

1
00:00:00,000 --> 00:00:04,500
good evening ladies and gentlemen good

2
00:00:01,919 --> 00:00:06,359
evening hello may not hear from Maynard

3
00:00:04,500 --> 00:00:08,099
calm that I you if you go there you'll

4
00:00:06,359 --> 00:00:10,559
find a brand new interview with the

5
00:00:08,099 --> 00:00:13,769
manager or ARB himself but I'm not here

6
00:00:10,558 --> 00:00:16,108
for that I'm here to say this in the

7
00:00:13,769 --> 00:00:19,320
world before the skeptics own it was a

8
00:00:16,109 --> 00:00:21,840
world full of superstition and fustian

9
00:00:19,320 --> 00:00:23,368
behavior and one day I'll understand

10
00:00:21,839 --> 00:00:26,160
what that word means but before that

11
00:00:23,368 --> 00:00:28,289
there was nothing it was empty empty

12
00:00:26,160 --> 00:00:31,710
vessel empty shell nothing and then from

13
00:00:28,289 --> 00:00:34,500
the void came the skeptic zone for five

14
00:00:31,710 --> 00:00:37,710
years fighting the fight against fustian

15
00:00:34,500 --> 00:00:42,808
things and fustian behavior and fusty

16
00:00:37,710 --> 00:00:45,090
ish pneus but now five years on everyone

17
00:00:42,808 --> 00:00:48,689
thinks rationally and clearly in fact

18
00:00:45,090 --> 00:00:50,700
here's a letter a bummer of northern New

19
00:00:48,689 --> 00:00:52,500
South Wales rights I love your show

20
00:00:50,700 --> 00:00:55,500
there's nothing about the skeptic zone I

21
00:00:52,500 --> 00:00:57,058
don't like except that guy who is a big

22
00:00:55,500 --> 00:00:58,948
anyway we'll get on to another letter in

23
00:00:57,058 --> 00:01:01,378
a moment but look even Albert Einstein

24
00:00:58,948 --> 00:01:04,879
himself loves the show what are you

25
00:01:01,378 --> 00:01:07,408
reckon ow it's a great show man I

26
00:01:04,879 --> 00:01:10,759
personally bless the skeptic zone and

27
00:01:07,409 --> 00:01:10,760
all that sail in her

28
00:01:15,689 --> 00:01:23,420
welcome to the skeptic zone the podcast

29

00:01:18,840 --> 00:01:23,420
from Australia for science and reason

30
00:01:29,879 --> 00:01:36,699
hello and welcome to the skeptics on an

31
00:01:32,620 --> 00:01:39,640
episode number 254 for the first of sep

32
00:01:36,700 --> 00:01:43,060
tember 2013 Richard Saunders here with

33
00:01:39,640 --> 00:01:45,879
you and yes this marks the five-year

34
00:01:43,060 --> 00:01:47,920
anniversary of the skeptic zone good

35
00:01:45,879 --> 00:01:49,569
grief I think we'll have some more

36
00:01:47,920 --> 00:01:52,210
celebrations with Stefan in the gang

37
00:01:49,569 --> 00:01:54,339
yeah shortly we're going to kick off the

38
00:01:52,209 --> 00:01:57,129
show with an interview i did with a

39
00:01:54,340 --> 00:02:00,189
lovely young student at the University

40
00:01:57,129 --> 00:02:02,049
of New South Wales Tess caucus Tess is

41
00:02:00,189 --> 00:02:05,319
very interested very concerned about

42
00:02:02,049 --> 00:02:09,008
matters pertaining to climate climate

43
00:02:05,319 --> 00:02:11,680

change environmental things she's even

44

00:02:09,008 --> 00:02:13,659

written a musical about it and in this

45

00:02:11,680 --> 00:02:19,360

interview she will give us her climate

46

00:02:13,659 --> 00:02:21,870

change wrap oh yes oh yes and and if you

47

00:02:19,360 --> 00:02:24,310

want to help test get to the Antarctic

48

00:02:21,870 --> 00:02:28,150

well that's a strange request but yes

49

00:02:24,310 --> 00:02:30,699

you can help a young student a budding

50

00:02:28,150 --> 00:02:32,860

young scientist get the Antarctic more

51

00:02:30,699 --> 00:02:34,988

details coming up in her interview and

52

00:02:32,860 --> 00:02:37,269

hey if you got a spare a couple of

53

00:02:34,989 --> 00:02:39,700

dollars in your pocket why not help

54

00:02:37,269 --> 00:02:41,319

somebody get to the Antarctic following

55

00:02:39,699 --> 00:02:43,329

that it's a weakened science from our

56

00:02:41,319 --> 00:02:49,750

good friends at the Royal Institution of

57

00:02:43,330 --> 00:02:52,120

Australia w WR I a u.s. org another week

58
00:02:49,750 --> 00:02:54,280
in science it's it's never-ending and

59
00:02:52,120 --> 00:02:57,069
then the round off the show we have a

60
00:02:54,280 --> 00:03:00,189
special report from the recent European

61
00:02:57,069 --> 00:03:02,079
skeptics Congress in Sweden and a good

62
00:03:00,189 --> 00:03:07,229
friend of ours Shane green up from

63
00:03:02,080 --> 00:03:09,549
Roberto calm that's our b ut are calm

64
00:03:07,229 --> 00:03:11,798
Roberta tells you when the web page you

65
00:03:09,549 --> 00:03:13,750
are visiting has been disputed rebutted

66
00:03:11,799 --> 00:03:16,810
or contradicted elsewhere on the

67
00:03:13,750 --> 00:03:19,060
internet Shane was our man on the spot

68
00:03:16,810 --> 00:03:21,670
to get interviews from the European

69
00:03:19,060 --> 00:03:24,099
skeptics Congress Thank You Shane thank

70
00:03:21,669 --> 00:03:25,719
you very much I couldn't be there i'm

71
00:03:24,099 --> 00:03:28,209
sad i missed this one that sounded like

72
00:03:25,719 --> 00:03:31,209
a lot of fun but nevermind Shane was

73
00:03:28,209 --> 00:03:33,280
there to grab some interviews for the

74
00:03:31,209 --> 00:03:36,039
skeptic zone and some quick

75
00:03:33,280 --> 00:03:38,289
announcements Pamela gay the wonderful

76
00:03:36,039 --> 00:03:40,590
astronomer Pamela gay is making a flying

77
00:03:38,289 --> 00:03:42,689
visit to Australia

78
00:03:40,590 --> 00:03:46,050
and part of her program is as skeptics

79
00:03:42,689 --> 00:03:49,019
in the pub night in sydney sunday sunday

80
00:03:46,050 --> 00:03:52,080
the 15th of sep tember at five-thirty

81
00:03:49,019 --> 00:03:54,560
p.m. at the crown hotel that's the

82
00:03:52,080 --> 00:03:59,219
corner of Elizabeth and Goulburn streets

83
00:03:54,560 --> 00:04:01,590
quite near museum station come and join

84
00:03:59,219 --> 00:04:04,019
us to hear what Pamela has to say there

85
00:04:01,590 --> 00:04:06,750
will be a ten-dollar Dorothy and all

86

00:04:04,019 --> 00:04:10,110
profits go to Pamela's Cosmo quest

87
00:04:06,750 --> 00:04:12,360
program a worthwhile cause and what a

88
00:04:10,110 --> 00:04:14,880
great way to spend a Sunday afternoon in

89
00:04:12,360 --> 00:04:19,189
the company of the wonderful astronomer

90
00:04:14,879 --> 00:04:24,029
Pamela game or information ww meetup com

91
00:04:19,189 --> 00:04:26,699
/ aust skeptics skeptics in the pub with

92
00:04:24,029 --> 00:04:29,219
dr. Pamela gay and from our friends in

93
00:04:26,699 --> 00:04:31,620
Victoria actually I'm in Victoria at the

94
00:04:29,220 --> 00:04:33,539
moment I'm at the house of steve roberts

95
00:04:31,620 --> 00:04:35,759
longtime skeptic Steve Robert who does

96
00:04:33,538 --> 00:04:38,819
dr. Bob's trivia quiz on the skeptics

97
00:04:35,759 --> 00:04:42,779
website he's out at the moment I'm I'm

98
00:04:38,819 --> 00:04:46,168
all alone hmm when the fridges unguarded

99
00:04:42,779 --> 00:04:48,809
get to that soon news from Victorian

100
00:04:46,168 --> 00:04:52,199

skeptics now they've started up the

101

00:04:48,810 --> 00:04:54,030

Victorian skeptics development fund so

102

00:04:52,199 --> 00:04:57,418

people in Victoria can help other

103

00:04:54,029 --> 00:04:59,309

Victorians with worthwhile skeptical

104

00:04:57,418 --> 00:05:02,478

endeavors if you'd like to find out more

105

00:04:59,310 --> 00:05:05,160

please visit the Vic skeptics

106

00:05:02,478 --> 00:05:07,918

wordpress.com and I must say the

107

00:05:05,160 --> 00:05:10,500

Victorian skeptics are a good example

108

00:05:07,918 --> 00:05:14,490

for us or active interesting getting

109

00:05:10,500 --> 00:05:16,829

things done Vic skeptics wordpress.com

110

00:05:14,490 --> 00:05:18,329

find out more well that's enough for me

111

00:05:16,829 --> 00:05:21,109

at the moment I'm going to stand up from

112

00:05:18,329 --> 00:05:24,209

my chair here sneak around the corner

113

00:05:21,110 --> 00:05:25,439

walk down the hall makes a bit of a

114

00:05:24,209 --> 00:05:28,949

difference from running down the stairs

115
00:05:25,439 --> 00:05:32,029
i guess around this on a kitchen now

116
00:05:28,949 --> 00:05:36,199
open up the fridge what do we have here

117
00:05:32,029 --> 00:05:38,869
what do we have here ah here it is

118
00:05:36,199 --> 00:05:42,379
yep I'm going to have a nice big drink

119
00:05:38,870 --> 00:05:45,009
of soda water and I hope you enjoy the

120
00:05:42,379 --> 00:05:45,009
skeptics are

121
00:05:56,050 --> 00:06:01,189
well here I am at the University of New

122
00:05:59,059 --> 00:06:04,189
South Wales what a lovely day it is to

123
00:06:01,189 --> 00:06:05,778
wander around the campus and well I

124
00:06:04,189 --> 00:06:08,539
can't believe it folks I've bumped into

125
00:06:05,778 --> 00:06:12,079
somebody who also makes origami earrings

126
00:06:08,538 --> 00:06:13,399
I'm flabbergasted hello tesco Kish hi

127
00:06:12,079 --> 00:06:16,008
