

The Skeptic Zone

Show 123  
25.Feb.2011

**Martin Plowman**

1  
00:00:12,580 --> 00:00:09,110  
welcome to the skeptic zone the podcast

2  
00:00:16,430 --> 00:00:12,590  
from Australia for science and reason

3  
00:00:26,060 --> 00:00:16,440  
yuria hosts Richard Saunders and Stefan

4  
00:00:28,400 --> 00:00:26,070  
psycho well well well Richard it's great

5  
00:00:30,500 --> 00:00:28,410  
to be back in the zone again today are

6  
00:00:32,810 --> 00:00:30,510  
you Stefan I'm glad I've caught up with

7  
00:00:35,180 --> 00:00:32,820  
you because you know it's a bit sad I

8  
00:00:37,940 --> 00:00:35,190  
hear that there's this asteroid coming

9  
00:00:39,799 --> 00:00:37,950  
around and basically we're all toast are

10  
00:00:42,069 --> 00:00:39,809  
a bit about that so hi this is our last

11  
00:00:44,600 --> 00:00:42,079  
little get together before it's all over

12  
00:00:46,340 --> 00:00:44,610  
well not really because it's not going

13  
00:00:48,560 --> 00:00:46,350

to hit us for many many years and even

14

00:00:50,000 --> 00:00:48,570

then it's not gonna hit us right it's

15

00:00:52,400 --> 00:00:50,010

like a failure in years or something

16

00:00:56,569 --> 00:00:52,410

well this is interesting it there's a

17

00:00:58,819 --> 00:00:56,579

slim slim slim like potato chip with and

18

00:01:00,770 --> 00:00:58,829

slim chance that I an asteroid by the

19

00:01:02,720 --> 00:01:00,780

name of Apophis will come and slam us

20

00:01:05,179 --> 00:01:02,730

all let's give it a couple of decades

21

00:01:06,980 --> 00:01:05,189

give it a bit of a scare maybe yeah yeah

22

00:01:08,480 --> 00:01:06,990

girl get the press talk yep fox news

23

00:01:11,690 --> 00:01:08,490

talking about it for a while of course

24

00:01:14,899 --> 00:01:11,700

yeah luckily though we've got a friend

25

00:01:17,120 --> 00:01:14,909

of ours dr. Steve Roberts yes skeptic

26

00:01:19,340 --> 00:01:17,130

who was on the show a few weeks ago he

27

00:01:22,940 --> 00:01:19,350

went on radio here in Australia in

28

00:01:24,530 --> 00:01:22,950

Adelaide to dispel our fears oh thank

29

00:01:27,080 --> 00:01:24,540

goodness for that just for you had me

30

00:01:28,490 --> 00:01:27,090

going there for a while yeah it's all

31

00:01:32,060 --> 00:01:28,500

rights different and I let's look at

32

00:01:33,410 --> 00:01:32,070

it's also zone number 123 123 on the

33

00:01:36,230 --> 00:01:33,420

twenty-fifth of february you know that's

34

00:01:38,030 --> 00:01:36,240

almost 123 on the 45th of february which

35

00:01:39,530 --> 00:01:38,040

would be one two three four five but

36

00:01:41,030 --> 00:01:39,540

it's not quite and that would have been

37

00:01:41,899 --> 00:01:41,040

like some sort of numerology thing you

38

00:01:44,120 --> 00:01:41,909

know it would have freaked me out even

39

00:01:47,569 --> 00:01:44,130

the 45th of febr doesn't come up very

40

00:01:49,700 --> 00:01:47,579

on that about every freaky I can't

41

00:01:52,460 --> 00:01:49,710

remember the last time there are 40 50

42

00:01:54,139 --> 00:01:52,470

febr so and besides all that water is

43

00:01:55,880 --> 00:01:54,149

actually happening on this actual show

44

00:01:57,139 --> 00:01:55,890

well that Steve Roberts and his

45

00:01:58,670 --> 00:01:57,149

interview which is really interesting

46

00:02:01,850 --> 00:01:58,680

about this asteroids coming up a bit

47

00:02:03,830 --> 00:02:01,860

later but before we get to that Maynard

48

00:02:05,990 --> 00:02:03,840

we've let me not out of the his cage

49

00:02:08,240 --> 00:02:06,000

like using loose they let him loose and

50

00:02:09,600 --> 00:02:08,250

he chats to a very interesting bloke

51  
00:02:11,400 --> 00:02:09,610  
very interesting

52  
00:02:15,090 --> 00:02:11,410  
by the name of Martin Plowman who has

53  
00:02:18,150 --> 00:02:15,100  
written extensively on UFOs and traveled

54  
00:02:20,670 --> 00:02:18,160  
the world to find all the UFO hot spots

55  
00:02:22,740 --> 00:02:20,680  
Wow and what and he's actually well he's

56  
00:02:26,280 --> 00:02:22,750  
written a PA he's got a PhD or something

57  
00:02:29,490 --> 00:02:26,290  
about it he has a UFO PhD there's more

58  
00:02:31,080 --> 00:02:29,500  
letters in that about whether they exist

59  
00:02:32,760 --> 00:02:31,090  
or where they don't know is he's kind of

60  
00:02:35,880 --> 00:02:32,770  
looking at the phenomenon us I think he

61  
00:02:38,040 --> 00:02:35,890  
is I think he is he's because it is it's

62  
00:02:39,870 --> 00:02:38,050  
an interesting you can't ignore it no

63  
00:02:41,670 --> 00:02:39,880

you can't something's happening out

64

00:02:45,050 --> 00:02:41,680

there whether everyone's mistaken or

65

00:02:47,340 --> 00:02:45,060

there are millions of UFOs what do we

66

00:02:48,420 --> 00:02:47,350

look at it yeah even if it's a

67

00:02:50,160 --> 00:02:48,430

psychological thing you've got to

68

00:02:51,600 --> 00:02:50,170

address it and say well what why what

69

00:02:53,729 --> 00:02:51,610

people thinking like they're going on

70

00:02:55,560 --> 00:02:53,739

why do they think like this and and and

71

00:02:57,030 --> 00:02:55,570

why do they thing like this after so

72

00:02:59,010 --> 00:02:57,040

many so many decades that we've been

73

00:03:00,720 --> 00:02:59,020

hearing about it and still we haven't

74

00:03:02,910 --> 00:03:00,730

had that we all we've seen is it all

75

00:03:04,770 --> 00:03:02,920

happen in movies no aliens have actually

76

00:03:06,660 --> 00:03:04,780

stepped out and gone on TV and said well

77

00:03:08,250 --> 00:03:06,670

we here I wish they would I wish they

78

00:03:11,250 --> 00:03:08,260

would I wish they would turn out here

79

00:03:15,210 --> 00:03:11,260

busting I hereby welcome our new alien

80

00:03:17,340 --> 00:03:15,220

overlords please come and leave out

81

00:03:20,160 --> 00:03:17,350

however if we can have some more items

82

00:03:22,440 --> 00:03:20,170

oh hell yes like a better leader than we

83

00:03:25,080 --> 00:03:22,450

have now if it would be good now what

84

00:03:27,780 --> 00:03:25,090

else is going on well you know um dr.

