> 00:21:47,950

one observation is that every generation

300

00:21:54,180 --> 00:21:50,680

says that the next generation is worse

301

00:21:56,070 --> 00:21:54,190

you know they this goes kids don't

302

00:21:58,470 --> 00:21:56,080

behave anymore they're addicted to

303

00:22:02,070 --> 00:21:58,480

screen time they're this and that and

304

00:22:04,500 --> 00:22:02,080

every generation is wrong because things

305

00:22:08,300 --> 00:22:04,510

change they don't necessarily get worse

306

00:22:12,540 --> 00:22:08,310

and change changes actually in terms of

307

00:22:16,470 --> 00:22:12,550

social attitudes it is quite clear that

308

00:22:19,230 --> 00:22:16,480

the younger generations are due heading

309

00:22:22,470 --> 00:22:19,240

in a much better direction than we are

310

00:22:28,220 --> 00:22:22,480

so thank you there is cause for optimism

311

00:22:34,919 --> 00:22:31,560

with your dating there and the timing

312

00:22:37,890 --> 00:22:34,929

that you've mentioned is it any is there

313

00:22:42,710 --> 00:22:37,900

any possibility that you could look at

314

00:22:45,510 --> 00:22:42,720

the loss of certainty and religion

315

00:22:49,740 --> 00:22:45,520

switching over that the desire for

316

00:22:52,860 --> 00:22:49,750

certainty has never left but instead of

317

00:22:54,990 --> 00:22:52,870

it aiming at religion which continues to

318

00:22:58,500 --> 00:22:55,000

decline because people are questioning

319

00:23:02,130 --> 00:22:58,510

the quote truths but people are still

320

00:23:04,590 --> 00:23:02,140

looking for truth but they don't like

321

00:23:09,560 --> 00:23:04,600

any disagreement with what they've found

322

00:23:13,470 --> 00:23:09,570

is truth and this is we're still in the

323

00:23:16,770 --> 00:23:13,480

either-or stage with most people it's

324

00:23:19,070 --> 00:23:16,780

got to be either this or that there's no

325

00:23:23,340 --> 00:23:19,080

middle ground we can't even talk

326

00:23:25,190 --> 00:23:23,350

discussions that are civil where you're

327

00:23:28,820 --> 00:23:25,200

willing to listen to somebody else's

328

00:23:33,070 --> 00:23:28,830

disagreeing I think this is a much wider

329

00:23:37,330 --> 00:23:33,080

problem that we're facing today

330

00:23:39,430 --> 00:23:37,340

yeah I'll agree entirely Cara that that

331

00:23:43,540 --> 00:23:39,440

there's still the quest for certainty

332

00:23:47,340 --> 00:23:43,550

and in the West at least we discarded

333

00:23:54,160 --> 00:23:47,350

religion as a source of absurdity and

334

00:23:56,230 --> 00:23:54,170

substituted science for Henry I'd like

335

00:23:59,230 --> 00:23:56,240

just like to suggest that we're at the

336

00:24:01,060 --> 00:23:59,240

end of an era and what you're describing

337

00:24:03,210 --> 00:24:01,070

and what I'll talk a little bit about on

338

00:24:06,000 --> 00:24:03,220

Saturday afternoon are the

339

00:24:08,770 --> 00:24:06,010

characteristics of the end of a paradigm

340

00:24:11,560 --> 00:24:08,780

which then allow for the emergence of a

341

00:24:13,810 --> 00:24:11,570

new one and so there's not much good

342

00:24:16,390 --> 00:24:13,820

news in the old paradigm but there's a