Richard thanks for having me on the

128
00:06:13,399 --> 00:06:17,689
program my pleasure and I mean it you're

129
00:06:16,009 --> 00:06:19,278
sitting in front of me now we've got a

130
00:06:17,689 --> 00:06:22,309
private meeting room here and you're

131
00:06:19,278 --> 00:06:24,439
wearing origami earrings then you made

132
00:06:22,309 --> 00:06:27,199
an inaugural necklace I am so impressed

133
00:06:24,439 --> 00:06:29,870
yeah yeah they've been my gifts for her

134
00:06:27,199 --> 00:06:31,430
friends recently there were all the 21st

135
00:06:29,870 --> 00:06:32,778
that I've had you know I can't afford to

136
00:06:31,430 --> 00:06:35,509
get presents for all of them so I make

137
00:06:32,778 --> 00:06:37,579
them good been a lot of fun heavens I do

138
00:06:35,509 --> 00:06:40,819
we should start the origami earring club

139
00:06:37,579 --> 00:06:42,709
with two members sounds good sounds good

140
00:06:40,819 --> 00:06:45,348
I'm really uh they're lovely they're

141
00:06:42,709 --> 00:06:47,028
blue cranes you're wearing and they got

142
00:06:45,348 --> 00:06:49,128
their wings out and the one on your neck

143

00:06:47,028 --> 00:06:51,259
that the necklace one is um the wings

144
00:06:49,129 --> 00:06:52,908
are folded out yeah it's a bit hard to

145
00:06:51,259 --> 00:06:55,490
you know not get poked in the neck if I

146
00:06:52,908 --> 00:06:58,610
had the wings out oh I see yeah a

147
00:06:55,490 --> 00:07:02,569
little-little what does it reach a knee

148
00:06:58,610 --> 00:07:05,088
hugs its I don't know a piece of jewelry

149
00:07:02,569 --> 00:07:07,309
thread drama yeah it's lovely and

150
00:07:05,088 --> 00:07:10,879
thinking of blue shirt and blue earrings

151
00:07:07,309 --> 00:07:12,050
today fantastic and I was tickled pink

152
00:07:10,879 --> 00:07:15,919
to see somebody else who makes it

153
00:07:12,050 --> 00:07:19,038
origami hearings yeah yeah fantastic but

154
00:07:15,918 --> 00:07:21,528
why I'm here today I guess you I caught

155
00:07:19,038 --> 00:07:26,259
my attention a couple of weeks ago at

156
00:07:21,528 --> 00:07:29,899
the the I ALS event here in Sydney I

157
00:07:26,259 --> 00:07:32,749

love science yep that one is that one um

158

00:07:29,899 --> 00:07:36,800

and you ever came up and said hello and

159

00:07:32,749 --> 00:07:40,519

you performed a scientific rap song I

160

00:07:36,800 --> 00:07:43,218

did I did mm-hmm it was yeah it was a

161

00:07:40,519 --> 00:07:44,899

bit a bit of my hobby recently to run

162

00:07:43,218 --> 00:07:46,519

while I wrote a musical about the

163

00:07:44,899 --> 00:07:48,319

climate change debate in Australia and I

164

00:07:46,519 --> 00:07:50,718

think my favorite part of it was the rap

165

00:07:48,319 --> 00:07:52,430

so it's it doesn't really have a title

166

00:07:50,718 --> 00:07:54,740

it's a bit like the just the climate

167

00:07:52,430 --> 00:07:56,629

scientists rap good heavens we'll get to

168

00:07:54,740 --> 00:07:58,400

that in a second yeah here the

169

00:07:56,629 --> 00:08:00,710

university you're studying

170

00:07:58,399 --> 00:08:02,120

science and education mmhmm yeah yeah

171

00:08:00,709 --> 00:08:02,959

after a bit of fiddling around with my

172
00:08:02,120 --> 00:08:04,899
degrees I've done a bit of

173
00:08:02,959 --> 00:08:07,549
communications bit of Arts bit of

174
00:08:04,899 --> 00:08:08,959
linguistic sociology all those sorts of

175
00:08:07,550 --> 00:08:11,600
things I've been a little bit indecisive

176
00:08:08,959 --> 00:08:13,909
but I've settled on science education

177
00:08:11,600 --> 00:08:16,610
now is that science and educational

178
00:08:13,910 --> 00:08:18,199
science education well i'll be a science

179
00:08:16,610 --> 00:08:21,850
teacher after it but it's technically a

180
00:08:18,199 --> 00:08:24,680
double degree fantastic mm-hmm I've them

181
00:08:21,850 --> 00:08:27,669
although I'm not a science teacher as

182
00:08:24,680 --> 00:08:29,300
such I've been certainly been given

183
00:08:27,668 --> 00:08:32,088
accreditation that's all right by

184
00:08:29,300 --> 00:08:34,788
yourself I'll science education Oh 10

185
00:08:32,089 --> 00:08:36,950
years ago now to like to do science

186
00:08:34,788 --> 00:08:37,939
shows in schools yeah and I'm still

187
00:08:36,950 --> 00:08:41,270
doing that with a mystery investigators

188
00:08:37,940 --> 00:08:43,360
which is enormously pleasing so oh and

189
00:08:41,269 --> 00:08:46,610
I've met many wonderful science teachers

190
00:08:43,360 --> 00:08:49,039
yes and that's why over 200 months yea

191
00:08:46,610 --> 00:08:51,440
high school yea high school science you

192
00:08:49,039 --> 00:08:54,139
have physics and chemistry mmm-hmm

193
00:08:51,440 --> 00:08:55,940
that's exciting yeah I loved I loved

194
00:08:54,139 --> 00:08:59,240
physics at school pronounce that's my

195
00:08:55,940 --> 00:09:00,860
favorite science I just I loved one of

196
00:08:59,240 --> 00:09:02,839
the things I most love about physics is

197
00:09:00,860 --> 00:09:05,750
the puns you can get out of it the palms

198
00:09:02,839 --> 00:09:08,540
yes go on then what oh I don't know you

199
00:09:05,750 --> 00:09:10,278
know I do my boyfriend's an engineer and

200

00:09:08,539 --> 00:09:14,120
I just love using the line you're all

201
00:09:10,278 --> 00:09:17,259
talk on him as NT hola q ue theory me

202
00:09:14,120 --> 00:09:20,480
listeners can ride him into plane later

203
00:09:17,259 --> 00:09:24,080
yeah it's a little bit of an awful pun

204
00:09:20,480 --> 00:09:27,350
but I just love to use it and I actually

205
00:09:24,080 --> 00:09:29,180
saw a great physics T physics t-shirt

206
00:09:27,350 --> 00:09:31,759
today it was actually Star Wars and

207
00:09:29,179 --> 00:09:35,629
physics joke Albin one and as a t-shirt

208
00:09:31,759 --> 00:09:38,958
that said use the QV be signs detail no

209
00:09:35,629 --> 00:09:41,149
it's so good I love it I love it it's

210
00:09:38,958 --> 00:09:42,769
hilarious that are gearing well walking

211
00:09:41,149 --> 00:09:44,569
around the University of bounces yeah

212
00:09:42,769 --> 00:09:48,669
and some pretty funny t-shirt it's

213
00:09:44,570 --> 00:09:51,379
pretty funny t-shirt so what's what's

214
00:09:48,669 --> 00:09:55,009

grouping for you with the cold climate

215

00:09:51,379 --> 00:09:58,120

science um well I guess my parents have

216

00:09:55,009 --> 00:10:00,350

always been interested in and aware of

217

00:09:58,120 --> 00:10:02,350

environmental problems like my dad works

218

00:10:00,350 --> 00:10:05,058

with renewable energy I just

219

00:10:02,350 --> 00:10:08,689

you just did you just did I introduced

220

00:10:05,058 --> 00:10:09,708

written to Richard yeah and it's just

221

00:10:08,688 --> 00:10:13,039

always been something that I've been

222

00:10:09,708 --> 00:10:15,169

brought up caring about and it I

223

00:10:13,039 --> 00:10:16,938

actually do a lot of stuff with the

224

00:10:15,169 --> 00:10:18,740

Australian Youth Climate Coalition hi

225

00:10:16,938 --> 00:10:22,938

the Australian Youth Climate Coalition

226

00:10:18,740 --> 00:10:25,579

okay we're at 80,000 young person

227

00:10:22,938 --> 00:10:30,588

organization and actually the other week

228

00:10:25,578 --> 00:10:32,958

I I donned an emo suit and harassed Raj

229
00:10:30,589 --> 00:10:35,179
about his lack of protection for the

230
00:10:32,958 --> 00:10:38,508
Great Barrier Reef that's that's a sort

231
00:10:35,178 --> 00:10:40,938
of thing we do but I went to a youth

232
00:10:38,509 --> 00:10:43,519
youth um uthan action and policy

233
00:10:40,938 --> 00:10:47,509
association conference in 2008 and I got

234
00:10:43,519 --> 00:10:49,220
I got told about well I started talking

235
00:10:47,509 --> 00:10:50,919
about sustainability so much to the

236
00:10:49,220 --> 00:10:53,509
point where it became my nickname and

237
00:10:50,919 --> 00:10:54,588
the the head of the organization came up

238
00:10:53,509 --> 00:10:55,909
to me afterwards and he said there's

239
00:10:54,589 --> 00:10:57,379
there's an organization that's just

240
00:10:55,909 --> 00:10:59,328
starting up the Australian Youth Climate

241
00:10:57,379 --> 00:11:00,589
Coalition you might be interested in

242
00:10:59,328 --> 00:11:03,258
getting involved you know here's the

243
00:11:00,589 --> 00:11:07,009
website things like that and i went to

244
00:11:03,259 --> 00:11:10,220
the conference in 2009 and 2011 and 2013

245
00:11:07,009 --> 00:11:14,149
I've made some amazing friends and so

246
00:11:10,220 --> 00:11:15,528
I've got I came from at high school I

247
00:11:14,149 --> 00:11:17,208
was really the only one who cared about

248
00:11:15,528 --> 00:11:19,458
climate change and wanted to do stuff in

249
00:11:17,208 --> 00:11:20,808
school and things like that and didn't

250
00:11:19,458 --> 00:11:23,508
have great great amount of teacher

251
00:11:20,808 --> 00:11:24,948