85

00:03:30,479 --> 00:03:27,790

rachey just the other day she went and

86

00:03:32,280 --> 00:03:30,489

she was a guest speaker at a very

87

00:03:36,090 --> 00:03:32,290

interesting event here in city called

88

00:03:37,949 --> 00:03:36,100

the Battle of big thinking ah yeah I've

89

00:03:39,660 --> 00:03:37,959

actually got the fly here that's that's

90

00:03:43,050 --> 00:03:39,670

pretty a pretty impressive a bit of a

91

00:03:46,140 --> 00:03:43,060

bit of a think fest it was a think fest

92

00:03:47,400 --> 00:03:46,150

very well said I think fest lots of very

93

00:03:49,410 --> 00:03:47,410

interesting people came along we're

94

00:03:51,210 --> 00:03:49,420

going to play a little clip of what

95

00:03:53,100 --> 00:03:51,220

Rachel had the society talked as well

96

00:03:55,050 --> 00:03:53,110

she spoke there she was not just

97

00:03:58,140 --> 00:03:55,060

thinking no no she talked she thought

98

00:04:00,120 --> 00:03:58,150

out loud goodness me she was her talk

99

00:04:02,759 --> 00:04:00,130

went for 15 minutes I think she's going

100

00:04:04,500 --> 00:04:02,769

to be using that it again but anyway

101  
00:04:07,530 --> 00:04:04,510  
we've got a little snippet ah excellent

102  
00:04:08,580 --> 00:04:07,540  
no I love those snippets love those

103  
00:04:10,170 --> 00:04:08,590  
things here you get all these great

104  
00:04:12,569 --> 00:04:10,180  
minds getting together and sort of

105  
00:04:14,880 --> 00:04:12,579  
kicking around ideas the MC was Julian

106  
00:04:16,860 --> 00:04:14,890  
morrow from lara chaser didn't we see

107  
00:04:18,630 --> 00:04:16,870  
him just a little while he was at em at

108  
00:04:21,240 --> 00:04:18,640  
a very special event he was he was a

109  
00:04:22,830 --> 00:04:21,250  
temp and after that i chat to another

110  
00:04:24,689 --> 00:04:22,840  
guest speaker there by the name of

111  
00:04:28,020 --> 00:04:24,699  
rob campbell who gave a very interesting

112  
00:04:30,810 --> 00:04:28,030  
talk about how important it is to get

113  
00:04:32,900 --> 00:04:30,820

lots of experience Oh think in lots of

114

00:04:35,850 --> 00:04:32,910

different area oh you're gonna verify

115

00:04:38,670 --> 00:04:35,860

diversifying what they call a polymath

116

00:04:40,320 --> 00:04:38,680

poly to become a polymath yes and

117

00:04:42,150 --> 00:04:40,330

because i saw a program about that on

118

00:04:43,650 --> 00:04:42,160

Ted just recently this woman was saying

119

00:04:45,810 --> 00:04:43,660

the same thing she said she's an expert

120

00:04:47,490 --> 00:04:45,820

but she really doesn't like the whole

121

00:04:49,740 --> 00:04:47,500

idea of experts because they tend to

122

00:04:51,719 --> 00:04:49,750

become form silos of their own in

123

00:04:53,760 --> 00:04:51,729

specialist fields they end up killing

124

00:04:54,840 --> 00:04:53,770

themselves yeah all about the same thing

125

00:04:57,270 --> 00:04:54,850

and interesting she's actually looking

126

00:04:59,790 --> 00:04:57,280

for more diverse views in all sorts of

127

00:05:01,350 --> 00:04:59,800

areas well I mean in the skeptics which

128

00:05:03,480 --> 00:05:01,360

we will speak about in this little

129

00:05:07,219 --> 00:05:03,490

interview we look up to someone like

130

00:05:09,420 --> 00:05:07,229

Benjamin Franklin example yeah also stop

131

00:05:11,240 --> 00:05:09,430

and a lot of the stuff that's happening

132

00:05:13,920 --> 00:05:11,250

now is it like those synergies between

133

00:05:16,379 --> 00:05:13,930

specialties so you get your biochemist

134

00:05:18,120 --> 00:05:16,389

talking to like your material scientists

135

00:05:19,770 --> 00:05:18,130

and stuff and working out whereas see

136

00:05:22,320 --> 00:05:19,780

how they used to be stuck in asylum or

137

00:05:24,029 --> 00:05:22,330

they the engineers talk to you know

138

00:05:26,909 --> 00:05:24,039

mathematicians or stralla jizz or what

139

00:05:29,190 --> 00:05:26,919

astrologist astronomers now that is the

140

00:05:31,680 --> 00:05:29,200

percentage ll diversify yeah well that

141

00:05:33,420 --> 00:05:31,690

stuff it's it's exciting times now I'm

142

00:05:34,950 --> 00:05:33,430

just going to mention a few things some

143

00:05:39,089 --> 00:05:34,960

people have been writing to me oh boy

144

00:05:40,529 --> 00:05:39,099

all I have no entry is packed it is it I

145

00:05:42,060 --> 00:05:40,539

couldn't even fill it in the room I

146

00:05:44,279 --> 00:05:42,070

don't think I'll you didn't you I i

147

00:05:46,560 --> 00:05:44,289

found i think we embrace it two iphones

148

00:05:49,529 --> 00:05:46,570

with memory form or the UL i'm getting

149

00:05:51,420 --> 00:05:49,539

uh there's a project called thank hitch

150

00:05:54,839 --> 00:05:51,430

ah this is for christopher hitchens

151  
00:05:57,180 --> 00:05:54,849  
whose am right i don't know i don't like

152  
00:05:59,040 --> 00:05:57,190  
this term who's battling cancer and I

153  
00:06:01,080 --> 00:05:59,050  
mean he has it is experiencing is

154  
00:06:02,700 --> 00:06:01,090  
experiencing yeah you do battle it I

155  
00:06:05,760 --> 00:06:02,710  
didn't get through it all right he's

156  
00:06:12,240 --> 00:06:05,770  
battling cancer easy look if you go to

157  
00:06:17,010 --> 00:06:12,250  
ww mi skeptics so Miss skeptics or mi

158  
00:06:19,469 --> 00:06:17,020  
skeptics org slash thank hyphen hitch or

159  
00:06:21,120 --> 00:06:19,479  
if you just Google thank hitch you can

160  
00:06:22,860 --> 00:06:21,130  
find out more about that they're asking

161  
00:06:24,659 --> 00:06:22,870  
for people to send in little videos and

162  
00:06:27,390 --> 00:06:24,669  
things well wishes and things I don't

163  
00:06:29,129 --> 00:06:27,400

most yes or basically saying you know

164

00:06:31,170 --> 00:06:29,139

Christopher Hitchens actually made a

165

00:06:32,580 --> 00:06:31,180

difference in my life excellent you're

166

00:06:34,770 --> 00:06:32,590

asked those prayers I gotta help much

167

00:06:35,390 --> 00:06:34,780

not much that but if you contribute so

168

00:06:37,640 --> 00:06:35,400

papi

169

00:06:39,290 --> 00:06:37,650

i perk him up a lot well and I think

170

00:06:42,499 --> 00:06:39,300

it's a good thing for other people to

171

00:06:44,450 --> 00:06:42,509

see to now just this week I was a guest

172

00:06:47,390 --> 00:06:44,460

on an interesting podcast called meet

173

00:06:51,080 --> 00:06:47,400

the skeptics are you at I was meet the

174

00:06:55,999 --> 00:06:51,090

skeptics at HTTP colon slash slash meet

175

00:06:58,340 --> 00:06:56,009

the skeptics lip sin el I be sy n calm

176

00:07:00,890 --> 00:06:58,350

you can you get around Richard well

177

00:07:02,689 --> 00:07:00,900

thanks to the Internet ah and also I'd

178

00:07:04,640 --> 00:07:02,699

like to give a shout out to a lovely

179

00:07:08,810 --> 00:07:04,650

lady by the name of Kim Peters and her

180

00:07:11,659 --> 00:07:08,820

son Harry who came to visit dr. hu and I

181

00:07:14,120 --> 00:07:11,669

last week now she's a listener from the

182

00:07:16,100 --> 00:07:14,130

far west of New South Wales Wow and

183

00:07:18,529 --> 00:07:16,110

Harry comes in she brings in hairy a

184

00:07:21,080 --> 00:07:18,539

couple of times a year for medical

185

00:07:23,180 --> 00:07:21,090

attention but she took time out to a

186

00:07:24,890 --> 00:07:23,190

nice afternoon and had a lovely chat can

187

00:07:28,370 --> 00:07:24,900

it was lovely to meet you thanks a lot

188

00:07:30,830 --> 00:07:28,380

hello Kim hello Kim hello Harry finally

189

00:07:34,939 --> 00:07:30,840

finally how good friend Brian brushwood

190

00:07:37,430 --> 00:07:34,949

from scam school dot TV his latest

191

00:07:40,670 --> 00:07:37,440

episode is all about power balance

192

00:07:42,830 --> 00:07:40,680

bracelets ah don't you love the 10 bands

193

00:07:48,379 --> 00:07:42,840

power band I've been body slammed lately

194

00:07:50,089 --> 00:07:48,389

heaven oh and it's just uh oh wow yeah

195

00:07:51,680 --> 00:07:50,099

what a Charlotte's I think we should get

196

00:07:53,300 --> 00:07:51,690

on with it scrappy that was probably the

197

00:07:54,980 --> 00:07:53,310

longest intro we've ever done I think it

198

00:08:08,250 --> 00:07:54,990

does let's cut it short right now look

199

00:08:17,200 --> 00:08:12,630

years may not spooky action at a

200

00:08:22,159 --> 00:08:20,120

level 7 interstate 80 hello Anna it's

201  
00:08:25,550 --> 00:08:22,169  
may not here I want to speak to that UFO

202  
00:08:29,150 --> 00:08:25,560  
goofball husband Martin Plowman room 6

203  
00:08:33,980 --> 00:08:29,160  
okay no it's Maynard ah but I will be

204  
00:08:36,110 --> 00:08:33,990  
Priscilla if you want to hello it's been

205  
00:08:38,690 --> 00:08:36,120  
a tentative award Martin Plowman in room

206  
00:08:41,029 --> 00:08:38,700  
6 hi Martin Plowman you don't know his

207  
00:08:42,469 --> 00:08:41,039  
partners name perhaps uh no I don't know

208  
00:08:44,720 --> 00:08:42,479  
I'm no I don't think she's written a

209  
00:08:48,740 --> 00:08:44,730  
book about UFOs so I probably shouldn't

210  
00:08:50,480 --> 00:08:48,750  
be talking to her let me find out ok I

211  
00:08:51,920 --> 00:08:50,490  
think we're dealing with a case of alien

212  
00:08:59,060 --> 00:08:51,930  
abduction here that's very interesting

213  
00:09:00,440 --> 00:08:59,070

but hold on think they have the right to

214

00:09:01,910 --> 00:09:00,450

smash I'll put you through are you sure

215

00:09:08,889 --> 00:09:01,920

it isn't a case of alien abduction we

216

00:09:12,369 --> 00:09:10,989

oh wait up I was told that you didn't

217

00:09:13,869 --> 00:09:12,379

exist that never heard of you and this

218

00:09:15,340 --> 00:09:13,879

conversation never happened I'll let

219

00:09:18,519 --> 00:09:15,350

that happens all the folks of it I know

220

00:09:19,960 --> 00:09:18,529

look at so put this Martin Plowman or if

221

00:09:22,299 --> 00:09:19,970

that is your real name that you're

222

00:09:23,769 --> 00:09:22,309

riding under is that a nom de plume look

223

00:09:25,569 --> 00:09:23,779

I must explain what's happening here

224

00:09:27,970 --> 00:09:25,579

your wife has just had a baby is that

225

00:09:30,009 --> 00:09:27,980

correct yes that is correct and you are

226

00:09:31,689 --> 00:09:30,019

there doing an interview next to her

227

00:09:33,879 --> 00:09:31,699

when she's probably got better things

228

00:09:35,739 --> 00:09:33,889

she could be listening to oh not sure

229

00:09:37,150 --> 00:09:35,749

about our baby he's looking at us but

230

00:09:38,710 --> 00:09:37,160

he's either close so how's that work hit

231

00:09:40,749 --> 00:09:38,720

asleep look this might have been an

232

00:09:42,999 --> 00:09:40,759

alien abduction situation because you

233

00:09:44,530 --> 00:09:43,009

said ring the hospital I ring the

234

00:09:45,819 --> 00:09:44,540

hospital they've never heard of you or

235

00:09:48,579 --> 00:09:45,829

your wife and they didn't even know who

236

00:09:50,470 --> 00:09:48,589

I was experienced any missing time

237

00:09:51,999 --> 00:09:50,480

Martin ready that started happened it's

238

00:09:53,859 --> 00:09:52,009

usually about three in the morning where

239

00:09:55,210 --> 00:09:53,869

we have to change nappies that's when

240

00:09:56,739 --> 00:09:55,220

you think you've really been abducted

241

00:09:58,179 --> 00:09:56,749

yeah yeah what's a child's name what

242

00:10:01,079 --> 00:09:58,189

name you going with his name is

243

00:10:03,249 --> 00:10:01,089

Palmerston so named him after cheese

244

00:10:05,230 --> 00:10:03,259

though in every after an island in the

245

00:10:06,790 --> 00:10:05,240

South Pacific I'm talking to Martin

246

00:10:09,519 --> 00:10:06,800

Plowman because he's the author of the

247

00:10:12,460 --> 00:10:09,529

UFO Diaries travels in the weird world

248

00:10:13,689 --> 00:10:12,470

of high strangeness of UFO sightings now

249

00:10:15,939 --> 00:10:13,699

I haven't had time to read the whole

250

00:10:18,489 --> 00:10:15,949

book but I have had a good read about

251  
00:10:21,429 --> 00:10:18,499  
you talking about the ancient astronaut

252  
00:10:23,590 --> 00:10:21,439  
theory oh yeah where do you sit on the

253  
00:10:25,840 --> 00:10:23,600  
whole thing just explain your journey

254  
00:10:28,090 --> 00:10:25,850  
and what you were thinking before you

255  
00:10:30,730 --> 00:10:28,100  
started the whole journey and how you

256  
00:10:32,350 --> 00:10:30,740  
became a believer or non-believer at the

257  
00:10:35,079 --> 00:10:32,360  
end of it this whole thing started as

258  
00:10:36,819 --> 00:10:35,089  