support and now i'm part of the

252
00:11:23,509 --> 00:11:27,139
Australian Youth Climate Coalition and

253
00:11:24,948 --> 00:11:28,159
it's just incredible that's that's

254
00:11:27,139 --> 00:11:30,230
really interesting it's really

255
00:11:28,159 --> 00:11:31,759
interesting and from my point of view I

256
00:11:30,230 --> 00:11:34,819
can tell you what we're fed up with

257

00:11:31,759 --> 00:11:36,499
people confusing the Australian skeptics

258
00:11:34,818 --> 00:11:39,378
and the skeptical movement with climate

259
00:11:36,499 --> 00:11:42,499
change ski yeah oh boy yes I can imagine

260
00:11:39,379 --> 00:11:44,389
it boy we even put up a special page on

261
00:11:42,499 --> 00:11:48,920
our website basically saying look we're

262
00:11:44,389 --> 00:11:50,839
not those skip it's like in yeah the old

263
00:11:48,919 --> 00:11:52,368
days not not anymore i haven't heard

264
00:11:50,839 --> 00:11:55,429
this for a long time but people used to

265
00:11:52,369 --> 00:11:58,189
confuse us with moon landing Oh skeptics

266
00:11:55,428 --> 00:12:00,669
all those men the conspiracy theorists

267
00:11:58,188 --> 00:12:03,198
you're not conspiracy theorists no no no

268
00:12:00,669 --> 00:12:04,219
go on Imperial evidence and things like

269
00:12:03,198 --> 00:12:07,519
that

270
00:12:04,220 --> 00:12:10,620
but you must run into all sorts of

271
00:12:07,519 --> 00:12:12,509

woolly arguments from people well of

272

00:12:10,620 --> 00:12:14,519

course there's no climate change it's

273

00:12:12,509 --> 00:12:18,090

all the fault well now it's all a

274

00:12:14,519 --> 00:12:19,649

conspiracy from from being over yeah

275

00:12:18,090 --> 00:12:21,690

yeah all the scientists want more

276

00:12:19,649 --> 00:12:23,699

funding that's what it is they figure

277

00:12:21,690 --> 00:12:25,680

that I've heard that they come out and

278

00:12:23,700 --> 00:12:27,030

say its scientists who simply want more

279

00:12:25,679 --> 00:12:28,769

funding and they get more funding by

280

00:12:27,029 --> 00:12:30,209

running around saying that climate

281

00:12:28,769 --> 00:12:33,149

change is bad news happening all the

282

00:12:30,210 --> 00:12:36,269

rest and they ignore those science of

283

00:12:33,149 --> 00:12:38,129

course of course of course scientists

284

00:12:36,269 --> 00:12:40,500

wouldn't for later science no they just

285

00:12:38,129 --> 00:12:44,399

we're all they want is funding all they

286
00:12:40,500 --> 00:12:46,559
want as well the don't wheel that's true

287
00:12:44,399 --> 00:12:48,090
fair enough fair enough you might be

288
00:12:46,559 --> 00:12:49,649
interested in in I don't know if you've

289
00:12:48,090 --> 00:12:52,190
heard of the National Center for Science

290
00:12:49,649 --> 00:12:55,379
education in the United States um

291
00:12:52,190 --> 00:12:56,790
peripheral e not know okay so not to the

292
00:12:55,379 --> 00:12:59,460
point where I've done it they've taken

293
00:12:56,789 --> 00:13:02,849
out this they were primarily and I guess

294
00:12:59,460 --> 00:13:05,280
they still are defending the teaching

295
00:13:02,850 --> 00:13:07,350
the teaching of evolution in schools and

296
00:13:05,279 --> 00:13:09,209
creationists in America it's a big

297
00:13:07,350 --> 00:13:10,529
problem yeah we don't you don't really

298
00:13:09,210 --> 00:13:13,740
have that much of a problem here in

299
00:13:10,529 --> 00:13:15,000
Australia I'm pleased to say yeah but

300
00:13:13,740 --> 00:13:18,029
more recently over the last few years

301
00:13:15,000 --> 00:13:21,929
they've also taken the same attitude

302
00:13:18,029 --> 00:13:23,909
towards climate change denial so they

303
00:13:21,929 --> 00:13:26,399
will help teachers and others who are

304
00:13:23,909 --> 00:13:28,709
having a hard time yeah trying basically

305
00:13:26,399 --> 00:13:31,799
trying to teach science yeah I had an

306
00:13:28,710 --> 00:13:32,970
odd experience in high school that when

307
00:13:31,799 --> 00:13:36,240
I was part of the Environment Committee

308
00:13:32,970 --> 00:13:38,220
in year 11 the teacher who run the group

309
00:13:36,240 --> 00:13:41,009
I found out she was a climate-change

310
00:13:38,220 --> 00:13:42,779
skeptical mmm was really strange

311
00:13:41,009 --> 00:13:45,000
experience and I found out you know

312
00:13:42,779 --> 00:13:47,159
fairly late into the into the term yeah

313
00:13:45,000 --> 00:13:50,789
and it was it was just such a bizarre

314

00:13:47,159 --> 00:13:52,860
experience like I'd I struggled to find

315
00:13:50,789 --> 00:13:54,779
support within the school structure to

316
00:13:52,860 --> 00:13:56,820
get you know big action happening so I

317
00:13:54,779 --> 00:13:57,990
did manage to get solar cells on the

318
00:13:56,820 --> 00:13:59,790
roof of the pool it's going on do you

319
00:13:57,990 --> 00:14:01,950
yeah yeah my year eight science teacher

320
00:13:59,789 --> 00:14:04,169
heard what my dad did and thought we're

321
00:14:01,950 --> 00:14:05,490
gonna get some solar cells and we did so

322
00:14:04,169 --> 00:14:08,279
that's that's my legacy of the school

323
00:14:05,490 --> 00:14:10,049
what does you did you just he's the head

324
00:14:08,279 --> 00:14:11,939
of the school of photovoltaic and

325
00:14:10,049 --> 00:14:14,099
renewable energy engineering at the

326
00:14:11,940 --> 00:14:16,560
University of New South Wales you must

327
00:14:14,100 --> 00:14:20,278
have a big business card

328
00:14:16,559 --> 00:14:22,439

yeah yeah yeahs fit all that on he's big

329

00:14:20,278 --> 00:14:24,149

in China and he's mates with cate

330

00:14:22,440 --> 00:14:26,820

blanchett too because they did a did a

331

00:14:24,149 --> 00:14:29,509

project on the wharf theatre he likes to

332

00:14:26,820 --> 00:14:31,950

use the phrase my mate Kate oh yes yeah

333

00:14:29,509 --> 00:14:35,189

once she kissed him on the cheek and he

334

00:14:31,950 --> 00:14:38,100

rubbed it on a better for ages I wonder

335

00:14:35,190 --> 00:14:41,010

why a chief looked a bit dirty wash the

336

00:14:38,100 --> 00:14:44,009

things I can't say that I blame him now

337

00:14:41,009 --> 00:14:47,009

so this is all coalesce in your mind all

338

00:14:44,009 --> 00:14:49,740

this stuff yep and it inspired you to

339

00:14:47,009 --> 00:14:51,960

take more action in artistic man I shall

340

00:14:49,740 --> 00:14:54,480

we say how did what was the thinking

341

00:14:51,960 --> 00:14:58,110

behind all that well it came out of a

342

00:14:54,480 --> 00:15:01,170

post from the AICC which was calling for

343
00:14:58,110 --> 00:15:03,269
crowdsourcing for ideas on how to turn

344
00:15:01,169 --> 00:15:04,979
the climate change debate from something

345
00:15:03,269 --> 00:15:07,620
about being the carbon tax is a bad

346
00:15:04,980 --> 00:15:09,720
thing to it being about positive action

347
00:15:07,620 --> 00:15:13,110
towards transitioning to renewable

348
00:15:09,720 --> 00:15:15,480
energy future and I don't know it just

349
00:15:13,110 --> 00:15:17,100
just sprung from there and I pretty much

350
00:15:15,480 --> 00:15:19,200
knocked off most of it in a couple of

351
00:15:17,100 --> 00:15:21,930
nights how long does it go the whole

352
00:15:19,200 --> 00:15:25,200
shootin it's about 45 minutes like it's

353
00:15:21,929 --> 00:15:27,750
not a huge show but um this is a live

354
00:15:25,200 --> 00:15:31,980
show which is been before yeah yeah yeah

355
00:15:27,750 --> 00:15:35,279
is it on YouTube norm but I'm going to

356
00:15:31,980 --> 00:15:37,920
be selling DVDs to raise money for me to

357
00:15:35,279 --> 00:15:39,809
go to Antarctica Antarctic mm-hmm the

358
00:15:37,919 --> 00:15:42,000
Antarctic Youth Ambassador Program in

359
00:15:39,809 --> 00:15:44,369
February next year how exciting is yeah

360
00:15:42,000 --> 00:15:45,360
how exciting is that a very good friend

361
00:15:44,370 --> 00:15:47,100
of mine and a good friend of the

362
00:15:45,360 --> 00:15:49,529
skeptics earned dr. Paul Willis who has

363
00:15:47,100 --> 00:15:51,210
a segment on a show every week he's been

364
00:15:49,529 --> 00:15:52,740
to the Antarctic more times and he's had

365
00:15:51,210 --> 00:15:55,920
hot dinners I swear he's going down

366
00:15:52,740 --> 00:16:00,509
there a lot of times and the exciting

367
00:15:55,919 --> 00:16:03,000
stories he tells of getting off the

368
00:16:00,509 --> 00:16:08,569
launch or whatever I was walking along

369
00:16:03,000 --> 00:16:12,269
and finding us a fossilized plesiosaur

370
00:16:08,570 --> 00:16:14,490
yeah yeah isn't that just that still

371

00:16:12,269 --> 00:16:17,699
gobsmacking okay you think it is it's

372
00:16:14,490 --> 00:16:20,490
not making so it just boggles the mind

373
00:16:17,700 --> 00:16:22,770
the wealth of scientific treasure that

374
00:16:20,490 --> 00:16:25,350
lies about the ice in the Antarctic it

375
00:16:22,769 --> 00:16:28,088
must be when you think about it I guess

376
00:16:25,350 --> 00:16:32,050
there must be untold

377
00:16:28,089 --> 00:16:33,939
fossils of animals dinosaurs all sorts

378
00:16:32,049 --> 00:16:35,159
of things there yes so exciting and

379
00:16:33,938 --> 00:16:37,778
apart from the fact that it's a

380
00:16:35,159 --> 00:16:39,399
spectacularly beautiful place and so I

381
00:16:37,778 --> 00:16:42,039
don't blame you for wanting to go yeah

382
00:16:39,399 --> 00:16:45,089
yeah I don't blame you at all and and so

383
00:16:42,039 --> 00:16:48,039
it so you're saying you did film it yeah

384
00:16:45,089 --> 00:16:50,920
the phone we performed it early January

385
00:16:48,039 --> 00:16:52,990

and when when is that DVD looking like

386

00:16:50,919 --> 00:16:54,399

it's going to be right well I need to go

387

00:16:52,990 --> 00:16:56,528

over to my friends place and pick them

388

00:16:54,399 --> 00:16:59,528

up and then organize to sell them that's

389

00:16:56,528 --> 00:17:03,789

that's what it's going to be but yeah if

390

00:16:59,528 --> 00:17:06,939

you if you're interested and want to

391

00:17:03,789 --> 00:17:08,859

check out my musical um i will post news

392

00:17:06,939 --> 00:17:12,640

about that on my blog which is aunt

393

00:17:08,859 --> 00:17:16,808

Arctic and Antarctic and test wordpress

394

00:17:12,640 --> 00:17:19,679

com Antarctic and test wordpress com I

395

00:17:16,808 --> 00:17:22,778

put a link in the show notes they Google

396

00:17:19,679 --> 00:17:25,509

Antarctic and kiss yep yep this is

397

00:17:22,778 --> 00:17:27,189

arguing yep how exciting is that way

398

00:17:25,509 --> 00:17:29,408

there's the word listeners if you want

399

00:17:27,189 --> 00:17:31,990

to help this courageous young woman with

400
00:17:29,409 --> 00:17:35,200
her origami earrings origami earrings in

401
00:17:31,990 --> 00:17:37,509
the Antarctic ice I'll take it take a

402
00:17:35,200 --> 00:17:39,610
selfie in not to go with some origami

403
00:17:37,509 --> 00:17:42,970
earrings that would be fantastic if you

404
00:17:39,609 --> 00:17:45,898
want to help this brave young lady reach

405
00:17:42,970 --> 00:17:47,649
her dream then check out the blog and

406
00:17:45,898 --> 00:17:50,288
hopefully very soon you'll be able to

407
00:17:47,648 --> 00:17:53,199
get the DVD and I think I think we

408
00:17:50,288 --> 00:17:55,720
really do need an example yeah maybe the

409
00:17:53,200 --> 00:17:59,710
wrap sure myself let's hear the wrap

410
00:17:55,720 --> 00:18:01,778
yeah okay listen to us what we speak is

411
00:17:59,710 --> 00:18:03,460
true I facts and figures kind of make us

412
00:18:01,778 --> 00:18:05,259
blue you can right the wrongs if you

413
00:18:03,460 --> 00:18:07,750
stop and here we're giving truth in a

414
00:18:05,259 --> 00:18:10,000
propagating fear climate change it can't

415
00:18:07,750 --> 00:18:11,710
be ignored sit up in here don't just be

416
00:18:10,000 --> 00:18:13,390
bored I'll slap you with the fact if you

417
00:18:11,710 --> 00:18:14,769
make me see red if you ignore science

418
00:18:13,390 --> 00:18:17,140
you might as well be dead me and my

419
00:18:14,769 --> 00:18:19,869
colleagues here at CSIRO the sick and

420
00:18:17,140 --> 00:18:21,909
tired of you no no no open your ears it

421
00:18:19,869 --> 00:18:23,949
might save your life we won't let you

422
00:18:21,909 --> 00:18:26,020
drag us into strife the earth is warming

423
00:18:23,950 --> 00:18:28,659
as cos we emit greenhouse gases carbon

424
00:18:26,019 --> 00:18:30,308
and all that sea levels rising we're in

425
00:18:28,659 --> 00:18:31,720
big trouble so we're here to burst your

426
00:18:30,308 --> 00:18:33,519
protective bubble what we're seeing

427
00:18:31,720 --> 00:18:35,579
hasn't happened since way back when two

428

00:18:33,519 --> 00:18:37,990
decades after Jesus was hanging with men

429
00:18:35,579 --> 00:18:38,399
graphical trends are on the up and up I

430
00:18:37,990 --> 00:18:40,349
know

431
00:18:38,400 --> 00:18:42,060
hard to understand young pup but it

432
00:18:40,349 --> 00:18:43,769
means or through if we don't change with

433
00:18:42,059 --> 00:18:45,599
changing means in ways so it will feel

434
00:18:43,769 --> 00:18:47,369
strange droughts and floods Carl

435
00:18:45,599 --> 00:18:49,769
bleaching a mess it's proof right here

436
00:18:47,369 --> 00:18:51,359
at planets under stress make more

437
00:18:49,769 --> 00:18:52,859
pollution the earth gets hotter do we

438
00:18:51,359 --> 00:18:54,679
have to lead you like a horse to water

439
00:18:52,859 --> 00:18:57,059
the car when we send to the atmosphere

440
00:18:54,680 --> 00:18:59,039
thickens layer traps the heat in here

441
00:18:57,059 --> 00:19:01,440
it's really not natural gas or too hot

442
00:18:59,039 --> 00:19:02,759

you're staring us in a boiling pot when

443

00:19:01,440 --> 00:19:04,620

you say we're wrong you're defying

444

00:19:02,759 --> 00:19:06,750

physics geologic slack for three to five

445

00:19:04,619 --> 00:19:08,459

or six you pull out the skeptics like I

446

00:19:06,750 --> 00:19:09,839

know what's what but if I kept it to me

447

00:19:08,460 --> 00:19:11,549

they know diddly-squat about the

448

00:19:09,839 --> 00:19:13,049

patterns graph in fact climate science

449

00:19:11,549 --> 00:19:15,569

but you aren't methyl ice we weren't sit

450

00:19:13,049 --> 00:19:17,369

in silence but facts the facts you can't

451

00:19:15,569 --> 00:19:19,200

deny that so we hope you thanked us for

452

00:19:17,369 --> 00:19:20,759

this little chat cement and clever

453

00:19:19,200 --> 00:19:22,230

scientists just aren't wrong and it

454

00:19:20,759 --> 00:19:25,259

names nothing condiments or join the

455

00:19:22,230 --> 00:19:27,360

throng save your precious words they've

456

00:19:25,259 --> 00:19:29,490

been little to us you're wrong and you

457
00:19:27,359 --> 00:19:31,139
know it thus take your propaganda it's

458
00:19:29,490 --> 00:19:38,099
not welcome here we're all about making

459
00:19:31,140 --> 00:19:40,980
sure the area is clear and you wrote

460
00:19:38,099 --> 00:19:43,949
that yeah good heavens mm-hmm good

461
00:19:40,980 --> 00:19:46,410
heavens Wow a climate change rap is it

462
00:19:43,950 --> 00:19:48,269
as cold was that it doesn't really have

463
00:19:46,410 --> 00:19:51,500
a title because it fits into a into a

464
00:19:48,269 --> 00:19:55,049
whole thing and yeah it's technically um

465
00:19:51,500 --> 00:19:57,390
it's technically a two-part rap between

466
00:19:55,049 --> 00:20:01,019
a scientist scientist and an economist

467
00:19:57,390 --> 00:20:04,230
at chive charmer who is a mining magnate

468
00:20:01,019 --> 00:20:08,339
is based off no one no no no no I

469
00:20:04,230 --> 00:20:10,559
know that name at all yeah yeah yeah

470
00:20:08,339 --> 00:20:13,379
it's it's yeah it's a lot of fun it's a

471
00:20:10,559 --> 00:20:15,799
musical is a bit bit political but um

472
00:20:13,380 --> 00:20:18,780
yeah well I guess it would have to be

473
00:20:15,799 --> 00:20:20,519
it's true it's true I'm pretty

474
00:20:18,779 --> 00:20:23,279
interested in the sociological effects

475
00:20:20,519 --> 00:20:24,599
of you know climate change and the fact

476
00:20:23,279 --> 00:20:27,480
that's going to be you know whole

477
00:20:24,599 --> 00:20:28,799
cultural and you know it's societal

478
00:20:27,480 --> 00:20:30,839
shift that we're going to have to do in

479
00:20:28,799 --> 00:20:32,430
dissolve it you know you can't can't

480
00:20:30,839 --> 00:20:34,169
really ignore the political enough you

481
00:20:32,430 --> 00:20:36,870
know what I'd love I would love you to

482
00:20:34,170 --> 00:20:38,990
come and perform that at our sydney

483
00:20:36,869 --> 00:20:40,949
skeptics in the pub meeting one time

484
00:20:38,990 --> 00:20:44,039
sounds good to me have you got the

485

00:20:40,950 --> 00:20:45,990
bottle to do that yeah yeah I can do

486
00:20:44,039 --> 00:20:47,058
that yeah I think that would be really

487
00:20:45,990 --> 00:20:49,759
fun that way

488
00:20:47,058 --> 00:20:52,038
fun well test look I'm delighted to come

489
00:20:49,759 --> 00:20:53,690
by have a chat with you and be dazzled

490
00:20:52,038 --> 00:20:56,499
by your talent in your earrings okay

491
00:20:53,690 --> 00:20:58,879
your necklace and this looks lovely and

492
00:20:56,499 --> 00:21:00,769
thank you for being on the skeptics am

493
00:20:58,878 --> 00:21:11,689
thank you so much the inviting me to be

494
00:21:00,769 --> 00:21:13,519
part of it virtual skeptics is a weekly

495
00:21:11,690 --> 00:21:16,129
web show in which we discuss the latest

496
00:21:13,519 --> 00:21:18,079
news in skepticism whether it's a new

497
00:21:16,128 --> 00:21:20,269
case of spontaneous human combustion a

498
00:21:18,079 --> 00:21:22,490
conspiracy theory the latest update on

499
00:21:20,269 --> 00:21:24,169

the upcoming robot apocalypse tech news

500

00:21:22,490 --> 00:21:26,659

for skeptics are the latest wacky