part of my my PhD I did a PhD in

259  
00:10:39,100 --> 00:10:36,829  
cultural studies down here at Melbourne

260  
00:10:40,900 --> 00:10:39,110  
Uni and I was running a history of

261  
00:10:43,540 --> 00:10:40,910  
people's beliefs in UFOs and part of

262  
00:10:45,189 --> 00:10:43,550  
that research i felt that i really had

263  
00:10:48,119 --> 00:10:45,199

to go to the places around the world

264

00:10:51,369 --> 00:10:48,129

where people think or claim or or

265

00:10:52,809 --> 00:10:51,379

utterly believes that UFOs have landed

266

00:10:55,360 --> 00:10:52,819

it had some sort of impact and so all

267

00:10:57,730 --> 00:10:55,370

these places are ancient ceremonial and

268

00:11:00,910 --> 00:10:57,740

ruin sites like the pyramids in mexico

269

00:11:02,829 --> 00:11:00,920

temples in / in peru in other places

270

00:11:04,480 --> 00:11:02,839

like that the Nazca lines is another

271

00:11:06,129 --> 00:11:04,490

really famous place these lines from

272

00:11:08,019 --> 00:11:06,139

that clearly be seen from the sky now

273

00:11:09,850 --> 00:11:08,029

that is so cool I'd like to get onto

274

00:11:12,280 --> 00:11:09,860

about that led about your theories on

275

00:11:13,600 --> 00:11:12,290

that but continue the story and I met

276

00:11:15,970 --> 00:11:13,610

lots of people around the world who told

277

00:11:18,129 --> 00:11:15,980

me many very full on intense stories

278

00:11:20,590 --> 00:11:18,139

that I think they believed completely I

279

00:11:22,670 --> 00:11:20,600

don't know I'm an agnostic I tried to

280

00:11:23,930 --> 00:11:22,680

keep an impartial point of

281

00:11:26,180 --> 00:11:23,940

because I was writing a history of it

282

00:11:28,340 --> 00:11:26,190

I'm fascinated by the stories and I love

283

00:11:30,019 --> 00:11:28,350

hearing about about the way to try to

284

00:11:32,030 --> 00:11:30,029

make sense of these encounters they have

285

00:11:34,160 --> 00:11:32,040

all these anomalies in history if you

286

00:11:37,700 --> 00:11:34,170

like it skeptics always say that the

287

00:11:40,010 --> 00:11:37,710

plural of anecdotes is not data and but

288

00:11:41,810 --> 00:11:40,020

but then again I would also say that

289

00:11:43,190 --> 00:11:41,820

everybody seems to be experiencing

290

00:11:45,740 --> 00:11:43,200

something and there is a commonality

291

00:11:47,090 --> 00:11:45,750

between them what does the commonality

292

00:11:48,740 --> 00:11:47,100

you found between these people that has

293

00:11:51,050 --> 00:11:48,750

experiences seeing and maybe even

294

00:11:52,820 --> 00:11:51,060

meeting weird things i have to admit it

295

00:11:55,370 --> 00:11:52,830

as much as there's some continuity as

296

00:11:57,829 --> 00:11:55,380

some sort of common threads to the

297

00:12:00,949 --> 00:11:57,839

stories there's also heaps of quite

298

00:12:02,840 --> 00:12:00,959

bizarre and and utterly singular and

299

00:12:04,370 --> 00:12:02,850

unheard of things that people have

300

00:12:07,550 --> 00:12:04,380

described ufos in all different shapes

301  
00:12:09,170 --> 00:12:07,560  
and forms ranging from beach balls to

302  
00:12:11,480 --> 00:12:09,180  
doughnuts with the icing on top you know

303  
00:12:12,620 --> 00:12:11,490  
from everybody is it's that's that

304  
00:12:14,810 --> 00:12:12,630  
encounter with something they can't

305  
00:12:16,579 --> 00:12:14,820  
explain and that's a very human response

306  
00:12:17,870 --> 00:12:16,589  
to try to come to grips with that try to

307  
00:12:19,550 --> 00:12:17,880  
work out what the hell just happened

308  
00:12:20,660 --> 00:12:19,560  
that's amazing seeing that look in

309  
00:12:22,310 --> 00:12:20,670  
people's eyes when they're when they

310  
00:12:24,050 --> 00:12:22,320  
tell you that they're there are their

311  
00:12:25,699 --> 00:12:24,060  
stories their encounters well so these

312  
00:12:29,180 --> 00:12:25,709  
obvious that they believe what they've

313  
00:12:31,250 --> 00:12:29,190

seen lately and so if it is say some

314

00:12:33,410 --> 00:12:31,260

psychological aberration that's

315

00:12:35,420 --> 00:12:33,420

happening the world over why would that

316

00:12:36,829 --> 00:12:35,430

be going on some skeptics will say and

317

00:12:38,840 --> 00:12:36,839

maybe they've got a point i don't know i

318

00:12:40,970 --> 00:12:38,850

try to keep away from making those sort

319

00:12:42,670 --> 00:12:40,980

of judgments but look one thing i think

320

00:12:44,690 --> 00:12:42,680

for sure is that UFOs have really really

321

00:12:46,070 --> 00:12:44,700

existed in the sense that we think of

322

00:12:48,500 --> 00:12:46,080

them now as being things from outer

323

00:12:49,610 --> 00:12:48,510

space since the late 1940s and that's

324

00:12:51,740 --> 00:12:49,620

got a lot to do with the fact that

325

00:12:53,120 --> 00:12:51,750

that's when our own technology had gone

326

00:12:55,010 --> 00:12:53,130

up to that place where we could actually

327

00:12:56,960 --> 00:12:55,020

start looking outside of our own planet

328

00:12:58,760 --> 00:12:56,970

and imagining what we'd do if we were

329

00:13:00,199 --> 00:12:58,770

elsewhere and i think this is a sort of

330

00:13:01,519 --> 00:13:00,209

that imagination turned back on

331

00:13:02,990 --> 00:13:01,529

ourselves what would they do if they

332

00:13:05,420 --> 00:13:03,000

came here so obviously you're

333

00:13:07,220 --> 00:13:05,430

encountering particularly in Peru and in

334

00:13:09,319 --> 00:13:07,230

South America you would be encountering

335

00:13:11,510 --> 00:13:09,329

a lot of the ancient astronaut theories

336

00:13:14,390 --> 00:13:11,520

yet which that the what people refer to

337

00:13:15,769 --> 00:13:14,400

as gods were in fact well maybe beings

338

00:13:17,360 --> 00:13:15,779

that were perhaps more technological

339

00:13:19,010 --> 00:13:17,370

developed the international theory is

340

00:13:20,720 --> 00:13:19,020

that things like the pyramids of the

341

00:13:22,550 --> 00:13:20,730

Nazca lines that look like they could

342

00:13:24,620 --> 00:13:22,560

have been built by people who did have

343

00:13:26,329 --> 00:13:24,630

technology like the wheel girly have

344

00:13:29,000 --> 00:13:26,339

been done with the help of aliens that's

345

00:13:31,610 --> 00:13:29,010

the theory I've been to these places and

346

00:13:32,990 --> 00:13:31,620

look at they are amazing they blow your

347

00:13:35,030 --> 00:13:33,000

mind away especially the Nazca lines

348

00:13:36,380 --> 00:13:35,040

which are this huge collection of like

349

00:13:38,450 --> 00:13:36,390

shapes like coming bird

350

00:13:40,040 --> 00:13:38,460

and monkeys and huge long runways it

351

00:13:41,890 --> 00:13:40,050

does look like aircraft landing strips

352

00:13:44,420 --> 00:13:41,900

I've also heard that those lines are

353

00:13:46,280 --> 00:13:44,430

possible lines towards where water is

354

00:13:48,410 --> 00:13:46,290

and things like that as what do you

355

00:13:50,000 --> 00:13:48,420

think is the possible go for them I look

356

00:13:51,350 --> 00:13:50,010

I don't know there's actually no one's

357

00:13:53,360 --> 00:13:51,360

been able to explain them completely

358

00:13:54,800 --> 00:13:53,370

like they're even the best mainstream

359

00:13:56,870 --> 00:13:54,810

archaeological theories are still just

360

00:13:58,070 --> 00:13:56,880

guesses so whoever made them had a good

361

00:14:00,530 --> 00:13:58,080

reason I just don't know what it is

362

00:14:02,330 --> 00:14:00,540

nello what was the strangest place you

363

00:14:04,130 --> 00:14:02,340

visited you've been around the world you

364

00:14:06,170 --> 00:14:04,140

visited some very strange places with

365

00:14:08,930 --> 00:14:06,180

UFO activity I mean to use another world

366

00:14:10,760 --> 00:14:08,940

what was the spookiest haha because

367

00:14:12,770 --> 00:14:10,770

because that is a scientific word I mean

368

00:14:14,510 --> 00:14:12,780

you know you do get spooked in these

369

00:14:16,730 --> 00:14:14,520

places either and even if you're trying

370

00:14:18,560 --> 00:14:16,740

to remain you know impartial it's

371

00:14:20,000 --> 00:14:18,570

difficult you're absolutely right there

372

00:14:21,680 --> 00:14:20,010

may not it even when you're not wanting

373

00:14:24,020 --> 00:14:21,690

to believe you can still get freaked out

374

00:14:26,810 --> 00:14:24,030

some parts of Mexico Mexico has got one

375

00:14:28,430 --> 00:14:26,820

of the biggest counts of UFOs in at the

376

00:14:29,930 --> 00:14:28,440

moment sort of if you had a UFO Geiger

377

00:14:31,910 --> 00:14:29,940

counter he brought in Mexico it got an

378

00:14:33,730 --> 00:14:31,920

inning inning inning in like that

379

00:14:36,230 --> 00:14:33,740

it's a very interesting country but in

380

00:14:37,910 --> 00:14:36,240

oaxaca city in the south me and my

381

00:14:40,460 --> 00:14:37,920

partner priscilla before we were

382

00:14:42,470 --> 00:14:40,470

pregnant we met a couple down there who

383

00:14:44,420 --> 00:14:42,480

had had their own child and everything

384

00:14:46,010 --> 00:14:44,430

but they claimed and they totally

385

00:14:48,140 --> 00:14:46,020

believed this that they couldn't get

386

00:14:50,690 --> 00:14:48,150

pregnant until one of them was abducted

387

00:14:52,250 --> 00:14:50,700

by aliens which they were very grateful

388

00:14:54,080 --> 00:14:52,260

for and it look they were otherwise

389

00:14:56,210 --> 00:14:54,090

really normal friendly nice people and

390

00:14:57,860 --> 00:14:56,220

they just told this story like it was

391

00:15:00,530 --> 00:14:57,870

sort of things you talk about over

392

00:15:02,420 --> 00:15:00,540

dinner table conversation at was spooky

393

00:15:04,940 --> 00:15:02,430

that was freaky it's basically part of

394

00:15:06,530 --> 00:15:04,950

their lifestyle yeah totally yeah for a

395

00:15:07,970 --> 00:15:06,540

lot of people it changes their whole

396

00:15:09,170 --> 00:15:07,980

life and funds for the better you know

397

00:15:10,880 --> 00:15:09,180

some people get really scared and

398

00:15:12,680 --> 00:15:10,890

freaked out like they'll spend years

399

00:15:14,030 --> 00:15:12,690

trying to come to terms of what the

400

00:15:16,580 --> 00:15:14,040

experience but for a lot of other people

401  
00:15:18,290 --> 00:15:16,590  
it's it's quite a firming experience I

402  
00:15:21,050 --> 00:15:18,300  
think I've noticed a way that UFOs are

403  
00:15:23,210 --> 00:15:21,060  
looked at in South America would be a

404  
00:15:25,250 --> 00:15:23,220  
good example and do you think maybe here

405  
00:15:27,530 --> 00:15:25,260  
in more in north america and in

406  
00:15:29,420 --> 00:15:27,540  
Australia and in parts of Europe we made

407  
00:15:31,190 --> 00:15:29,430  
me need to get over this UFO block and

408  
00:15:33,350 --> 00:15:31,200  
maybe look into what it is and if it

409  
00:15:34,640 --> 00:15:33,360  
isn't something flying around the sky it

410  
00:15:36,080 --> 00:15:34,650  
is something else that needs to be

411  
00:15:37,640 --> 00:15:36,090  
looked at and not dismissed as people

412  
00:15:39,650 --> 00:15:37,650  
going me be immediate I think that's a

413  
00:15:41,230 --> 00:15:39,660

great idea you know I know the man to do

414

00:15:44,300 --> 00:15:41,240

it I met a shamans is like a magic

415

00:15:46,100 --> 00:15:44,310

magician in Mexico who was right into

416

00:15:48,440 --> 00:15:46,110

that sort of stuff like he was bringing

417

00:15:50,329 --> 00:15:48,450

the UFOs into your life and and you'll

418

00:15:52,040 --> 00:15:50,339

get over it maybe he could hold

419

00:15:54,079 --> 00:15:52,050

is about this stuff it would be great

420

00:15:56,749 --> 00:15:54,089

and Shimon have always had the good

421

00:15:59,090 --> 00:15:56,759

stuff as well yeah did you have a chance

422

00:16:00,769 --> 00:15:59,100

to do any of the peyote or the

423

00:16:02,480 --> 00:16:00,779

equivalent while they were there no I

424

00:16:03,920 --> 00:16:02,490

had coffee with them it was it was nice

425

00:16:06,980 --> 00:16:03,930

I have probably would be the best coffee

426  
00:16:08,929 --> 00:16:06,990  
the shame and have the best coffee and

427  
00:16:11,329 --> 00:16:08,939  
I'm not talking about the 9th early 90s

428  
00:16:13,639 --> 00:16:11,339  
de bandied although there was a good

429  
00:16:15,110 --> 00:16:13,649  
song that's right yeah yeah Emily we

430  
00:16:16,549 --> 00:16:15,120  
could play it right now that I think

431  
00:16:25,329 --> 00:16:16,559  
we'll just have just a little bit of the

432  
00:16:29,809 --> 00:16:27,739  
that was a request from Martin Plowman

433  
00:16:32,179 --> 00:16:29,819  
or through the UFO Diaries there now

434  
00:16:33,679 --> 00:16:32,189  
what music did you actually listen what

435  
00:16:35,179 --> 00:16:33,689  
did you listen on your iPod or something

436  
00:16:37,879 --> 00:16:35,189  
when you at these places to get an

437  
00:16:40,040 --> 00:16:37,889  
atmospheric mood going or was there

438  
00:16:42,650 --> 00:16:40,050

enough happening already I'd known I

439

00:16:45,350 --> 00:16:42,660

turned the music of one place in Bolivia

440

00:16:47,030 --> 00:16:45,360

into was this mount this isolated

441

00:16:48,829 --> 00:16:47,040

mountain stuff that's got all these

442

00:16:50,749 --> 00:16:48,839

carvings on this is a sort of massive

443

00:16:52,429 --> 00:16:50,759

stone dome on the top of the mountain

444

00:16:54,410 --> 00:16:52,439

that's got this year these strange

445

00:16:57,079 --> 00:16:54,420

carvings like the zigzag runways and

446

00:16:59,030 --> 00:16:57,089

concentric circles and up on top of that

447

00:17:00,860 --> 00:16:59,040

you had all these clouds rushing

448

00:17:04,309 --> 00:17:00,870

overhead and the rain forest all around

449

00:17:06,110 --> 00:17:04,319

you you know it was so atmospheric even

450

00:17:08,059 --> 00:17:06,120

there's anything else that was something

451  
00:17:10,220 --> 00:17:08,069  
else and getting back to trying to

452  
00:17:11,840 --> 00:17:10,230  
remain impartial and seeing all these

453  
00:17:14,480 --> 00:17:11,850  
amazing things that most of us don't get

454  
00:17:17,059 --> 00:17:14,490  
to see all around the world when people

455  
00:17:18,679 --> 00:17:17,069  
dismiss UFOs just out of hand straight

456  
00:17:20,090 --> 00:17:18,689  
away does that make you feel a bit like

457  
00:17:21,769 --> 00:17:20,100  
there are the missing out on something

458  
00:17:23,750 --> 00:17:21,779  
or they're being closed-minded yeah it

459  
00:17:25,100 --> 00:17:23,760  
does I don't want to defend your focus

460  
00:17:28,159 --> 00:17:25,110  
since I want to prove that they exist

461  
00:17:29,960 --> 00:17:28,169  
and you know serve everybody wrong but

462  
00:17:31,639 --> 00:17:29,970  
but I think or the other hand just kind

463  
00:17:33,980 --> 00:17:31,649

of seeing that it's the whole idea of

464

00:17:35,419 --> 00:17:33,990

UFOs is below the level of interesting

465

00:17:36,889 --> 00:17:35,429

study ought to be thought about I reckon

466

00:17:38,899 --> 00:17:36,899

that is very closed-minded because this

467

00:17:40,850 --> 00:17:38,909

is a list of subculture that's been

468

00:17:43,370 --> 00:17:40,860

around for I don't know 60 70 years its

469

00:17:45,080 --> 00:17:43,380

global it's always changing it you know

470

00:17:46,580 --> 00:17:45,090

things don't have to be real to have

471

00:17:48,529 --> 00:17:46,590

real impact in the world and I think

472

00:17:50,450 --> 00:17:48,539

UFOs are a perfect example that you've

473

00:17:53,269 --> 00:17:50,460

gone around the world to the earth UFO

474

00:17:55,220 --> 00:17:53,279

hot spots if any of us had to go to a

475

00:17:57,169 --> 00:17:55,230

place that was the easiest one is there

476

00:17:58,730 --> 00:17:57,179

a good one within Australia we could

477

00:18:00,680 --> 00:17:58,740

even go to locally or was there another

478

00:18:02,670 --> 00:18:00,690

one you'd recommend it's easy to get to

479

00:18:04,500 --> 00:18:02,680

and well worth it oh look yes try

480

00:18:07,080 --> 00:18:04,510

he's got a few but they did him to be in

481

00:18:09,390 --> 00:18:07,090

the outback I know in about a month in

482

00:18:12,240 --> 00:18:09,400

the territory there's a big UFO festival

483

00:18:14,460 --> 00:18:12,250

and wycliff wells which is a Roadhouse

484

00:18:16,440 --> 00:18:14,470

caravan park in the desert I think that

485

00:18:18,270 --> 00:18:16,450

has a lot of UFO sightings I think the

486

00:18:20,880 --> 00:18:18,280

Blue Mountains has had a reputation also

487

00:18:22,650 --> 00:18:20,890

for having all UFOs it shifts though you

488

00:18:24,060 --> 00:18:22,660

may know that so it's not always what

489

00:18:25,770 --> 00:18:24,070

was big in the seventies isn't big now

490

00:18:27,870 --> 00:18:25,780

well what about internationally is the

491

00:18:29,820 --> 00:18:27,880

place we could guarantee to go for a bit

492

00:18:31,830 --> 00:18:29,830

of a high strangeness because you know I

493

00:18:34,440 --> 00:18:31,840

like a bit of high strange that's

494

00:18:36,510 --> 00:18:34,450

particularly on a Saturday night what is

495

00:18:38,310 --> 00:18:36,520

the International place you could go to

496

00:18:40,290 --> 00:18:38,320

and geeking out and you really suck on

497

00:18:42,300 --> 00:18:40,300

the strangeness pipe Roswell in New

498

00:18:44,940 --> 00:18:42,310

Mexico where your phone it to crash to

499

00:18:46,680 --> 00:18:44,950

947 that's strange now isn't that still

500

00:18:48,780 --> 00:18:46,690

a bit cliché I thought they were moved

501  
00:18:50,550 --> 00:18:48,790  
on there yeah look it is in a way but it

502  
00:18:53,490 --> 00:18:50,560  
is a bit cliched but it's also kind of

503  
00:18:55,410 --> 00:18:53,500  
fun elispot would be a wheelchair in the

504  
00:18:57,330 --> 00:18:55,420  
United Kingdom that's where all the crop

505  
00:18:59,190 --> 00:18:57,340  
circles are seen as a pub in the middle

506  
00:19:01,320 --> 00:18:59,200  
of the country out there called the

507  
00:19:03,900 --> 00:19:01,330  
barge in and that's the unofficial hang

508  
00:19:05,970 --> 00:19:03,910  
on a minute it's called the barge in

509  
00:19:07,590 --> 00:19:05,980  
that's right there's a canal right

510  
00:19:09,540 --> 00:19:07,600  
behind it where the barges pull up hence

511  
00:19:12,270 --> 00:19:09,550  
the note of course there are the English

512  
00:19:13,890 --> 00:19:12,280  
that's a spooky place that great stuff

513  
00:19:15,720 --> 00:19:13,900

to Martin slamming you've had the

514

00:19:18,630 --> 00:19:15,730

experience with the UFOs how do you now

515

00:19:20,370 --> 00:19:18,640

sit with other paranormal how do you sit

516

00:19:22,290 --> 00:19:20,380

with people that allege they've seen

517

00:19:24,870 --> 00:19:22,300

ghosts how do you sit with people that

518

00:19:28,710 --> 00:19:24,880

claim psychic abilities I mean are you

519

00:19:30,210 --> 00:19:28,720

now much more believer in astrology oh I

520

00:19:31,770 --> 00:19:30,220

like tarot cards though they're kind of

521

00:19:33,750 --> 00:19:31,780

fun up particular when you get the

522

00:19:35,850 --> 00:19:33,760

upside down death cash yeah you don't

523

00:19:37,080 --> 00:19:35,860

know what to think yeah you can say is

524

00:19:38,550 --> 00:19:37,090

all it's gonna be great change in your

525

00:19:40,860 --> 00:19:38,560

life then that's very you can mystically

526

00:19:42,840 --> 00:19:40,870

yes so does that mean you are now more

527

00:19:45,300 --> 00:19:42,850

accepting of all general things that are

528

00:19:46,560 --> 00:19:45,310

outside no I'm still pretty agnostic you

529

00:19:47,760 --> 00:19:46,570

know in the sense that I think the

530

00:19:49,530 --> 00:19:47,770

stories are interesting and I like

531

00:19:51,150 --> 00:19:49,540

hearing about them but I don't think I'm

532

00:19:53,280 --> 00:19:51,160

accepting in the sense that oh yeah

533

00:19:55,860 --> 00:19:53,290

signed me up for a chakra realignment

534

00:19:58,050 --> 00:19:55,870

camp in through town or something else

535

00:20:00,270 --> 00:19:58,060

that could be fun but I'm not right now

536

00:20:01,920 --> 00:20:00,280

though is your wife at this or your your

537

00:20:04,770 --> 00:20:01,930

new baby in fact at this moment wearing

538

00:20:06,840 --> 00:20:04,780

a tinfoil hat uh yeah they gave it one

539

00:20:08,460 --> 00:20:06,850

birth actually that's what he doesn't

540

00:20:10,650 --> 00:20:08,470

like it though that's a progressive

541

00:20:12,990 --> 00:20:10,660

hospital rachie Martin you weren't

542

00:20:14,640 --> 00:20:13,000

tempted to make the middle name of your

543

00:20:15,610 --> 00:20:14,650

child anything to do with your travels

544

00:20:18,690 --> 00:20:15,620

for you

545

00:20:20,980 --> 00:20:18,700

oh come on peyote is a great middle name

546

00:20:23,200 --> 00:20:20,990

but what is the one thought you'd like

547

00:20:24,580 --> 00:20:23,210

to leave us with with the UFO Diaries

548

00:20:26,110 --> 00:20:24,590

like I said you've been around the world

549

00:20:28,210 --> 00:20:26,120

do all these hot spots of strangeness

550

00:20:29,530 --> 00:20:28,220

what's the message one should take away

551

00:20:31,630 --> 00:20:29,540

from your book after reading it and

552

00:20:33,490 --> 00:20:31,640

having your mind kind of blown prepared

553

00:20:36,070 --> 00:20:33,500

of your mind blown things that unreal

554

00:20:37,870 --> 00:20:36,080

doesn't mean that they are amazing and

555

00:20:39,370 --> 00:20:37,880

they don't need to be listened to that's

556

00:20:41,140 --> 00:20:39,380

what I want people to think about yeah

557

00:20:42,280 --> 00:20:41,150

that makes sense nothing else you want

558

00:20:44,200 --> 00:20:42,290

to add at the end of the interview then

559

00:20:45,820 --> 00:20:44,210

I I just want to say on behalf of

560

00:20:47,980 --> 00:20:45,830

everybody here at the role Melbourne

561

00:20:50,380 --> 00:20:47,990

Hospital hello and thank you to all

562

00:20:52,720 --> 00:20:50,390

those stuff is hot for transferring a

563

00:20:54,520 --> 00:20:52,730

call through look I'm glad Martin that

564

00:20:56,320 --> 00:20:54,530

you are real and I'm glad you have been

565

00:20:58,270 --> 00:20:56,330

abducted and not a figment of my

566

00:20:59,770 --> 00:20:58,280

imagination no we can test that maybe

567

00:21:11,440 --> 00:20:59,780

some other templates let's go without

568

00:21:19,909 --> 00:21:14,389

dr. Richard Wiseman talks about his new

569

00:21:22,490 --> 00:21:19,919

book paranormal a--they paranormal t is

570

00:21:25,100 --> 00:21:22,500

all about what paranormal experiences

571

00:21:27,919 --> 00:21:25,110

tell us about your brain your beliefs

572

00:21:30,499 --> 00:21:27,929

and your everyday behavior why it is

573

00:21:32,509 --> 00:21:30,509

that some people see ghosts how psychics

574

00:21:35,360 --> 00:21:32,519

appeared to know all about you and how

575

00:21:37,070 --> 00:21:35,370

brainwashing works once you understand

576

00:21:38,740 --> 00:21:37,080

the psychology behind these amazing

577

00:21:41,690 --> 00:21:38,750

phenomenon you can create them yourself

578

00:21:43,759 --> 00:21:41,700

and so the book explains for example how

579

00:21:46,070 --> 00:21:43,769

to have an outer body experience how to

580

00:21:49,129 --> 00:21:46,080

control your dreams and how to unleash

581

00:21:51,350 --> 00:21:49,139

the power of your unconscious mind it's

582

00:21:53,419 --> 00:21:51,360

fun to be fooled but it's even more fun

583

00:21:55,639 --> 00:21:53,429

to go backstage and discover the real

584

00:21:59,299 --> 00:21:55,649

science behind the paranormal and that's

585

00:22:04,389 --> 00:21:59,309

what paranor mallet E is all about for

586

00:22:14,570 --> 00:22:04,399

more information visit [www are a normal](http://www.areanormal.com)

587

00:22:16,310 --> 00:22:14,580

80.com to russian astronomers and the

588

00:22:21,590 --> 00:22:16,320

big apocalypse that could happen in

589

00:22:23,930 --> 00:22:21,600

april 1320 36 mmm you offered here these

590

00:22:25,070 --> 00:22:23,940

doors I remember the day that back in

591

00:22:28,930 --> 00:22:25,080

what I personally remember but I

592

00:22:31,009 --> 00:22:28,940

researched the day in 1976 when the

593

00:22:32,590 --> 00:22:31,019

clairvoyant said that a massive tidal

594

00:22:35,360 --> 00:22:32,600

wave was going to wipe out the entire

595

00:22:37,220 --> 00:22:35,370

adelaide coastline and don dunstan stood

596

00:22:38,269 --> 00:22:37,230

on the end of the jetty under there was

597

00:22:39,230 --> 00:22:38,279

happening happen eleven o'clock in the

598

00:22:41,539 --> 00:22:39,240

morning or something and he went

599

00:22:43,190 --> 00:22:41,549

denti-cal jetty and nothing but nothing

600

00:22:46,909 --> 00:22:43,200

happened we hear about these stories all

601  
00:22:48,379 --> 00:22:46,919  
the time and we're still here today to

602  
00:22:50,060 --> 00:22:48,389  
keep hearing more stories coming through

603  
00:22:51,980 --> 00:22:50,070  
if you know what I mean so quite often

604  
00:22:53,509 --> 00:22:51,990  
that I [\h\_\_\h] tribute we've got dr. Stephen