501

00:21:24,169 --> 00:21:29,028

religious claim we cover it all we

502

00:21:26,659 --> 00:21:31,669

record the show live as a Google+ on-air

503

00:21:29,028 --> 00:21:33,499

hang out so join us and our host Brian

504

00:21:31,669 --> 00:21:35,629

Gregory for an hour of mostly

505

00:21:33,499 --> 00:21:38,538

intelligent talk every wednesday at

506

00:21:35,628 --> 00:21:41,538

eight pm eastern US time watch us at

507

00:21:38,538 --> 00:21:44,210

virtual skeptics calm and participate in

508

00:21:41,538 --> 00:21:47,118

the show on our hashtag virtual skeptics

509

00:21:44,210 --> 00:21:50,798

the virtual skeptics it's like meet the

510

00:21:47,118 --> 00:21:50,798

press but with chupacabras

511

00:21:52,128 --> 00:21:57,148

welcome to a week in science from our

512

00:21:54,778 --> 00:22:00,239

iOS bringing you the science news you

513

00:21:57,148 --> 00:22:03,138

need to know this week in science we saw

514
00:22:00,239 --> 00:22:09,119
listening fetuses acidic oceans and

515
00:22:03,138 --> 00:22:11,158
combating a varian cancer ocean

516
00:22:09,118 --> 00:22:14,428
acidification is set to drastically

517
00:22:11,159 --> 00:22:17,820
impact our oceans ecosystems within this

518
00:22:14,429 --> 00:22:20,100
century this process is due to increased

519
00:22:17,819 --> 00:22:22,739
co2 in the atmosphere which is absorbed

520
00:22:20,099 --> 00:22:25,618
by our oceans making them more acidic a

521
00:22:22,739 --> 00:22:27,419
study of a wide range of organisms found

522
00:22:25,618 --> 00:22:30,749
that all of them will be negatively

523
00:22:27,419 --> 00:22:32,879
affected to varying degrees corals clams

524
00:22:30,749 --> 00:22:34,739
and starfish as some of the animals that

525
00:22:32,878 --> 00:22:37,259
are most susceptible while whales

526
00:22:34,739 --> 00:22:41,190
dolphins and crustaceans appear to be

527
00:22:37,259 --> 00:22:43,649
more resilient there's been an advance

528
00:22:41,190 --> 00:22:45,538
in the fight against ovarian cancer with

529
00:22:43,648 --> 00:22:47,638
a promising new screening strategy

530
00:22:45,538 --> 00:22:50,098
ovarian cancer has previously been

531
00:22:47,638 --> 00:22:52,918
difficult to detect early and is often

532
00:22:50,098 --> 00:22:56,009
lethal claiming over 900 Australian

533
00:22:52,919 --> 00:22:58,349
women each year the two-stage screening

534
00:22:56,009 --> 00:23:00,450
process involves a series of blood tests

535
00:22:58,348 --> 00:23:03,210
with follow-up ultrasounds for high-risk

536
00:23:00,450 --> 00:23:05,340
patients this early detection strategy

537
00:23:03,210 --> 00:23:07,619
is currently being clinically trialed in

538
00:23:05,339 --> 00:23:10,618
the US and has the potential to save

539
00:23:07,618 --> 00:23:13,858
thousands of lives you're listening to a

540
00:23:10,618 --> 00:23:18,839
week in science from our iOS and now for

541
00:23:13,858 --> 00:23:21,418
size headlines in 30 seconds babies in

542

00:23:18,839 --> 00:23:23,999
the womb can hear and remember words a

543
00:23:21,419 --> 00:23:27,269
new approach to detecting celiac disease

544
00:23:23,999 --> 00:23:29,058
an immune response to gluten reveals it

545
00:23:27,269 --> 00:23:32,220
is more common than previously thought

546
00:23:29,058 --> 00:23:35,308
fish larvae can smell their home reef

547
00:23:32,220 --> 00:23:38,098
from several kilometers away and if a

548
00:23:35,308 --> 00:23:39,658
robot has a human-like face you're more

549
00:23:38,098 --> 00:23:43,858
likely to think it has its own

550
00:23:39,659 --> 00:23:46,320
personality and mind time for another

551
00:23:43,858 --> 00:23:49,319
quick question according to new research

552
00:23:46,319 --> 00:23:53,339
what percentage of fast food adverts

553
00:23:49,319 --> 00:23:57,979
aimed at kids use toys as enticements is

554
00:23:53,339 --> 00:24:01,319
it a 30-percent be fifty percent see

555
00:23:57,979 --> 00:24:04,288
seventy percent or D ninety percent

556
00:24:01,319 --> 00:24:05,538

tweet us the answer at our i underscore

557

00:24:04,288 --> 00:24:08,759
aus

558

00:24:05,538 --> 00:24:10,919
hashtag weekend sigh that's it for this

559

00:24:08,759 --> 00:24:13,139
week in science for more information on

560

00:24:10,919 --> 00:24:16,980
these and other science news stories go

561

00:24:13,138 --> 00:24:19,528
to the Orioles website are I a US or gay

562

00:24:16,980 --> 00:24:21,929
you follow us on Twitter using the

563

00:24:19,528 --> 00:24:24,480
hashtag week in sy and like us on

564

00:24:21,929 --> 00:24:40,110
Facebook I'm Paul Willis and i'll catch

565

00:24:24,480 --> 00:24:41,999
you next week the skeptic magazine the

566

00:24:40,109 --> 00:24:44,969
journal from australian skeptics

567

00:24:41,999 --> 00:24:49,470
subscribe online to the world's second

568

00:24:44,970 --> 00:24:52,819
oldest skeptical magazine visit w WC apx

569

00:24:49,470 --> 00:24:56,909
kombu and click the publications league

570

00:24:52,819 --> 00:25:00,928
you can also find their over 30 years on

571
00:24:56,909 --> 00:25:05,419
back issues free to download the skeptic

572
00:25:00,929 --> 00:25:05,419
magazine from australian skeptics

573
00:25:17,460 --> 00:25:23,289
hello skipped exam this is Shane green

574
00:25:20,109 --> 00:25:25,809
up here the founder of rubato and I am

575
00:25:23,289 --> 00:25:28,539
at the 15th European skeptics conference

576
00:25:25,809 --> 00:25:31,269
I'm going to be doing some interviews

577
00:25:28,539 --> 00:25:35,409
for you and hopefully we find some

578
00:25:31,269 --> 00:25:39,460
interesting things to talk about hey so

579
00:25:35,410 --> 00:25:42,850
I am here with Michael Marsh you talked

580
00:25:39,460 --> 00:25:45,009
yesterday yeah I did I talked about my

581
00:25:42,849 --> 00:25:46,990
my PR and the media stuff and just how

582
00:25:45,009 --> 00:25:48,250
much of the news is actually placed

583
00:25:46,990 --> 00:25:49,779
there by companies trying to sell you

584
00:25:48,250 --> 00:25:51,940
stuff and how you spot this kind of

585
00:25:49,779 --> 00:25:54,009
stuff and and how you can demonstrate

586
00:25:51,940 --> 00:25:56,049
the harm of it and I think by tracking

587
00:25:54,009 --> 00:25:57,220
it or tracking what kind of stories

588
00:25:56,049 --> 00:25:59,349
appear in the news all the time you can

589
00:25:57,220 --> 00:26:02,230
start to piece together narratives and

590
00:25:59,349 --> 00:26:04,089
find the villains and see really

591
00:26:02,230 --> 00:26:05,829
interesting sub stories behind the news

592
00:26:04,089 --> 00:26:08,199
to how stuffs getting made really yeah

593
00:26:05,829 --> 00:26:10,240
it's one of my favorite talks of the

594
00:26:08,200 --> 00:26:11,980
whole weekend I really love the way you

595
00:26:10,240 --> 00:26:14,799
present it it's it's funny and engaging

596
00:26:11,980 --> 00:26:16,329
and one of my favorite things that you

597
00:26:14,799 --> 00:26:18,549
talk about is that the fourth paragraph

598
00:26:16,329 --> 00:26:21,129
rule yeah yeah may or may not have

599

00:26:18,549 --> 00:26:23,049
invented yeah I think so so the fourth

600
00:26:21,130 --> 00:26:24,730
paragraph rule is a rule of thumb which

601
00:26:23,049 --> 00:26:26,259
says that if there's a company named in

602
00:26:24,730 --> 00:26:27,339
the fourth paragraph of the story then

603
00:26:26,259 --> 00:26:28,720
there's a very good chance that's the

604
00:26:27,339 --> 00:26:30,369
company who paid for the story and

605
00:26:28,720 --> 00:26:31,990
sometimes it's the third sometimes the

606
00:26:30,369 --> 00:26:34,329
fifth but the key is for it to be high

607
00:26:31,990 --> 00:26:36,309
in a full that when an editor starts

608
00:26:34,329 --> 00:26:37,720
cutting away the the copy of the bottom

609
00:26:36,309 --> 00:26:39,399
of the story to fit a smaller space in

610
00:26:37,720 --> 00:26:41,140
the newspaper the accompanying survives

611
00:26:39,400 --> 00:26:43,540
the cut but it's not so high up that

612
00:26:41,140 --> 00:26:44,950
that it's obvious in the fuzzy so the

613
00:26:43,539 --> 00:26:46,329

fourth paragraph is normally on average

614

00:26:44,950 --> 00:26:48,400

a good place to put it what I love about

615

00:26:46,329 --> 00:26:50,470

having that sort of pointed out is that

616

00:26:48,400 --> 00:26:52,360

you can go and talk to everyone else you

617

00:26:50,470 --> 00:26:53,980

know non skeptics everyone and point out

618

00:26:52,359 --> 00:26:56,019

that all there's a name in the fourth

619

00:26:53,980 --> 00:26:57,819

paragraph yeah they probably paid for

620

00:26:56,019 --> 00:26:58,869

this yeah yeah it is you can just go

621

00:26:57,819 --> 00:27:00,429

through a newspaper and it's got oh I

622

00:26:58,869 --> 00:27:02,469

see that's where that story it comes

623

00:27:00,430 --> 00:27:03,670

again yeah yeah it's entertaining to do

624

00:27:02,470 --> 00:27:05,470

and you can do it like you do it with

625

00:27:03,670 --> 00:27:06,730