605  
00:22:55,220 --> 00:22:53,519  
Roberts on the line from the Australian

606  
00:22:57,259 --> 00:22:55,230  
skeptics to give his side of the story

607  
00:23:00,409 --> 00:22:57,269  
as well dr. Roberts thanks for your time

608  
00:23:01,610 --> 00:23:00,419  
hello Daniel yeah thanks mate and tell

609  
00:23:04,159 --> 00:23:01,620  
us about this I mean we just come from

610  
00:23:06,769 --> 00:23:04,169  
russian astronomers suggesting that an

611  
00:23:08,509 --> 00:23:06,779  
asteroid could come and hit the earth in

612  
00:23:10,310 --> 00:23:08,519  
twenty thirty six and completely what

613  
00:23:12,139 --> 00:23:10,320

the planet out I mean where do they come

614

00:23:13,639 --> 00:23:12,149

up with this sort of evidence was one

615

00:23:15,769 --> 00:23:13,649

Russian us probably just seeing the

616

00:23:17,810 --> 00:23:15,779

limelight and there is an e miss of an

617

00:23:19,430 --> 00:23:17,820

asteroid I can tell you chapter and

618

00:23:19,970 --> 00:23:19,440

verse on this is kind of it's called

619

00:23:24,020 --> 00:23:19,980

mass

620

00:23:25,669 --> 00:23:24,030

Apophis apo pH is yeah and obviously

621

00:23:28,190 --> 00:23:25,679

scientists track the orbits of asteroids

622

00:23:30,950 --> 00:23:28,200

all the time some sunk go quite near the

623

00:23:33,140 --> 00:23:30,960

earth the orbiter main loop around and

624

00:23:35,539 --> 00:23:33,150

they cost you this orbit some of them

625

00:23:37,100 --> 00:23:35,549

sometimes and if you have happens to be

626

00:23:39,799 --> 00:23:37,110

at that point it is all bit there'll be

627

00:23:42,620 --> 00:23:39,809

a near miss of the asteroid and this

628

00:23:44,780 --> 00:23:42,630

will happen next year in fact ok and

629

00:23:46,789 --> 00:23:44,790

I'll again in 20 29 and again in twenty

630

00:23:49,130 --> 00:23:46,799

thirty six and between 2009 well as a

631

00:23:50,960 --> 00:23:49,140

particularly in dms nexia is not a big

632

00:23:52,669 --> 00:23:50,970

deal but of course it makes you 2012

633

00:23:56,419 --> 00:23:52,679

movies in a panic about into the world

634

00:23:58,789 --> 00:23:56,429

anyway but in 20 29 if yes or it happens

635

00:24:00,850 --> 00:23:58,799

to pass through a particular window in

636

00:24:03,230 --> 00:24:00,860

space a particular key hole in space

637

00:24:06,380 --> 00:24:03,240

then when it comes back in twenty thirty

638

00:24:08,720 --> 00:24:06,390

six it will collide with the earth now

639

00:24:10,280 --> 00:24:08,730

the asuras already know this have now

640

00:24:13,100 --> 00:24:10,290

obviously watching out and when we

641

00:24:14,659 --> 00:24:13,110

reserve it next year 2012 will get an

642

00:24:16,010 --> 00:24:14,669

active it always and we can be put it

643

00:24:19,310 --> 00:24:16,020

when it'll go through that key on this

644

00:24:22,340 --> 00:24:19,320

base or not in 20 29 and then we have 17

645

00:24:24,950 --> 00:24:22,350

years to divert it if it will go through

646

00:24:27,620 --> 00:24:24,960

so many years is plenty of time in fact

647

00:24:29,090 --> 00:24:27,630

the circumstances so we can be sure it

648

00:24:30,799 --> 00:24:29,100

won't go through that key on it with a

649

00:24:32,960 --> 00:24:30,809

liner therefore be sure it won't collide

650

00:24:35,289 --> 00:24:32,970

with the earth and 2036 so what are the

651  
00:24:38,060 --> 00:24:35,299  
risks in 2012 like what absolutely

652  
00:24:39,830 --> 00:24:38,070  
though i come it'll go near the earth

653  
00:24:42,409 --> 00:24:39,840  
but lots of things go near the earth all

654  
00:24:45,310 --> 00:24:42,419  
the time and moby notices some most

655  
00:24:47,870 --> 00:24:45,320  
these asteroids that are near misses i

656  
00:24:49,640 --> 00:24:47,880  
detected on their way out you know when

657  
00:24:52,130 --> 00:24:49,650  
will you see how soy de need compute the

658  
00:24:53,780 --> 00:24:52,140  
orbit we think the last week that would

659  
00:24:55,850 --> 00:24:53,790  
have gone really close you know but we

660  
00:24:57,710 --> 00:24:55,860  
didn't know it we can't you come from

661  
00:25:00,860 --> 00:24:57,720  
the Sun you can't see them you come from

662  
00:25:02,539 --> 00:25:00,870  
that direction so if we did nothing with

663  
00:25:03,980 --> 00:25:02,549

our PO fist in the chances about one of

664

00:25:06,799 --> 00:25:03,990

the quarter of a million they'll hit us

665

00:25:08,600 --> 00:25:06,809

in twenty thirty six or Gorgonia off to

666

00:25:10,549 --> 00:25:08,610

do some damage but that's if we do

667

00:25:13,250 --> 00:25:10,559

nothing and we versus knew nothing we

668

00:25:15,799 --> 00:25:13,260

can do something so so how big is this

669

00:25:17,450 --> 00:25:15,809

though I mean the one in 250 million or

670

00:25:19,340 --> 00:25:17,460

whatever it is if that just happens to

671

00:25:21,049 --> 00:25:19,350

happen I mean how big is this Esther

672

00:25:22,460 --> 00:25:21,059

autumn how much damage could it do what

673

00:25:24,560 --> 00:25:22,470

it do what wouldn't a breakup and

674

00:25:26,390 --> 00:25:24,570

disintegrate before it hits us uh we're

675

00:25:28,250 --> 00:25:26,400

doing an enormous amount of damage if it

676

00:25:30,799 --> 00:25:28,260

were a hit oh it's my it's important to

677

00:25:32,240 --> 00:25:30,809

avoid it um I forget how big it could be

678

00:25:32,600 --> 00:25:32,250

five or ten can orders but you look at

679

00:25:34,610 --> 00:25:32,610

you know

680

00:25:37,910 --> 00:25:34,620

major to deleted earthquakes all over

681

00:25:39,980 --> 00:25:37,920

the place and um the fella heating up

682

00:25:41,780 --> 00:25:39,990

you know by teams of degrees very

683

00:25:45,140 --> 00:25:41,790

suddenly and then cooling down again it

684

00:25:47,030 --> 00:25:45,150

would do a huge amount of damage even if

685

00:25:49,970 --> 00:25:47,040

he misses and passes very close there

686

00:25:52,120 --> 00:25:49,980

could be minor damage so from toys

687

00:25:53,990 --> 00:25:52,130

raised or whatever lonely happen once

688

00:25:57,230 --> 00:25:54,000

these things must have happened in the

689

00:25:59,030 --> 00:25:57,240

past and everything's survived but some

690

00:26:02,510 --> 00:25:59,040

are maybe this at the end of the world

691

00:26:05,690 --> 00:26:02,520

and 2036 who knows does it link with

692

00:26:07,100 --> 00:26:05,700

anything more than just to do with the

693

00:26:09,890 --> 00:26:07,110

asteroid I mean to do these astronomers

694

00:26:13,159 --> 00:26:09,900

come up with the you know 20 30 got some

695

00:26:15,799 --> 00:26:13,169

sort of significance just a number any

696

00:26:17,990 --> 00:26:15,809

reason why they picked that day so

697

00:26:19,700 --> 00:26:18,000

that's the reason well the asteroids a

698

00:26:21,830 --> 00:26:19,710

piece of what was around a space where a

699

00:26:23,890 --> 00:26:21,840

piece of what was around in space and

700

00:26:26,930 --> 00:26:23,900

then the orbits are both stable and

701  
00:26:28,760 --> 00:26:26,940  
highly predictable you know the control

702  
00:26:31,490 --> 00:26:28,770  
by gravity of the Sun the planets and so

703  
00:26:33,500 --> 00:26:31,500  
on and they're all really very easy to

704  
00:26:36,590 --> 00:26:33,510  
calculate and you can see when the windy

705  
00:26:38,870 --> 00:26:36,600  
mrs. Whitaker it advanced using modern

706  
00:26:40,850 --> 00:26:38,880  
enough computing machinery that's just

707  
00:26:43,010 --> 00:26:40,860  
today that there happens to be amazing

708  
00:26:44,810 --> 00:26:43,020  
of it you were saying before that we get

709  
00:26:47,360 --> 00:26:44,820  
number of asteroids flying past the

710  
00:26:50,180 --> 00:26:47,370  
world very you know more often than we

711  
00:26:52,130 --> 00:26:50,190  
know I mean how how often do a stand how

712  
00:26:54,620 --> 00:26:52,140  
close do they go how often does an

713  
00:26:56,330 --> 00:26:54,630

asteroid fly past oh well given how you

714

00:27:00,560 --> 00:26:56,340

define past if it comes within the orbit

715

00:27:03,110 --> 00:27:00,570

of the moon say ya got me the less than

716

00:27:04,760 --> 00:27:03,120

once every 10 years but um if you're the

717

00:27:06,260 --> 00:27:04,770

sort of five times your bit of the moon

718

00:27:08,299 --> 00:27:06,270

I'm getting the figures here that might

719

00:27:10,580 --> 00:27:08,309

be every year or so or every couple of

720

00:27:12,980 --> 00:27:10,590

years right when to the next one will

721

00:27:15,250 --> 00:27:12,990

likely would be able to see while they

722

00:27:17,780 --> 00:27:15,260

come all the time as I say and the

723

00:27:19,400 --> 00:27:17,790

detected after the event and this is but

724

00:27:21,289 --> 00:27:19,410

it's more like comets the other comments

725

00:27:22,789 --> 00:27:21,299

come at random and yeah so I'd be in

726

00:27:24,140 --> 00:27:22,799

summer small and somebody can see and

727

00:27:26,900 --> 00:27:24,150

some you can't depends where they go

728

00:27:29,240 --> 00:27:26,910

listen to the Sun but some I don't know

729

00:27:31,010 --> 00:27:29,250

if we were to see this one next year it

730

00:27:33,140 --> 00:27:31,020

will be quite interesting if we can yeah

731

00:27:36,260 --> 00:27:33,150

but you're such a bit of seeing the

732

00:27:38,560 --> 00:27:36,270

telescope and so the local Swami society

733

00:27:40,700 --> 00:27:38,570

which will be putting on public viewings

734

00:27:43,760 --> 00:27:40,710

so the public can go along on piers

735

00:27:45,390 --> 00:27:43,770

orders go at it well I remember 1996 our

736

00:27:47,670 --> 00:27:45,400

account was i was up at alice spring

737

00:27:49,140 --> 00:27:47,680

a holiday I was 12 years old and I stood

738

00:27:50,520 --> 00:27:49,150

there for hours and hours about the big

739

00:27:52,290 --> 00:27:50,530

telescope binoculars that look for

740

00:27:55,110 --> 00:27:52,300

Halley's Comet and it came and went in

741

00:27:57,330 --> 00:27:55,120

about three seconds oh no is there all

742

00:27:58,970 --> 00:27:57,340

the time you saw a stone today as we

743

00:28:02,970 --> 00:27:58,980

second he was hanging of the sky right

744

00:28:04,740 --> 00:28:02,980

yeah I think yeah i took a poly view of

745

00:28:07,020 --> 00:28:04,750

how use common in the park in melbourne

746

00:28:09,060 --> 00:28:07,030

and them we had like a hundred thousand

747

00:28:11,160 --> 00:28:09,070

people shut up which is the 10

748

00:28:14,340 --> 00:28:11,170

telescopes Lee descended like a Mongol

749

00:28:17,040 --> 00:28:14,350

all my delicate but there was no no she

750

00:28:19,080 --> 00:28:17,050

couldn't mostly get a squid out it's

751

00:28:21,030 --> 00:28:19,090

only a sort of Haley starve is good to

752

00:28:23,190 --> 00:28:21,040

have seen it and my daughter was too at

753

00:28:25,830 --> 00:28:23,200

the time I got hurt us see so that when

754

00:28:27,750 --> 00:28:25,840

she's 86 you were to see it again right

755

00:28:30,210 --> 00:28:27,760

so my poor grandmother saw it twice he's

756

00:28:33,930 --> 00:28:30,220

cocked it now but she sought in 1910 it

757

00:28:35,490 --> 00:28:33,940

again 186 goodness me like I'm gonna 512

758

00:28:38,070 --> 00:28:35,500

to see that long twice does probably

759

00:28:40,640 --> 00:28:38,080

unlikely got a text 31 on our text

760

00:28:43,620 --> 00:28:40,650

number one triple 9 30 95 from a

761

00:28:46,230 --> 00:28:43,630

listener and what what is an asteroid

762

00:28:48,900 --> 00:28:46,240

he's asteroid between the orbit of Mars

763

00:28:50,970 --> 00:28:48,910

and Jupiter hmm there's a planet misiek

764

00:28:53,550 --> 00:28:50,980

there and there's a collection of small

765

00:28:54,990 --> 00:28:53,560

rocks orbiting the Sun each small biz

766

00:28:57,990 --> 00:28:55,000

like a planet and there's thousands and

767

00:29:00,600 --> 00:28:58,000

thousands of them and they're between us

768

00:29:03,570 --> 00:29:00,610

or one centimeters of thinking orders in

769

00:29:06,480 --> 00:29:03,580

size a couple of whoppers a size of the

770

00:29:08,820 --> 00:29:06,490

Earth Moon and they're basically either

771

00:29:11,520 --> 00:29:08,830

the debated your planet that was there

772

00:29:13,320 --> 00:29:11,530

and voc up or more likely a plan that

773

00:29:14,610 --> 00:29:13,330

just fail to stick together you know the

774

00:29:16,230 --> 00:29:14,620

rocks are there and all the other

775

00:29:18,180 --> 00:29:16,240

parents stuck together in time this one

776

00:29:20,580 --> 00:29:18,190

just didn't stick pulley stood up by the

777

00:29:22,860 --> 00:29:20,590

gravity of Jupiter so they just built as

778

00:29:25,140 --> 00:29:22,870

toys and of course they swing each other

779

00:29:26,520 --> 00:29:25,150

round by gravity at random and now then

780

00:29:29,720 --> 00:29:26,530

someone get out of the belt and come

781

00:29:31,950 --> 00:29:29,730