teenagers or something and you teach

626

00:27:05,470 --> 00:27:08,049

them something about the world maybe

627

00:27:06,730 --> 00:27:10,329

they'll read newspapers that little bit

628
00:27:08,049 --> 00:27:12,460
more critically yeah and it's impossible

629
00:27:10,329 --> 00:27:14,859
now tell me anyone who saw the talk or

630
00:27:12,460 --> 00:27:16,029
her see me talk about this elsewhere or

631
00:27:14,859 --> 00:27:17,199
heard me talk about on podcasts and

632
00:27:16,029 --> 00:27:19,299
things i think the skeptics on listeners

633
00:27:17,200 --> 00:27:20,410
are probably aware of this stuff that I

634
00:27:19,299 --> 00:27:21,730
do because I think I've meant even

635
00:27:20,410 --> 00:27:23,470
spoken about it on the show before and

636
00:27:21,730 --> 00:27:25,089
if not Richard should get me on to talk

637
00:27:23,470 --> 00:27:27,549
specifically about it

638
00:27:25,089 --> 00:27:29,169
but I think I guarantee that anyone

639
00:27:27,549 --> 00:27:30,579
who's seen this will then go away and

640
00:27:29,170 --> 00:27:31,779
you won't look at a newspaper again the

641
00:27:30,579 --> 00:27:32,949
same way you will look at a new story

642
00:27:31,779 --> 00:27:34,960
online again the same way because you'll

643
00:27:32,950 --> 00:27:36,610
be hunting for who put it there and

644
00:27:34,960 --> 00:27:39,370
trying to question for motivation yeah

645
00:27:36,609 --> 00:27:42,969
exactly yeah yeah yeah it's great work

646
00:27:39,369 --> 00:27:44,649
and really glad you can make it what is

647
00:27:42,970 --> 00:27:46,029
it so you've been here all weekend which

648
00:27:44,650 --> 00:27:47,410
you take away what's the best talk

649
00:27:46,029 --> 00:27:50,619
what's your favorite talk aside from

650
00:27:47,410 --> 00:27:53,620
your own I thought Beatrice her talk on

651
00:27:50,619 --> 00:27:55,569
from chi Kappa the the Italian skeptics

652
00:27:53,619 --> 00:27:57,519
about that the stuff they're doing to

653
00:27:55,569 --> 00:28:00,909
teach critical think the children how

654
00:27:57,519 --> 00:28:02,799
you can help kids learn science by

655
00:28:00,910 --> 00:28:05,050
giving them a prospect like fire walking

656

00:28:02,799 --> 00:28:06,490
and give them the problem and have them

657
00:28:05,049 --> 00:28:07,599
selves take the problem apart and then

658
00:28:06,490 --> 00:28:09,549
come up with their own theories and

659
00:28:07,599 --> 00:28:10,539
figure out how it works and myself I

660
00:28:09,549 --> 00:28:12,519
thought was just really really great

661
00:28:10,539 --> 00:28:13,690
work I'm so impressed all the time by

662
00:28:12,519 --> 00:28:16,180
the Italian skeptics I think they're

663
00:28:13,690 --> 00:28:18,400
great for Hans Rosling was brilliant um

664
00:28:16,180 --> 00:28:20,560
Haley Stevens a very good friend of mine

665
00:28:18,400 --> 00:28:22,030
she's always excellent she's against let

666
00:28:20,559 --> 00:28:23,919
everyone say that this morning it was

667
00:28:22,029 --> 00:28:25,809
yes fantastic well she's just someone

668
00:28:23,920 --> 00:28:28,210
who's got such an approachable and warm

669
00:28:25,809 --> 00:28:30,279
and friendly demeanor and but she and

670
00:28:28,210 --> 00:28:31,720

behind all that and you even people

671

00:28:30,279 --> 00:28:33,220

would dismiss it very easily sometimes

672

00:28:31,720 --> 00:28:34,930

behind that they don't realize that

673

00:28:33,220 --> 00:28:38,670

there's a huge wealth of knowledge and

674

00:28:34,930 --> 00:28:40,570

work okay say they were great talks and

675

00:28:38,670 --> 00:28:42,370

overall the weekend you've met some

676

00:28:40,569 --> 00:28:44,230

great people had had good conversations

677

00:28:42,369 --> 00:28:45,519

anything stuck out all well I mean every

678

00:28:44,230 --> 00:28:47,259

time you can come to an event where

679

00:28:45,519 --> 00:28:50,259

you're speaking with skeptics from

680

00:28:47,259 --> 00:28:52,150

outside of your own country boundaries

681

00:28:50,259 --> 00:28:53,289

or even your language boundaries I think

682

00:28:52,150 --> 00:28:55,750

it's incredibly important because so

683

00:28:53,289 --> 00:28:57,970

easy to to be caught up in the notion

684

00:28:55,750 --> 00:28:59,259

that skepticism is an english-speaking

685
00:28:57,970 --> 00:29:01,390
phenomenon it's something happens in

686
00:28:59,259 --> 00:29:03,160
Australia and America and England and

687
00:29:01,390 --> 00:29:05,380
it's just great to see that it just

688
00:29:03,160 --> 00:29:06,730
happens across the you know Europe we

689
00:29:05,380 --> 00:29:07,810
had so many from countries represented

690
00:29:06,730 --> 00:29:09,730
and this great work happening all over

691
00:29:07,809 --> 00:29:11,169
yeah and yeah the language barrier is a

692
00:29:09,730 --> 00:29:13,000
huge thing actually because you don't

693
00:29:11,170 --> 00:29:14,470
see outside of it and it's actually it's

694
00:29:13,000 --> 00:29:17,829
interesting even going to something like

695
00:29:14,470 --> 00:29:19,420
tan I've been to two towns now and it

696
00:29:17,829 --> 00:29:21,220
sort of feels like skepticism is America

697
00:29:19,420 --> 00:29:23,230
hmm and yeah so we're about to have the

698
00:29:21,220 --> 00:29:24,250
Australian skeptic conference and it's

699

00:29:23,230 --> 00:29:26,140

going to feel a little bit like

700

00:29:24,250 --> 00:29:28,029

skepticism is an Australian thing yeah

701

00:29:26,140 --> 00:29:29,620

caught up in urine area so the european

702

00:29:28,029 --> 00:29:31,899

conference congress they call it here

703

00:29:29,619 --> 00:29:33,159

has been interesting to see all these

704

00:29:31,900 --> 00:29:35,620

different nations and their different

705

00:29:33,160 --> 00:29:37,029

ways and they're so sort of isolated by

706

00:29:35,619 --> 00:29:38,479

their language because they've got to

707

00:29:37,029 --> 00:29:40,069

reach their own public

708

00:29:38,480 --> 00:29:42,200

it's been an experience that's that's a

709

00:29:40,069 --> 00:29:43,668

great insight thank you so much for

710

00:29:42,200 --> 00:29:45,110

taking the time to talk with me no

711

00:29:43,669 --> 00:29:48,250

thanks very much thank you and I can't

712

00:29:45,109 --> 00:29:48,250

wait till I see the next presentation

713

00:29:48,400 --> 00:29:54,590
okay so I have a cat Catherine de Jonge

714
00:29:51,619 --> 00:29:56,058
getting the green tea on from the

715
00:29:54,589 --> 00:29:57,168
Netherlands yes amsterdam the

716
00:29:56,058 --> 00:30:00,918
netherlands so why don't you tell

717
00:29:57,169 --> 00:30:04,130
everyone what you do I'm anna-lysa dist

718
00:30:00,919 --> 00:30:07,790
I'm and also I'm also the president of

719
00:30:04,130 --> 00:30:10,510
the Dutch society gets quackery and we

720
00:30:07,789 --> 00:30:17,298
organize symposiums we have a website

721
00:30:10,509 --> 00:30:19,970
called wwx alvarado tonnelle and we

722
00:30:17,298 --> 00:30:25,429
write a lot on our website debunking

723
00:30:19,970 --> 00:30:27,169
alternative medicine treatments we

724
00:30:25,429 --> 00:30:29,720
organize our symposium BF a magazine

725
00:30:27,169 --> 00:30:31,460
with a website what else we do we'll

726
00:30:29,720 --> 00:30:36,019
give a lot of love lectures we write

727
00:30:31,460 --> 00:30:37,548

articles to magazines and we are keeps

728

00:30:36,019 --> 00:30:41,900

is quite busy but what do you do with

729

00:30:37,548 --> 00:30:43,819

your spare time how do you keep up with

730

00:30:41,900 --> 00:30:47,000

all that keep the organization going

731

00:30:43,819 --> 00:30:50,740

read a lot react on twitter write

732

00:30:47,000 --> 00:30:54,079

letters to the editor of magazines of

733

00:30:50,740 --> 00:30:57,710

newspapers get things organized for the

734

00:30:54,079 --> 00:31:01,909

for the symposium it's a it's a nice

735

00:30:57,710 --> 00:31:05,870

movie yeah very very busy and this

736

00:31:01,910 --> 00:31:08,000

weekend you gave a talk on in pseudo

737

00:31:05,869 --> 00:31:11,029

scientific fiction fiction treatments

738

00:31:08,000 --> 00:31:13,779

because as an anesthetist I also worked

739

00:31:11,029 --> 00:31:16,190

for an addiction clinic where we

740

00:31:13,779 --> 00:31:18,950

detoxify heroine addicts under general

741

00:31:16,190 --> 00:31:21,558

anesthesia as a start of a clean life

742
00:31:18,950 --> 00:31:23,470
and I came in contact with a lot of

743
00:31:21,558 --> 00:31:26,450
addicts who had been fooled by

744
00:31:23,470 --> 00:31:28,160
alternative healers and quacks and I

745
00:31:26,450 --> 00:31:30,590
feel sorry for these people and

746
00:31:28,160 --> 00:31:32,240
something has to be done yeah so I don't

747
00:31:30,589 --> 00:31:34,428
like their lives fighting isn't hard

748
00:31:32,240 --> 00:31:37,009
enough already yes I'm especially

749
00:31:34,429 --> 00:31:38,509
fighting quacks and quickly in the

750
00:31:37,009 --> 00:31:42,709