flying towards us or any other direction

782

00:29:33,510 --> 00:29:31,960

right from nellis also comes a lot of

783

00:29:36,180 --> 00:29:33,520

people listening as called through know

784

00:29:38,880 --> 00:29:36,190

what would happen if an asteroid decides

785

00:29:40,920 --> 00:29:38,890

we're talking about the Apophis or

786

00:29:42,960 --> 00:29:40,930

whatever it's that all what he hit the

787

00:29:45,210 --> 00:29:42,970

moon be in the movie be quite

788

00:29:47,190 --> 00:29:45,220

spectacular um you'll be to see it you

789

00:29:49,380 --> 00:29:47,200

see us are mighty splash of rock from

790

00:29:52,470 --> 00:29:49,390

the moon right and then in some days

791

00:29:54,060 --> 00:29:52,480

there be more dust on the earth for some

792

00:29:56,460 --> 00:29:54,070

years afterwards to be beautiful red

793

00:29:59,160 --> 00:29:56,470

sunsets as the dust sort of came to the

794

00:30:00,420 --> 00:29:59,170

US by gravity and settled

795

00:30:02,160 --> 00:30:00,430

settle back on the moon you see craters

796

00:30:04,140 --> 00:30:02,170

on the moon will have been mighty watts

797

00:30:05,670 --> 00:30:04,150

of asteroids in the past yeah but

798

00:30:07,650 --> 00:30:05,680

they're all times are like three billion

799

00:30:10,080 --> 00:30:07,660

years ago and there's been quiet since

800

00:30:12,680 --> 00:30:10,090

then but there was a voice on recorder

801  
00:30:15,180 --> 00:30:12,690  
late and early in a late bombardment

802  
00:30:18,120 --> 00:30:15,190  
which it wouldn't have been good to be

803  
00:30:19,140 --> 00:30:18,130  
around to see immediately objects

804  
00:30:21,900 --> 00:30:19,150  
colliding with the moon and the earth

805  
00:30:24,300 --> 00:30:21,910  
but those only know three billion years

806  
00:30:25,710 --> 00:30:24,310  
ago and not familiar any fun would hit

807  
00:30:27,480 --> 00:30:25,720  
the moon you there be able some dust

808  
00:30:30,960 --> 00:30:27,490  
would fall to the earth and that lead to

809  
00:30:32,400 --> 00:30:30,970  
fear severely with them the amount of

810  
00:30:34,530 --> 00:30:32,410  
sunlight reaching the surfaced you know

811  
00:30:36,330 --> 00:30:34,540  
we get beautiful red skies yeah and not

812  
00:30:39,080 --> 00:30:36,340  
much sunlight we get a bit darker the

813  
00:30:41,490 --> 00:30:39,090

bit colder and the bit achey Olivie

814

00:30:45,900 --> 00:30:41,500

climate changes of scale like you can't

815

00:30:46,980 --> 00:30:45,910

imagine then it's the same as if one hit

816

00:30:48,270 --> 00:30:46,990

the earth directly the same something

817

00:30:51,180 --> 00:30:48,280

will happen all the earthing to be dust

818

00:30:53,880 --> 00:30:51,190

on the earth on a bigger scale gem done

819

00:30:55,500 --> 00:30:53,890

we don't all die of some kind of climate

820

00:30:58,890 --> 00:30:55,510

change effect of the earth heating up

821

00:31:00,810 --> 00:30:58,900

from the asteroid building up himself or

822

00:31:03,170 --> 00:31:00,820

from lack of sunlight over 10 years

823

00:31:05,700 --> 00:31:03,180

scale or whatever I was just saying to

824

00:31:06,990 --> 00:31:05,710

look at a report on this and an S or

825

00:31:08,310 --> 00:31:07,000

estimates the energy from this

826

00:31:10,100 --> 00:31:08,320

particular asteroid if it did actually

827

00:31:12,390 --> 00:31:10,110

hit the earth would be like several

828

00:31:14,760 --> 00:31:12,400

several nuclear bombs hundreds of

829

00:31:16,710 --> 00:31:14,770

nuclear bombs together once so keep

830

00:31:20,100 --> 00:31:16,720

going a hundred is nothing those are

831

00:31:22,650 --> 00:31:20,110

like millions of baton bombs are totally

832

00:31:24,030 --> 00:31:22,660

pathetic compared to volcanic eruptions

833

00:31:25,980 --> 00:31:24,040

or the like that's the stuff of the

834

00:31:27,750 --> 00:31:25,990

earth and the thing is mandy who work

835

00:31:31,260 --> 00:31:27,760

the mast out you know work am a thousand

836

00:31:33,150 --> 00:31:31,270

done did you get a very big bank i'm

837

00:31:35,730 --> 00:31:33,160

told the doctors dr. stephen roberts

838

00:31:37,710 --> 00:31:35,740

from the Australian skeptics in regards

839

00:31:39,150 --> 00:31:37,720

to maybe the thread of an asteroid

840

00:31:41,780 --> 00:31:39,160

hitting the earth when x 25 years you

841

00:31:44,790 --> 00:31:41,790

mentioned climate change a little bit

842

00:31:46,340 --> 00:31:44,800

Dr. Roberts in regards to this your

843

00:31:49,110 --> 00:31:46,350

general thought about climate change is

844

00:31:50,370 --> 00:31:49,120

called it will you yeah if your sales

845

00:31:53,010 --> 00:31:50,380

kept these are not climate change

846

00:31:55,080 --> 00:31:53,020

skeptics there's people going around to

847

00:31:57,330 --> 00:31:55,090

a poo pulling the idea that climate

848

00:31:59,610 --> 00:31:57,340

change is happening or maybe it's a

849

00:32:01,950 --> 00:31:59,620

conspiracy or the big oil companies

850

00:32:04,830 --> 00:32:01,960

behind it or scientists peeping or

851  
00:32:06,780 --> 00:32:04,840  
whatever the people who people that are

852  
00:32:09,150 --> 00:32:06,790  
called climate change skeptics but they

853  
00:32:10,890 --> 00:32:09,160  
were t cynics now that's cavities have

854  
00:32:11,730 --> 00:32:10,900  
open minds and we just go with the

855  
00:32:14,460 --> 00:32:11,740  
evidence of you

856  
00:32:16,140 --> 00:32:14,470  
disease that there is some warming as

857  
00:32:19,049 --> 00:32:16,150  
some climate change occurring of the

858  
00:32:22,860 --> 00:32:19,059  
evidence shows that the various partly

859  
00:32:24,360 --> 00:32:22,870  
anthropogenic now for me actually stops

860  
00:32:26,430 --> 00:32:24,370  
there I mean we would have it matters or

861  
00:32:28,680 --> 00:32:26,440  
not i'm not sure if it matters all our

862  
00:32:31,020 --> 00:32:28,690  
tour over what timescale the effects

863  
00:32:33,419 --> 00:32:31,030

will occur yes a very small defective

864

00:32:34,919 --> 00:32:33,429

every long time ago should get that

865

00:32:36,299 --> 00:32:34,929

sorting into context it's not like we

866

00:32:40,020 --> 00:32:36,309

can ever sort of five degrees centigrade

867

00:32:41,820 --> 00:32:40,030

vies in one year or the to do me or

868

00:32:43,680 --> 00:32:41,830

something gradual it just get it will

869

00:32:46,410 --> 00:32:43,690

get a bit hotter finally gets one degree

870

00:32:48,320 --> 00:32:46,420

hotter we all have shuffled off the

871

00:32:51,540 --> 00:32:48,330

mortal coil so do you attribute like

872

00:32:53,490 --> 00:32:51,550

cyclone yasi the floods the humidity

873

00:32:55,140 --> 00:32:53,500

that were experiencing all over the

874

00:32:56,970 --> 00:32:55,150

place at the moment i mean is that

875

00:32:59,760 --> 00:32:56,980

something you'd a tribute to climate

876

00:33:02,370 --> 00:32:59,770

change ah that'll be i'm coming to a

877

00:33:03,810 --> 00:33:02,380

conclusion that the cyclone will still

878

00:33:06,540 --> 00:33:03,820

be the fuzz were severe those things

879

00:33:07,950 --> 00:33:06,550

have happened before not within living

880

00:33:09,240 --> 00:33:07,960

memory but with you recorded maybe

881

00:33:11,549 --> 00:33:09,250

they've been worse floods and worst

882

00:33:13,140 --> 00:33:11,559

cyclones yeah not worse damage caused

883

00:33:15,330 --> 00:33:13,150

because we built cities and things in

884

00:33:16,740 --> 00:33:15,340

the way of these things now but some you

885

00:33:18,120 --> 00:33:16,750

know the funds have been worked in the

886

00:33:20,190 --> 00:33:18,130

past so you can't say this is a

887

00:33:22,440 --> 00:33:20,200

harbinger of doom it's just a thing that

888

00:33:25,380 --> 00:33:22,450

happens at random and maybe it'll happen

889

00:33:27,060 --> 00:33:25,390

more often because of climate change we

890

00:33:29,010 --> 00:33:27,070

don't we don't even know that yet you

891

00:33:31,980 --> 00:33:29,020

know the fact is very much on beyond the

892

00:33:34,080 --> 00:33:31,990

age of what we can measure mmm very

893

00:33:35,640 --> 00:33:34,090

interesting right well one thing we do

894

00:33:37,710 --> 00:33:35,650

know is what and what we don't want is

895

00:33:40,440 --> 00:33:37,720

this asteroid hit earth so but you've

896

00:33:44,520 --> 00:33:40,450

allied some of my fees the 2012 one no

897

00:33:48,450 --> 00:33:44,530

risk at all 2029 slim risk and even even

898

00:33:50,190 --> 00:33:48,460

slimmer for 2036 noe that ax 2012 we

899

00:33:53,040 --> 00:33:50,200

observe it and we can divert see if

900

00:33:54,570 --> 00:33:53,050

necessary in 20 29 and we're certain to

901  
00:33:55,980 --> 00:33:54,580  
be some twins realized there by

902  
00:33:58,470 --> 00:33:55,990  
certainly be some twenty or thirty six

903  
00:34:00,510 --> 00:33:58,480  
and these are vertige as quickly you you

904  
00:34:03,990 --> 00:34:00,520  
follow a spacecraft out here spacecraft

905  
00:34:05,910 --> 00:34:04,000  
simply collides with it all sort of

906  
00:34:08,010 --> 00:34:05,920  
theories about slicing the laser beams

907  
00:34:09,869 --> 00:34:08,020  
or landing at some bombs on it in

908  
00:34:12,389 --> 00:34:09,879  
defeating them that would be a very very

909  
00:34:14,270 --> 00:34:12,399  
bad move actually the best way is you

910  
00:34:16,919 --> 00:34:14,280  
just a whack it with something heavy the

911  
00:34:19,740 --> 00:34:16,929  
kb st who finds these spacecraft itself

912  
00:34:21,300 --> 00:34:19,750  
just bang into it with a spacecraft and

913  
00:34:23,340 --> 00:34:21,310

it will move your butt very very

914

00:34:25,169 --> 00:34:23,350

slightly with over 17 years that'll be

915

00:34:26,730 --> 00:34:25,179

quite a lot has to be a messy

916

00:34:28,799 --> 00:34:26,740

spacecraft I wouldn't well they're

917

00:34:30,270 --> 00:34:28,809

heavier the better and you're going to

918

00:34:32,040 --> 00:34:30,280

get a certain weight and a couple of

919

00:34:34,559 --> 00:34:32,050

songs or sony or couple of hundred sons

920

00:34:37,230 --> 00:34:34,569

yeah it can be done we've done it with

921

00:34:38,760 --> 00:34:37,240

commerce already um but it's like you a

922

00:34:41,190 --> 00:34:38,770

bit like the steering at a car you know

923

00:34:42,839 --> 00:34:41,200

if you just front wheels a tenth of a

924

00:34:45,690 --> 00:34:42,849

millimeter out and the drive to Alice

925

00:34:48,180 --> 00:34:45,700

Springs you'll find you being an amount

926

00:34:50,159 --> 00:34:48,190

I so instead yeah that's right exactly

927

00:34:51,299 --> 00:34:50,169

you just tuning off its axis and it just

928

00:34:53,549 --> 00:34:51,309

goes and completely different what the

929

00:34:55,649 --> 00:34:53,559

original driver to buy a tiny tiny

930

00:34:57,089 --> 00:34:55,659

amount then you wait 17 years you find

931

00:34:59,010 --> 00:34:57,099

it's going to missed by a long one

932

00:35:00,990 --> 00:34:59,020

thousands of miles off that along way so

933

00:35:02,400 --> 00:35:01,000

yes there's no to worry at all it's all

934

00:35:04,260 --> 00:35:02,410

in hand but he's actually all due to

935

00:35:06,059 --> 00:35:04,270

science and money being spent of

936

00:35:07,349 --> 00:35:06,069

astronomy the last thing this morning

937

00:35:09,270 --> 00:35:07,359

the first time it has all been useful

938

00:35:10,530 --> 00:35:09,280

you know we've had those standing on the

939

00:35:12,059 --> 00:35:10,540

moving there's been a bit of a hoot but

940

00:35:14,460 --> 00:35:12,069

you know how much uses that really am

941

00:35:17,010 --> 00:35:14,470

and there's a lot of stuff in space and

942

00:35:18,960 --> 00:35:17,020

military stuff but um yeah this is

943

00:35:21,059 --> 00:35:18,970

actually suddenly becomes necessary and

944

00:35:23,490 --> 00:35:21,069

useful to attract asteroid yeah

945

00:35:24,780 --> 00:35:23,500

absolutely well exactly right well we

946

00:35:26,520 --> 00:35:24,790

should look after ourselves that's the

947

00:35:29,010 --> 00:35:26,530

main thing we'll all in all the upshot

948

00:35:31,349 --> 00:35:29,020

is very very slim would you say one in

949

00:35:33,569 --> 00:35:31,359

250 million chance of a happening one in

950

00:35:35,370 --> 00:35:33,579

50,000 if we do nothing but we are going

951  
00:35:38,210 --> 00:35:35,380  
to do nothing and then if we do

952  
00:35:40,950 --> 00:35:38,220  
something it will be 1 in 259 00

953  
00:35:41,940 --> 00:35:40,960  
brilliant i dr. Roberts think so that

954  
00:35:44,130 --> 00:35:41,950  
thanks for joining on the program

955  
00:35:46,799 --> 00:35:44,140  
afternoon and I thoroughly enjoyed that

956  
00:35:48,059 --> 00:35:46,809  
chat and yes it's it's always something

957  
00:35:51,150 --> 00:35:48,069  
good to keep abreast I've no doubt about

958  
00:35:53,339 --> 00:35:51,160  
it yeah appreciate that there we go dr.