addiction medicine

751
00:31:38,509 --> 00:31:45,588
and well so far at least one clinic is

752
00:31:42,709 --> 00:31:48,320
out of business because of my actions

753
00:31:45,588 --> 00:31:52,009
and fantastically trying to get some

754
00:31:48,319 --> 00:31:54,138
more this is great work so have you

755
00:31:52,009 --> 00:31:56,588
found this weekend overall and you take

756
00:31:54,138 --> 00:31:58,728
messages was your favorite talker

757
00:31:56,588 --> 00:32:02,448
presenting that's difficult to say they

758
00:31:58,729 --> 00:32:05,088
were also very different and oh very

759
00:32:02,449 --> 00:32:08,919
good in their own way I loved amy

760
00:32:05,088 --> 00:32:13,398
stephens this morning the ghost hunter

761
00:32:08,919 --> 00:32:16,429
with her stories that they're all grades

762
00:32:13,398 --> 00:32:19,698
and everybody had a good message and I

763
00:32:16,429 --> 00:32:22,129
had a good point to take home and as

764
00:32:19,699 --> 00:32:24,288
inspiration for the next year made any

765
00:32:22,128 --> 00:32:26,598
new friends a lots i made a lot of new

766
00:32:24,288 --> 00:32:29,808
friends too much to mention and i made a

767
00:32:26,598 --> 00:32:32,749
lot of notes and i wrote a lot of names

768
00:32:29,808 --> 00:32:34,999
and websites said that i'm going to look

769
00:32:32,749 --> 00:32:37,669
into the next few weeks and months and

770

00:32:34,999 --> 00:32:39,558
I've got plenty to do yes hey fix but I

771
00:32:37,669 --> 00:32:43,009
guess we will be seeing you again in

772
00:32:39,558 --> 00:32:47,088
2015 in London uh well if I'm not that

773
00:32:43,009 --> 00:32:49,068
I'll be there thank you yes I hope to be

774
00:32:47,088 --> 00:32:51,408
there myself yes so far away great

775
00:32:49,068 --> 00:32:55,128
wonderful thank you for your time okay

776
00:32:51,409 --> 00:32:57,349
you're right hey you guys so I'm sitting

777
00:32:55,128 --> 00:33:00,439
here the last day of the euro Scott euro

778
00:32:57,348 --> 00:33:03,708
skeptics Congress and I am with PJ who

779
00:33:00,440 --> 00:33:06,709
organized this year the 15th and with

780
00:33:03,709 --> 00:33:10,840
Michael heap who is currently just taken

781
00:33:06,709 --> 00:33:15,700
over the organization of the 16th in one

782
00:33:10,839 --> 00:33:17,139
in 2015 right right the 20 so that um

783
00:33:15,700 --> 00:33:19,390
how do you think things are going be

784
00:33:17,140 --> 00:33:22,480

Jenny June was as everything worked out

785

00:33:19,390 --> 00:33:24,520

as planned but you well everything

786

00:33:22,480 --> 00:33:27,220

hasn't worked as planned but everyone

787

00:33:24,519 --> 00:33:29,740

has had a great experience and that was

788

00:33:27,220 --> 00:33:32,350

the main goal in without coming so it

789

00:33:29,740 --> 00:33:34,960

takes to manage with that and now all I

790

00:33:32,349 --> 00:33:37,659

really want to say because I want to go

791

00:33:34,960 --> 00:33:40,210

to sleep cry too soon if they're very

792

00:33:37,660 --> 00:33:44,740

much good luck to Michael thank you

793

00:33:40,210 --> 00:33:47,470

energy I hope the best for you and I

794

00:33:44,740 --> 00:33:50,349

will try to be in London definitely good

795

00:33:47,470 --> 00:33:53,620

and I hope we make as good a job of it

796

00:33:50,349 --> 00:33:56,619

as you have but knowing the British will

797

00:33:53,619 --> 00:33:59,859

just muddle through somehow and it'll be

798

00:33:56,619 --> 00:34:02,489

all right on the night awesome job PJ

799

00:33:59,859 --> 00:34:06,399
it's been a fantastic weekend and

800

00:34:02,490 --> 00:34:07,839
Michael so you started planning you just

801

00:34:06,400 --> 00:34:10,059
you were up on stage then describing

802

00:34:07,839 --> 00:34:11,289
what's what you're putting together what

803

00:34:10,059 --> 00:34:12,460
were some of the names that you're

804

00:34:11,289 --> 00:34:14,559
hoping to hear you're going to start

805

00:34:12,460 --> 00:34:16,510
talking to them if you got some well

806

00:34:14,559 --> 00:34:20,170
some of the men's so that have come up

807

00:34:16,510 --> 00:34:24,340
our of course Richard Dawkins Simon

808

00:34:20,170 --> 00:34:28,240
Singh is a good possibility Ben Goldacre

809

00:34:24,340 --> 00:34:30,720
is very popular Ed's I danced of course

810

00:34:28,239 --> 00:34:33,908
in alternative medicine

811

00:34:30,719 --> 00:34:36,158
had somebody mentioned Steven law who's

812

00:34:33,909 --> 00:34:39,460
professor of philosophy and a prominent

813
00:34:36,159 --> 00:34:42,280
humanists and then we've had that

814
00:34:39,460 --> 00:34:49,539
Stephen Fry yes we've got him as well

815
00:34:42,280 --> 00:34:53,139
yes Stephen Fry and Tim Minchin under

816
00:34:49,539 --> 00:34:57,679
and brown as possible you know big stars

817
00:34:53,139 --> 00:35:00,650
yes so we will work on that

818
00:34:57,679 --> 00:35:02,929
so we've got two years do you know what

819
00:35:00,650 --> 00:35:07,119
date it will be only it's the first

820
00:35:02,929 --> 00:35:10,519
probably the third weekend in September

821
00:35:07,119 --> 00:35:11,640
2015 something like the 21st way to

822
00:35:10,519 --> 00:35:15,329
third

823
00:35:11,639 --> 00:35:18,359
ok so the third weekend September 2015

824
00:35:15,329 --> 00:35:19,500
so I'm sure that everyone listening but

825
00:35:18,360 --> 00:35:22,200
the skeptic lands got to do their best

826
00:35:19,500 --> 00:35:25,739
to make it oh it's going to be much

827

00:35:22,199 --> 00:35:31,500
bigger it's going to be fantastic thank

828
00:35:25,739 --> 00:35:34,019
you very much and we'll see here so I've

829
00:35:31,500 --> 00:35:36,269
just just accosted how long will you be

830
00:35:34,019 --> 00:35:37,980
we are going to be less than one minute

831
00:35:36,269 --> 00:35:39,960
you were leaving catch a plane right now

832
00:35:37,980 --> 00:35:41,190
but it's very important because you're

833
00:35:39,960 --> 00:35:42,840
coming to Australia I am coming to

834
00:35:41,190 --> 00:35:45,000
Australia why you come to Israel I'm

835
00:35:42,840 --> 00:35:47,100
coming for the indigenes matix Congress

836
00:35:45,000 --> 00:35:50,039
oh so you didn't commit a crime well I'm

837
00:35:47,099 --> 00:35:52,589
not gonna come in patterns have to

838
00:35:50,039 --> 00:35:54,179
govern so you're coming to the Congress

839
00:35:52,590 --> 00:35:56,789
I am and you're going to be talking

840
00:35:54,179 --> 00:35:58,589
about your field of research I'm going

841
00:35:56,789 --> 00:36:00,210

to be talking about various aspects of

842

00:35:58,590 --> 00:36:02,130

it yeah so I'm very much looking forward

843

00:36:00,210 --> 00:36:04,289

I'm doing various or the talks while I'm

844

00:36:02,130 --> 00:36:06,630

in the country or on quick idea how

845

00:36:04,289 --> 00:36:08,340

would I would if I knew but I know

846

00:36:06,630 --> 00:36:10,200

there's an email in my inbox waiting to

847

00:36:08,340 --> 00:36:12,090

be read now as I'm letting other people

848

00:36:10,199 --> 00:36:13,739

arrange the itinerary I've just said in

849

00:36:12,090 --> 00:36:15,660

fact me over I'll do talks anyone you

850

00:36:13,739 --> 00:36:17,250

would so I we're looking forward to so

851

00:36:15,659 --> 00:36:20,579

probably pop sale populations or

852

00:36:17,250 --> 00:36:22,769

something anything you know yeah that's

853

00:36:20,579 --> 00:36:25,590

absolutely great um can't wait to see

854

00:36:22,769 --> 00:36:27,869

you there um it's going to be at the end

855

00:36:25,590 --> 00:36:30,300

of november i'm leaving camera that

856
00:36:27,869 --> 00:36:31,739
sounds about right and yeah um yeah can

857
00:36:30,300 --> 00:36:35,340
we know i'm really looking for maybe our

858
00:36:31,739 --> 00:36:36,569
first trip to Oz so very excited we'll

859
00:36:35,340 --> 00:36:38,730
make sure we give you a good show around

860
00:36:36,570 --> 00:36:41,820
the area excellent right take this

861
00:36:38,730 --> 00:36:44,369
krista Cheers so I'm here we've got it

862
00:36:41,820 --> 00:36:46,830
from Norway and we're wandering the

863
00:36:44,369 --> 00:36:51,150
streets of Stockholm and after the last

864
00:36:46,829 --> 00:36:56,009
day of the 15th European skeptic

865
00:36:51,150 --> 00:36:58,079
Congress we're heading from we just had

866
00:36:56,010 --> 00:37:00,090
skeptics on the Bob the problem yeah

867
00:36:58,079 --> 00:37:01,829
skeptics in the restaurant kind of yeah

868
00:37:00,090 --> 00:37:05,760
a little dinner now we're going to an

869
00:37:01,829 --> 00:37:08,579
irish bar are we yep so to wrap up the

870
00:37:05,760 --> 00:37:10,890
weekend tell us tell us before we talk

871
00:37:08,579 --> 00:37:14,068
about the weekend what it is that you do

872
00:37:10,889 --> 00:37:15,028
in Norway at the moment no you tell us

873
00:37:14,068 --> 00:37:18,989
what you're studying at the moment were

874
00:37:15,028 --> 00:37:20,699
you working on um I am studying for a