959  
00:35:56,299 --> 00:35:53,349  
Stephen Roberts from the Australian

960  
00:35:59,490 --> 00:35:56,309  
skeptics talking about the so-called

961  
00:36:02,160 --> 00:35:59,500  
apocalypse that was slated to happen in

962  
00:36:05,240 --> 00:36:02,170  
20-30 so well in fact summer suggested

963  
00:36:09,690 --> 00:36:05,250

next year but as dr. Robert spawned out

964

00:36:12,750 --> 00:36:09,700

you can observe it hopefully if there's

965

00:36:15,960 --> 00:36:12,760

any danger in 17 years after that we've

966

00:36:17,430 --> 00:36:15,970

got 17 years to to actually do something

967

00:36:19,680 --> 00:36:17,440

about it and fire something into

968

00:36:36,359 --> 00:36:19,690

completely die verted sup misses us

969

00:36:38,400 --> 00:36:36,369

in twenty thirty six hey I'm on it oh

970

00:36:39,690 --> 00:36:38,410

yeah Kristen or even tipsy dice on lush

971

00:36:42,150 --> 00:36:39,700

glitter of the skeptic zone I'm

972

00:36:44,250 --> 00:36:42,160

skeptical in la liga the VINs not a blog

973

00:36:46,140 --> 00:36:44,260

gear or pub def a podcast of reading and

974

00:36:48,150 --> 00:36:46,150

skip system is leaked on this door open

975

00:36:49,650 --> 00:36:48,160

ah central data skips a stuffed animal

976

00:36:51,780 --> 00:36:49,660

or hyper besides the dips corner

977

00:36:53,460 --> 00:36:51,790

Chiclets and calendar / activator or

978

00:36:54,720 --> 00:36:53,470

link eternity research it escapes this

979

00:36:56,309 --> 00:36:54,730

blogging opportunity I'm layer or the

980

00:36:57,720 --> 00:36:56,319

discrete areas hefty performance so

981

00:37:11,609 --> 00:36:57,730

stick kingdom of Delta do awesome

982

00:37:14,460 --> 00:37:11,619

escapes his thoughts hello circus the

983

00:37:17,430 --> 00:37:14,470

festival of commercial creativity we're

984

00:37:20,220 --> 00:37:17,440

here in Sydney Australia I'm here with

985

00:37:22,140 --> 00:37:20,230

dr. Rachel Dunlop who is just enjoying

986

00:37:23,609 --> 00:37:22,150

her coffee before her big day where

987

00:37:26,700 --> 00:37:23,619

you're giving a talk today at this

988

00:37:29,250 --> 00:37:26,710

meeting Rachel I am Richard I'm giving a

989

00:37:32,700 --> 00:37:29,260

talk as part of the Battle of big

990

00:37:35,130 --> 00:37:32,710

thinking which is 15 great speakers in

991

00:37:39,359 --> 00:37:35,140

five categories not quite sure what I'm

992

00:37:43,589 --> 00:37:39,369

included in that um but it's a basically

993

00:37:45,329 --> 00:37:43,599

their categories include things like the

994

00:37:47,040 --> 00:37:45,339

categories include things like our best

995

00:37:49,230 --> 00:37:47,050

biggest thinkers in advertising and

996

00:37:52,319 --> 00:37:49,240

marketing in government social in media

997

00:37:54,450 --> 00:37:52,329

and business and storytelling and what

998

00:37:56,700 --> 00:37:54,460

is your topic today dr. hu well I'm

999

00:37:58,589 --> 00:37:56,710

going to be talking about accessing

1000

00:37:59,549 --> 00:37:58,599

accurate health information on the

1001  
00:38:02,209 --> 00:37:59,559  
Internet

1002  
00:38:04,769 --> 00:38:02,219  
so I'm using an example of

1003  
00:38:06,329 --> 00:38:04,779  
anti-vaccination information and I've

1004  
00:38:09,390 --> 00:38:06,339  
done some digging up up and some

1005  
00:38:11,069 --> 00:38:09,400  
statistics to to present how much

1006  
00:38:13,650 --> 00:38:11,079  
information is accurate versus how much

1007  
00:38:15,089 --> 00:38:13,660  
is not and I'm just going to present

1008  
00:38:17,099 --> 00:38:15,099  
some ideas about how you can counteract

1009  
00:38:21,029 --> 00:38:17,109  
that information when you find it on the

1010  
00:38:22,559 --> 00:38:21,039  
internet the ways that you can shift the

1011  
00:38:24,359 --> 00:38:22,569  
balance between the bad stuff and the

1012  
00:38:25,559 --> 00:38:24,369  
good stuff basically yeah I think I was

1013  
00:38:27,660 --> 00:38:25,569

saying that it's going to be something

1014

00:38:29,279 --> 00:38:27,670

like 500 people here i mean we've just

1015

00:38:31,349 --> 00:38:29,289

looked in the auditorium it's pretty big

1016

00:38:32,849 --> 00:38:31,359

it is pretty big actually it's a really

1017

00:38:35,519 --> 00:38:32,859

impressive venue where the carriage

1018

00:38:37,799 --> 00:38:35,529

works in sydney i think this is where

1019

00:38:41,969 --> 00:38:37,809

they film so you think you can dance so

1020

00:38:44,400 --> 00:38:41,979

it says old big holes that I guess used

1021

00:38:46,229 --> 00:38:44,410

to have trams in them and raise its

1022

00:38:47,189 --> 00:38:46,239

really working station I think yeah so

1023

00:38:48,689 --> 00:38:47,199

they were either building them or

1024

00:38:50,729 --> 00:38:48,699

repairing them so it's got price

1025

00:38:52,079 --> 00:38:50,739

ceilings and it's all very industrial

1026

00:38:53,789 --> 00:38:52,089

and they've left a lot of like the heavy

1027

00:38:58,279 --> 00:38:53,799

lifting equipment here and stuff in the

1028

00:39:01,289 --> 00:38:58,289

roof it's really beautiful place so yeah

1029

00:39:03,449 --> 00:39:01,299

you were invited because of many things

1030

00:39:04,949 --> 00:39:03,459

I imagine but I guess because you're

1031

00:39:06,839 --> 00:39:04,959

winning the shorty award last year for

1032

00:39:10,650 --> 00:39:06,849

help well no because I'm awesome of

1033

00:39:12,359 --> 00:39:10,660

course oh sorry no no they found out

1034

00:39:14,160 --> 00:39:12,369

about me because of the shorty award and

1035

00:39:16,289 --> 00:39:14,170

asked me to speak so I have to admit I

1036

00:39:18,719 --> 00:39:16,299

was a little bit confused too easily as

1037

00:39:20,729 --> 00:39:18,729

to why I'm here because in fact most of

1038

00:39:23,549 --> 00:39:20,739

the people that are here today are from

1039

00:39:26,309 --> 00:39:23,559

a media background advertising marketing

1040

00:39:29,130 --> 00:39:26,319

branding that sort of area in fact which

1041

00:39:30,719 --> 00:39:29,140

is a bit strange because I used to work

1042

00:39:32,929 --> 00:39:30,729

in advertising and marketing over a

1043

00:39:35,069 --> 00:39:32,939

decade ago so to come here today it's

1044

00:39:37,380 --> 00:39:35,079

really weird because there's a lot of

1045

00:39:38,789 --> 00:39:37,390

people here that were my colleagues back

1046

00:39:41,029 --> 00:39:38,799

in the day and probably would still be

1047

00:39:43,559 --> 00:39:41,039

if I was still working in that area so

1048

00:39:46,499 --> 00:39:43,569

even tonight tomorrow night there's an

1049

00:39:48,059 --> 00:39:46,509

award ceremony for the awards which is

1050

00:39:51,509 --> 00:39:48,069

the Australian Writers in art directors

1051  
00:39:54,179 --> 00:39:51,519  
club and I did that course and I used to

1052  
00:39:56,249 --> 00:39:54,189  
work for that company so it's all very

1053  
00:39:56,680 --> 00:39:56,259  
very strange that it's come back to this

1054  
00:39:58,569 --> 00:39:56,690  
now

1055  
00:40:01,000 --> 00:39:58,579  
listeners maybe you can be confused

1056  
00:40:04,599 --> 00:40:01,010  
about the sound effects we're in a huge

1057  
00:40:05,980 --> 00:40:04,609  
room here which is a cafe and that

1058  
00:40:08,109 --> 00:40:05,990  
thumping and pounding you can hear

1059  
00:40:09,730 --> 00:40:08,119  
people preparing coffee and all sorts of

1060  
00:40:10,990 --> 00:40:09,740  
things and we're waiting for our poached

1061  
00:40:12,849 --> 00:40:11,000  
eggs and you're waiting for your

1062  
00:40:14,260 --> 00:40:12,859  
Vegemite I am and actually I think I'm

1063  
00:40:16,420 --> 00:40:14,270

going to have to go and do a check on my

1064

00:40:32,210 --> 00:40:16,430

talk before my Vegemite comes which it

1065

00:40:36,800 --> 00:40:34,500

thank you very much Carly and welcome

1066

00:40:40,110 --> 00:40:36,810

everyone to the battle be thinking for

1067

00:40:45,180 --> 00:40:40,120

2011 or dr. Thord Julianne Moore alive

1068

00:40:47,220 --> 00:40:45,190

from Planet Earth it's going to be a the

1069

00:40:48,840 --> 00:40:47,230

name is available oh and your es numbers

1070

00:40:50,850 --> 00:40:48,850

are just about right side international

1071

00:40:52,260 --> 00:40:50,860

Jackie it's part of the festival of

1072

00:40:54,480 --> 00:40:52,270

commercial creativity which is you know

1073

00:40:56,970 --> 00:40:54,490

he's part of the Institute's attempt to

1074

00:40:59,220 --> 00:40:56,980

set the Estonian record or iPad

1075

00:41:00,900 --> 00:40:59,230

concentration in a single space I do

1076

00:41:04,020 --> 00:41:00,910

we're doing pretty well I've gone on to

1077

00:41:06,060 --> 00:41:04,030

that we move on now to dr. Rachel

1078

00:41:08,610 --> 00:41:06,070

develop she's the vice president of the

1079

00:41:10,140 --> 00:41:08,620

Australian skeptics PhD from Sydney

1080

00:41:13,020 --> 00:41:10,150

University Medical School works

1081

00:41:14,340 --> 00:41:13,030

full-time in heart disease of research

1082

00:41:16,170 --> 00:41:14,350

and is a member of the New South Wales

1083

00:41:18,120 --> 00:41:16,180

committee of skeptics doing fun stuff

1084

00:41:21,330 --> 00:41:18,130

like mystery investigators which is a

1085

00:41:23,250 --> 00:41:21,340

show for schools she co-organizes the

1086

00:41:25,980 --> 00:41:23,260

Sydney skeptics meetup group which is

1087

00:41:29,130 --> 00:41:25,990

actually it's basically a rationalist

1088

00:41:31,800 --> 00:41:29,140

sex thing in fact but learned about in

1089

00:41:34,470 --> 00:41:31,810

the marketing and actually contributes

1090

00:41:37,350 --> 00:41:34,480

to the skeptics book of poo-poo long

1091

00:41:39,780 --> 00:41:37,360

she'll be speaking today on why do we

1092

00:41:47,120 --> 00:41:39,790

ask the Internet permitting a bus we

1093

00:41:53,460 --> 00:41:50,940

thanks Julian and so I working full-time

1094

00:41:55,589 --> 00:41:53,470

in heart disease research but in my

1095

00:41:58,079 --> 00:41:55,599

spare time I have an interest in

1096

00:41:59,250 --> 00:41:58,089

alternative medicine and some of those

1097

00:42:01,410 --> 00:41:59,260

things are sort of the garden-variety

1098

00:42:04,170 --> 00:42:01,420

things that probably many of us via have

1099

00:42:05,880 --> 00:42:04,180

tried like supplements and vitamins some

1100

00:42:08,819 --> 00:42:05,890

of the more unusual ones like for

1101  
00:42:11,039 --> 00:42:08,829  
example psychic surgery or ear candles

1102  
00:42:13,620 --> 00:42:11,049  
and it happens if you don't know what

1103  
00:42:16,440 --> 00:42:13,630  
they are they are like they sound you

1104  
00:42:18,480 --> 00:42:16,450  
put a candle in your ear and burn it and

1105  
00:42:21,210 --> 00:42:18,490  
it's supposed to clear out our bad

1106  
00:42:23,910 --> 00:42:21,220  
energies and killing Europe in balance

1107  
00:42:25,650 --> 00:42:23,920  
and headaches and all kinds of things so

1108  
00:42:27,900 --> 00:42:25,660  
as a result of this I spend a lot of

1109  
00:42:30,420 --> 00:42:27,910  
time on the internet doing research and

1110  
00:42:32,579 --> 00:42:30,430  
it turns out I'm not the only one in

1111  
00:42:34,500 --> 00:42:32,589  
fact recent studies from the ABS showing

1112  
00:42:37,529 --> 00:42:34,510  
your own statistics and showing that now

1113  
00:42:40,109 --> 00:42:37,539

wanting two of us actually turn to the

1114

00:42:44,269 --> 00:42:40,119

Internet to look up our illnesses and

1115

00:42:47,630 --> 00:42:44,279

self diagnose and two in three of us our

1116

00:42:51,809 --> 00:42:47,640

research our own drivers on the internet

1117

00:42:54,620 --> 00:42:51,819

now this is a recent study which winds

1118

00:42:56,970 --> 00:42:54,630

down by a health fund looking at

1119

00:42:59,880 --> 00:42:56,980

diagnosis by dr. google as i like to

1120

00:43:02,490 --> 00:42:59,890

call it so what they did was they put in

1121

00:43:04,230 --> 00:43:02,500

some very simple kind of filter and did

1122

00:43:07,559 --> 00:43:04,240

some google searches and came up with

1123

00:43:10,410 --> 00:43:07,569

some diagnosis and as you can see i'm

1124

00:43:13,109 --> 00:43:10,420

diagnosis by dr. google can it create

1125

00:43:14,579 --> 00:43:13,119

some pretty scary scenarios so if you

1126  
00:43:16,140 --> 00:43:14,589  
have pins and needles and you put this

1127  
00:43:18,510 --> 00:43:16,150  
into dr. google where you might just

1128  
00:43:20,640 --> 00:43:18,520  
have the vitamin b12 deficiency that's

1129  
00:43:23,579 --> 00:43:20,650  
pretty easy to fix or you might have

1130  
00:43:24,990 --> 00:43:23,589  
multiple sclerosis you might if you have

1131  
00:43:27,299 --> 00:43:25,000  
stomach next week would just have

1132  
00:43:30,390 --> 00:43:27,309  
indigestion or appendicitis but you also

1133  
00:43:31,769 --> 00:43:30,400  
might have heart disease area or you

1134  
00:43:33,450 --> 00:43:31,779  
might have an ear infection you might

1135  
00:43:36,569 --> 00:43:33,460  
have cold behavior I have a brain

1136  
00:43:38,279 --> 00:43:36,579  
answers to according to dr. Google and a

1137  
00:43:40,360 --> 00:43:38,289  
rash where you could have dermatitis

1138  
00:43:44,990 --> 00:43:40,370

psoriasis or perhaps you've got early

1139

00:43:46,970 --> 00:43:45,000

meningitis so what was also interesting

1140

00:43:49,760 --> 00:43:46,980

about this study that was done it showed

1141

00:43:52,250 --> 00:43:49,770

that most of us in fact ninety-one

1142

00:43:56,000 --> 00:43:52,260

percent of us for the month ending

1143

00:43:58,250 --> 00:43:56,010

februari 13 2011 used google com delay

1144

00:44:02,330 --> 00:43:58,260

you or google com Brown our search

1145

00:44:05,120 --> 00:44:02,340

engine and of that of that ninety-seven

1146

00:44:11,360 --> 00:44:05,130

percent of us only take our click on

1147

00:44:13,670 --> 00:44:11,370

links on the first page of people in

1148

00:44:18,290 --> 00:44:13,680

clothing um this is the kind of stuff

1149

00:44:20,210 --> 00:44:18,300

that I spend my time doing I wouldn't

1150

00:44:22,370 --> 00:44:20,220

suggest that you use dr. Google to find

1151

00:44:24,560 --> 00:44:22,380

medical advice are just talk to your

1152

00:44:26,600 --> 00:44:24,570

doctor unless you want to end up as a

1153

00:44:28,040 --> 00:44:26,610

hypochondriac rocking back and forth in

1154

00:44:31,310 --> 00:44:28,050

a corner thinking you've got every

1155

00:44:33,950 --> 00:44:31,320

disease known to man google bombing can

1156

00:44:35,960 --> 00:44:33,960

be effective but of course so it can be

1157

00:44:38,840 --> 00:44:35,970

easier opposition so you can use it that

1158

00:44:40,910 --> 00:44:38,850

other people can use it as well and the

1159

00:44:44,150 --> 00:44:40,920

striated beach is a very good example of

1160

00:44:45,680 --> 00:44:44,160

how once the cat gets out of the bag if

1161

00:44:47,960 --> 00:44:45,690

you try to shove the cap back in it'll

1162

00:44:55,740 --> 00:44:47,970

scratch even harder and keep you so

1163

00:45:01,830 --> 00:44:59,650

and it's all over now here at the the

1164

00:45:03,910 --> 00:45:01,840

circus the festival of commercial

1165

00:45:06,070 --> 00:45:03,920

creativity but one of the speaker's

1166