875
00:37:18,989 --> 00:37:23,368
master's degree in science and

876
00:37:20,699 --> 00:37:24,689
technology in society and I'm really

877
00:37:23,369 --> 00:37:26,430
into everything that has to do with like

878
00:37:24,690 --> 00:37:28,108
public understanding of science and

879
00:37:26,429 --> 00:37:30,210
science journalism and science

880
00:37:28,108 --> 00:37:32,788
communication that's my thing right now

881
00:37:30,210 --> 00:37:35,460
and very important thing to the skeptic

882
00:37:32,789 --> 00:37:39,539
community yeah yeah communication I'm

883
00:37:35,460 --> 00:37:41,429
actually I've had a lot of what do you

884

00:37:39,539 --> 00:37:42,599
call it both tasks and things that I've

885
00:37:41,429 --> 00:37:43,768
been doing in the skeptic immunity for a

886
00:37:42,599 --> 00:37:45,150
few years now but now I'm kind of

887
00:37:43,768 --> 00:37:46,558
pulling out of all the formal things i'm

888
00:37:45,150 --> 00:37:47,789
still doing skeptics in the pub and

889
00:37:46,559 --> 00:37:50,910
stuff just not like organizing

890
00:37:47,789 --> 00:37:52,559
conferences yeah because i met you in

891
00:37:50,909 --> 00:37:56,699
the first I had no idea what you've been

892
00:37:52,559 --> 00:37:59,369
up to you you organize a group annoyed

893
00:37:56,699 --> 00:38:00,899
tell us you were the president of the of

894
00:37:59,369 --> 00:38:02,640
the Norwegian skeptic no agent skeptic

895
00:38:00,900 --> 00:38:04,769
yeah wow so you said off the Norwegian

896
00:38:02,639 --> 00:38:06,179
skeptics again a second time wasn't it

897
00:38:04,768 --> 00:38:08,699
yeah because the organization had been

898
00:38:06,179 --> 00:38:12,929

sleeping for like 15 years after after

899

00:38:08,699 --> 00:38:16,710

the old board sort of California we

900

00:38:12,929 --> 00:38:19,759

found at the skeptic thing and you had

901

00:38:16,710 --> 00:38:22,199

your own podcast well it's not my own

902

00:38:19,759 --> 00:38:24,119

your group yeah I was on the panel

903

00:38:22,199 --> 00:38:25,588

actually I'm saying all this apparently

904

00:38:24,119 --> 00:38:27,480

you've been on skeptics and a few times

905

00:38:25,588 --> 00:38:29,518

now yeah I think it's been three times

906

00:38:27,480 --> 00:38:31,559

okay I think so so this is all new to me

907

00:38:29,518 --> 00:38:33,989

but everyone's just going oh I'm worried

908

00:38:31,559 --> 00:38:35,880

yeah we know haha hopefully hahaha

909

00:38:33,989 --> 00:38:38,068

nothing can go back and listen to the

910

00:38:35,880 --> 00:38:40,170

episode where talk about fish dead fish

911

00:38:38,068 --> 00:38:42,239

in Norway that's a good episode ok

912

00:38:40,170 --> 00:38:45,450

they're not what we who is your

913
00:38:42,239 --> 00:38:47,639
favourite talk of this weekend I think I

914
00:38:45,449 --> 00:38:49,439
might have to say Hans Rosling and a son

915
00:38:47,639 --> 00:38:50,940
that was really fun I loved how they

916
00:38:49,440 --> 00:38:52,619
present statistics and like their

917
00:38:50,940 --> 00:38:54,599
mission about spreading knowledge in

918
00:38:52,619 --> 00:38:56,640
society they're very constructive about

919
00:38:54,599 --> 00:38:58,740
it they really think about like how this

920
00:38:56,639 --> 00:39:01,239
information is useful to who is useful

921
00:38:58,739 --> 00:39:03,129
or to whom it's useful

922
00:39:01,239 --> 00:39:07,379
and yeah that was a fail to highlight

923
00:39:03,130 --> 00:39:10,119
yeah yeah it's fantastic talk as

924
00:39:07,380 --> 00:39:12,460
everyone knows everyone knows Hans and

925
00:39:10,119 --> 00:39:14,559
his presentation styles fantastic yeah I

926
00:39:12,460 --> 00:39:15,490
agree it's the what they're trying to do

927
00:39:14,559 --> 00:39:17,889
with it and the fact they're being

928
00:39:15,489 --> 00:39:19,750
practical yeah and really are you stuck

929
00:39:17,889 --> 00:39:21,099
there yeah it's great of course there

930
00:39:19,750 --> 00:39:25,539
were a lot of great talks i also love

931
00:39:21,099 --> 00:39:29,230
them marsh Michael Marshalls talk yeah

932
00:39:25,539 --> 00:39:32,279
he talked about PR and and journalism

933
00:39:29,230 --> 00:39:34,360
which was good it was cleared up a few

934
00:39:32,280 --> 00:39:36,850
news stories that were not really news

935
00:39:34,360 --> 00:39:38,619
stories dis commercials yes and Haley's

936
00:39:36,849 --> 00:39:43,179
stories from hunting ghosts were great

937
00:39:38,619 --> 00:39:44,530
Haley Stevens that was great um Chris

938
00:39:43,179 --> 00:39:46,059
friends talking about his book I thought

939
00:39:44,530 --> 00:39:47,350
he had a lot of interesting points I'm

940
00:39:46,059 --> 00:39:50,049
really looking forward to reading that

941

00:39:47,349 --> 00:39:52,599
book oh great he was the in australia

942
00:39:50,050 --> 00:39:55,000
soon oh cool so I'm talking at our

943
00:39:52,599 --> 00:39:56,589
conference so that's a great later

944
00:39:55,000 --> 00:39:58,480
hopefully lots of listeners will be

945
00:39:56,590 --> 00:40:02,800
turning up to the conference and I get

946
00:39:58,480 --> 00:40:05,289
to meet more people recommended so good

947
00:40:02,800 --> 00:40:08,050
weekend definitely finishing on a big

948
00:40:05,289 --> 00:40:14,039
night tonight Goku an Irish bar what's

949
00:40:08,050 --> 00:40:14,039
not over yet okay bye

950
00:40:26,010 --> 00:40:29,830
have you heard the one about how the

951
00:40:27,880 --> 00:40:31,360
Illuminati in conjunction with the US

952
00:40:29,829 --> 00:40:33,219
government are hiding the existence of

953
00:40:31,360 --> 00:40:35,590
aliens in order to ensure the supply of

954
00:40:33,219 --> 00:40:36,849
helium is kept low although the CIA the

955
00:40:35,590 --> 00:40:38,620

militant wing of the Freemasons are

956

00:40:36,849 --> 00:40:40,059

working with the elders of zion to take

957

00:40:38,619 --> 00:40:42,579

control of the population of the world

958

00:40:40,059 --> 00:40:44,349

through fluoridated chemtrails canberra

959

00:40:42,579 --> 00:40:45,849

skeptics incorporated on behalf of the

960

00:40:44,349 --> 00:40:47,529

shadow government will be massing an

961

00:40:45,849 --> 00:40:50,079

array of dark forces for the australian

962

00:40:47,530 --> 00:40:51,850

skeptics national convention 2013 this

963

00:40:50,079 --> 00:40:53,440

convention has conspired to coincide

964

00:40:51,849 --> 00:40:55,779

with 50th anniversary of the

965

00:40:53,440 --> 00:40:57,460

assassination of John F Kennedy possibly

966

00:40:55,780 --> 00:40:59,470

the most famous conspiracy theory of all

967

00:40:57,460 --> 00:41:01,329

time if you've ever wanted to learn

968

00:40:59,469 --> 00:41:03,250

about the truth behind the death of JFK

969

00:41:01,329 --> 00:41:05,139

what makes for a good conspiracy theory

970
00:41:03,250 --> 00:41:07,150
and why they are so prevalent Canberra

971
00:41:05,139 --> 00:41:08,889
skeptics invites you to attend that is

972
00:41:07,150 --> 00:41:11,920
of course should you choose to accept it

973
00:41:08,889 --> 00:41:14,500
come to national skeptics convention org

974
00:41:11,920 --> 00:41:16,650
and just remember they will be watching

975
00:41:14,500 --> 00:41:16,650
you

976
00:41:26,298 --> 00:41:29,869
thank you for listening to the skeptic

977
00:41:28,369 --> 00:41:31,818
zone and thank you for those people who

978
00:41:29,869 --> 00:41:34,160
have been listening for five years now

979
00:41:31,818 --> 00:41:36,679
and thank you to those people who chip

980
00:41:34,159 --> 00:41:41,348
in less than a dollar a week and you can

981
00:41:36,679 --> 00:41:44,059
do that by visiting w WC eptic zone TV

982
00:41:41,349 --> 00:41:47,059
greatly appreciated and it really does

983
00:41:44,059 --> 00:41:48,349
help keep the show going coming up on

984
00:41:47,059 --> 00:41:50,839
the skeptic zone we're going to be

985
00:41:48,349 --> 00:41:52,880
finding out more about the latest our

986
00:41:50,838 --> 00:41:55,998
news concerning the Australian

987
00:41:52,880 --> 00:41:58,338
anti-vaccination network or whatever the

988
00:41:55,998 --> 00:42:01,159
game to call themselves who knows more

989
00:41:58,338 --> 00:42:04,369
from Maynard more from Stefan and more

990
00:42:01,159 --> 00:42:07,188
from our good friends in Victoria the

991
00:42:04,369 --> 00:42:08,599
Victorian skeptics but until then I

992
00:42:07,188 --> 00:42:12,588
think it's time for me to have a good

993
00:42:08,599 --> 00:42:14,509
lie down sure why not until next time

994
00:42:12,588 --> 00:42:19,909
this is Richard Saunders signing off

995
00:42:14,509 --> 00:42:22,188
from Melbourne Australia you've been

996
00:42:19,909 --> 00:42:26,748
listening to the skeptic zone visit our

997
00:42:22,188 --> 00:42:29,208
website at www.skeptics.org on TV for

998

00:42:26,748 --> 00:42:31,868
comments contacts and extra video

999
00:42:29,208 --> 00:42:31,868
reports

1000
00:42:50,210 --> 00:42:52,269
you