00:45:07,750 --> 00:45:06,080

apart from dr. AG of course one of the

1167

00:45:09,940 --> 00:45:07,760

speaker's certainly caught my attention

1168

00:45:14,370 --> 00:45:09,950

and that's a man named Robert Campbell

1169

00:45:16,690 --> 00:45:14,380

who spoke about specialization leads to

1170

00:45:20,500 --> 00:45:16,700

limitation and I'm delighted to say that

1171

00:45:22,870 --> 00:45:20,510

the robbers with me right now it's very

1172

00:45:25,599 --> 00:45:22,880

interesting concept you're sort of

1173

00:45:28,750 --> 00:45:25,609

looking out for the the Renaissance man

1174

00:45:31,810 --> 00:45:28,760

the broadening of the outlook so to

1175

00:45:34,540 --> 00:45:31,820

speak people who've lived a life rather

1176

00:45:39,940 --> 00:45:34,550

than a lifestyle I think is what I'm

1177

00:45:43,220 --> 00:45:39,950

saying and my industry requires people

1178

00:45:46,670 --> 00:45:43,230

who have wrecked as well as death

1179

00:45:48,290 --> 00:45:46,680

but like most industries there's been in

1180

00:45:51,800 --> 00:45:48,300

the last few years too much focus in my

1181

00:45:54,680 --> 00:45:51,810

mind on death not breath and I'm a big

1182

00:45:56,750 --> 00:45:54,690

believe that those generalists which is

1183

00:46:00,050 --> 00:45:56,760

a horrible tie prefer like Magpies or

1184

00:46:02,720 --> 00:46:00,060

something but generalists because of

1185

00:46:04,760 --> 00:46:02,730

their they're not encumbered by a

1186

00:46:06,530 --> 00:46:04,770

particular way of thinking or process

1187

00:46:10,550 --> 00:46:06,540

and their experiences a broader have a

1188

00:46:13,400 --> 00:46:10,560

more liberating way of tackling issues

1189

00:46:15,140 --> 00:46:13,410

and then especially so now as I said we

1190

00:46:16,580 --> 00:46:15,150

definitely need specialists you know I

1191

00:46:19,190 --> 00:46:16,590

don't want to be operated by a

1192

00:46:21,349 --> 00:46:19,200

generalist but specialist them perfect

1193

00:46:24,260 --> 00:46:21,359

that world you say you the point you're

1194

00:46:25,880 --> 00:46:24,270

making is we need them both yeah but if

1195

00:46:28,760 --> 00:46:25,890

you go in for surgery you don't want a

1196

00:46:30,290 --> 00:46:28,770

GP to look after you need a specialist I

1197

00:46:32,870 --> 00:46:30,300

want someone who knows what the scalpel

1198

00:46:36,770 --> 00:46:32,880

is yeah definitely and I really like the

1199

00:46:39,320 --> 00:46:36,780

fact that during your talk you related

1200

00:46:40,970 --> 00:46:39,330

the story of Benjamin Franklin now we in

1201  
00:46:42,800 --> 00:46:40,980  
The Skeptical movement certainly look up

1202  
00:46:45,020 --> 00:46:42,810  
to Benjamin Franklin as a great role

1203  
00:46:47,690 --> 00:46:45,030  
model the course of his diversity of

1204  
00:46:50,120 --> 00:46:47,700  
what he did and I didn't fully

1205  
00:46:53,499 --> 00:46:50,130  
appreciate until I saw your slide of all

1206  
00:46:56,199 --> 00:46:53,509  
the things he want to be honest

1207  
00:46:59,679 --> 00:46:56,209  
in typical fashion and being English I

1208  
00:47:01,329 --> 00:46:59,689  
any new a very superficial element of

1209  
00:47:04,179 --> 00:47:01,339  
Benjamin Franklin when I looked at more

1210  
00:47:06,279 --> 00:47:04,189  
deeply I could have filled pages of what

1211  
00:47:10,719 --> 00:47:06,289  
he had actually achieved and done and

1212  
00:47:12,279 --> 00:47:10,729  
continue to do until his death and but

1213  
00:47:14,379 --> 00:47:12,289

without doubt he felt that that

1214

00:47:17,109 --> 00:47:14,389

contributed to his abilities diversity

1215

00:47:20,379 --> 00:47:17,119

contributes to his ability to either

1216

00:47:22,659 --> 00:47:20,389

have a greater understanding for more

1217

00:47:24,309 --> 00:47:22,669

efficient and valuable ways to a tackle

1218

00:47:26,799 --> 00:47:24,319

issues I think I can relate to that

1219

00:47:29,949 --> 00:47:26,809

personally because I find them as I go

1220

00:47:32,739 --> 00:47:29,959

through life so many interests come by

1221

00:47:34,929 --> 00:47:32,749

and I don't want to ignore them or pay

1222

00:47:38,529 --> 00:47:34,939

them short shrift or anything like that

1223

00:47:40,509 --> 00:47:38,539

I tried to involve myself as many very

1224

00:47:42,699 --> 00:47:40,519

indifferent different things as I

1225

00:47:44,799 --> 00:47:42,709

possibly can but maybe we're not all

1226  
00:47:46,749 --> 00:47:44,809  
like that maybe there are people yeah I

1227  
00:47:49,329 --> 00:47:46,759  
think the issue is i think everyone

1228  
00:47:50,620 --> 00:47:49,339  
likes the idea of being like that but

1229  
00:47:53,009 --> 00:47:50,630  
that doesn't mean everyone is like that

1230  
00:47:56,679 --> 00:47:53,019  
and there's that fine line between

1231  
00:47:58,870 --> 00:47:56,689  
people who aspire to be multiple

1232  
00:48:00,549 --> 00:47:58,880  
multiple dimension multiple dimensions

1233  
00:48:03,219 --> 00:48:00,559  
of what my chocolate having lots of

1234  
00:48:04,359 --> 00:48:03,229  
aspects there like and those who simply

1235  
00:48:06,699 --> 00:48:04,369  
aren't and there's nothing wrong with

1236  
00:48:09,059 --> 00:48:06,709  
either but it's also I believe that you

1237  
00:48:11,620 --> 00:48:09,069  
need to have someone that can actually

1238  
00:48:13,749 --> 00:48:11,630

embrace the people who literally have

1239

00:48:15,129 --> 00:48:13,759

the skills and when I say have multiple

1240

00:48:16,239 --> 00:48:15,139

dimensions that doesn't mean they're

1241

00:48:17,889 --> 00:48:16,249

brilliant at lots of things like

1242

00:48:19,359 --> 00:48:17,899

Benjamin Franklin once he was in it he

1243

00:48:21,909 --> 00:48:19,369

was a freak actually in that respect

1244

00:48:23,679 --> 00:48:21,919

Leonardo yeah but it's people who have

1245

00:48:25,209 --> 00:48:23,689

the appreciation to understand the

1246

00:48:27,909 --> 00:48:25,219

thinking process and the value of those

1247

00:48:29,229 --> 00:48:27,919

things so that when situations come they

1248

00:48:31,359 --> 00:48:29,239

might not do it themselves but they can

1249

00:48:33,770 --> 00:48:31,369

put the pieces together hence I said

1250

00:48:35,560 --> 00:48:33,780

they're also conductors

1251

00:48:38,570 --> 00:48:35,570

and what did you mean by that exactly

1252

00:48:39,650 --> 00:48:38,580

done appeal here they can see what needs

1253

00:48:42,020 --> 00:48:39,660

to be done and can pull that together

1254

00:48:45,680 --> 00:48:42,030

because i think the word collaboration

1255

00:48:47,300 --> 00:48:45,690

is a joke in many industries because I I

1256

00:48:48,950 --> 00:48:47,310

personally believe collaboration and can

1257

00:48:50,600 --> 00:48:48,960

occur when people actually have an

1258

00:48:53,000 --> 00:48:50,610

appreciation of the other person's views

1259

00:48:57,110 --> 00:48:53,010

and approaches without that it's not

1260

00:48:59,720 --> 00:48:57,120

collaboration it's passive communication

1261

00:49:01,640 --> 00:48:59,730

right it's being in the same room with

1262

00:49:04,880 --> 00:49:01,650

somebody and listening to what they have

1263

00:49:07,730 --> 00:49:04,890

to say I really i thought your talk was

1264

00:49:09,350 --> 00:49:07,740

a standout congratulations now people

1265

00:49:11,870 --> 00:49:09,360

want to find out more about your company

1266

00:49:13,640 --> 00:49:11,880

for example where can they go well one

1267

00:49:17,270 --> 00:49:13,650

in candy have got a number of websites

1268

00:49:21,590 --> 00:49:17,280

for example my Shanghai office is WK SH

1269

00:49:24,170 --> 00:49:21,600

com if you go WK calm you'll see the

1270

00:49:26,930 --> 00:49:24,180

whole groups officers when we have eight

1271

00:49:30,560 --> 00:49:26,940

offices or your Shanghai that's that

1272

00:49:32,660 --> 00:49:30,570

sounds exotic yeah it's the madness is

1273

00:49:34,910 --> 00:49:32,670

that I don't understand any of it which

1274

00:49:37,340 --> 00:49:34,920

is the most exciting part of it I have

1275

00:49:39,350 --> 00:49:37,350

two things that we are common sense to

1276

00:49:41,000 --> 00:49:39,360

the local culture may know come have no

1277

00:49:43,550 --> 00:49:41,010

common sense to me and I have to

1278

00:49:48,110 --> 00:49:43,560

understand why and that that challenge

1279

00:49:50,120 --> 00:49:48,120

is what excites me personally first

1280

00:49:51,770 --> 00:49:50,130

thing is speaking of someone who has

1281

00:49:53,810 --> 00:49:51,780

lived in a foreign culture albeit a

1282

00:49:56,470 --> 00:49:53,820

similar one I'd lived in Germany for a

1283

00:49:58,700 --> 00:49:56,480

while to immerse yourself in a different

1284

00:50:00,860 --> 00:49:58,710

culture and language without having a

1285

00:50:02,570 --> 00:50:00,870

clue how it works initially it's quite

1286

00:50:04,280 --> 00:50:02,580

exhilarating in a way yeah i mean i've

1287

00:50:05,840 --> 00:50:04,290

i've done it for the last few years

1288

00:50:09,650 --> 00:50:05,850

dragging my wife here there and

1289

00:50:11,570 --> 00:50:09,660

everywhere and i absolutely i get off on

1290

00:50:15,470 --> 00:50:11,580

that and i get off and trying to set up

1291

00:50:19,070 --> 00:50:15,480

weird experiments really to try and get

1292

00:50:20,630 --> 00:50:19,080

a better understanding i love it love it

1293

00:50:22,220 --> 00:50:20,640

it's great honor to be able to do that

1294

00:50:24,080 --> 00:50:22,230

well rather delight to meet you and

1295

00:50:25,430 --> 00:50:24,090

congratulations again on a very

1296

00:50:36,950 --> 00:50:25,440

interesting talk thank you very much

1297

00:50:39,470 --> 00:50:36,960

indeed cool what is that oh it's the

1298

00:50:41,480 --> 00:50:39,480

schedule of speakers for nexus me exes

1299

00:50:43,550 --> 00:50:41,490

yeah it's the Northeast Conference for

1300

00:50:46,730 --> 00:50:43,560

science and skepticism oh are you going

1301  
00:50:47,990 --> 00:50:46,740  
yeah nice tell me what does nexus what's

1302  
00:50:50,000 --> 00:50:48,000  
nexus of well it's an educational

1303  
00:50:52,520 --> 00:50:50,010  
conference held annually in New York

1304  
00:50:54,860 --> 00:50:52,530  
City Nexus explores the intersection of

1305  
00:50:56,690 --> 00:50:54,870  
science skepticism the media and society

1306  
00:50:59,090 --> 00:50:56,700  
for the purpose of promoting a more

1307  
00:51:01,520 --> 00:50:59,100  
rational world how does that spell Nexus

1308  
00:51:04,760 --> 00:51:01,530  
what how does that spell Nexus is any

1309  
00:51:07,190 --> 00:51:04,770  
CSS should be neat Assessor what to be

1310  
00:51:10,430 --> 00:51:07,200  
pronouncing yet Assessor oh my english

1311  
00:51:13,910 --> 00:51:10,440  
so good but any CSS not spell Nexus well

1312  
00:51:15,590 --> 00:51:13,920  
okay yeah but yet just sooo yeah just SF

1313  
00:51:17,630 --> 00:51:15,600

what's wrong with Nietzsche saucer yeah

1314

00:51:19,550 --> 00:51:17,640

justice' I have brother-in-law his name

1315

00:51:21,770 --> 00:51:19,560

in yet your sister you do know but I

1316

00:51:24,620 --> 00:51:21,780

could yeah just say it rolls of the

1317

00:51:26,690 --> 00:51:24,630

tongue your tongue maybe what nothing so

1318

00:51:28,730 --> 00:51:26,700

who is speaker going to be at me HSS a

1319

00:51:31,010 --> 00:51:28,740

nexus whatever telling you well

1320

00:51:33,650 --> 00:51:31,020

scheduled to appear are Brooke Ali

1321

00:51:35,780 --> 00:51:33,660

novella Evan burns to Steve novella how

1322

00:51:38,120 --> 00:51:35,790

Biddle John Allen Powell dinner gala

1323

00:51:40,310 --> 00:51:38,130

muscle pollution garden John Rennie

1324

00:51:42,710 --> 00:51:40,320

hummus golova Todd Robbins Jennifer

1325

00:51:44,960 --> 00:51:42,720

Michael Hecht Eugenia see Scott or Tron

1326  
00:51:47,630 --> 00:51:44,970  
rebecca watson Daniel Khanna Carl Zimmer

1327  
00:51:50,150 --> 00:51:47,640  
Bob novella and keynote speaker Phil

1328  
00:51:52,250 --> 00:51:50,160  
Plait blowies death from the spaceman

1329  
00:51:54,470 --> 00:51:52,260  
but from the skies right listen how you

1330  
00:51:56,690 --> 00:51:54,480  
do that do what make it a voice all

1331  
00:52:01,100 --> 00:51:56,700  
bouncy bouncy like that well I am a

1332  
00:52:04,520 --> 00:52:01,110  
podcaster who is very nice tell me what

1333  
00:52:07,589 --> 00:52:04,530  
is podcasting Nexus

1334  
00:52:10,410 --> 00:52:07,599  
the Northeast Conference for science and

1335  
00:52:14,220 --> 00:52:10,420  
skepticism april 9th and 10th in New

1336  
00:52:28,440 --> 00:52:14,230  
York City go to nexus condo RG or check

1337  
00:52:34,900 --> 00:52:33,340  
Richard zone 1 2 3 was a force to be

1338  
00:52:36,460 --> 00:52:34,910

reckoned you know I feel a lot better

1339

00:52:39,610 --> 00:52:36,470

now after hearing dr. Steve Roberts

1340

00:52:41,830 --> 00:52:39,620

assure us all that we're safe we're not

1341

00:52:43,540 --> 00:52:41,840

going to die we're not doing today as

1342

00:52:45,670 --> 00:52:43,550

far as we know well not from that one

1343

00:52:47,290 --> 00:52:45,680

maybe we will be there there's one

1344

00:52:49,750 --> 00:52:47,300

coming from the Sun right now it's the

1345

00:52:51,610 --> 00:52:49,760

other side of Jupiter oh-oh-oh-oh both

1346

00:52:53,740 --> 00:52:51,620

oh that's all right it's been sucked

1347

00:52:55,600 --> 00:52:53,750

into Jupiter that's fine thank Jupiter

1348

00:52:57,610 --> 00:52:55,610

yeah they used to say in ancient Rome

1349

00:52:59,290 --> 00:52:57,620

they should have lady well what I did

1350

00:53:01,420 --> 00:52:59,300

they lose i thank God they would have

1351  
00:53:02,920 --> 00:53:01,430  
said thank you to piter's and you know I

1352  
00:53:05,620 --> 00:53:02,930  
saw this little DVD about the planets

1353  
00:53:07,780 --> 00:53:05,630  
lady and and it actually says Jupiter is

1354  
00:53:09,610 --> 00:53:07,790  
is like the vacuum cleaner cleaner yeah

1355  
00:53:12,280 --> 00:53:09,620  
so we should thank you better thank you

1356  
00:53:15,220 --> 00:53:12,290  
but uh oh yes Jupiter holy Jupiter thank

1357  
00:53:16,990 --> 00:53:15,230  
you well Richard another great show and

1358  
00:53:18,310 --> 00:53:17,000  
thanks for having me on again what

1359  
00:53:20,200 --> 00:53:18,320  
dating Evan good to see you what's

1360  
00:53:22,900 --> 00:53:20,210  
happening next week or next week we have

1361  
00:53:24,160 --> 00:53:22,910  
an interview of the lovely lady and you

1362  
00:53:25,960 --> 00:53:24,170  
would have heard that funny little clip

1363  
00:53:29,680 --> 00:53:25,970

we played earlier in the show little bit

1364

00:53:31,870 --> 00:53:29,690

from Norway Oh region oh yes but not for

1365

00:53:34,570 --> 00:53:31,880

that I've had to a Norwegian accent guy

1366

00:53:37,270 --> 00:53:34,580

no I'm gonna try don't even try Kristen

1367

00:53:39,040 --> 00:53:37,280

Carson from an Oslo who's going to be

1368

00:53:42,340 --> 00:53:39,050

chatting to us next week all about her

1369

00:53:44,620 --> 00:53:42,350

adventures up their skepticism in Norway

1370

00:53:49,030 --> 00:53:44,630

no I in all ways we got a big reach

1371

00:53:50,830 --> 00:53:49,040

Avonlea we do even on Jupiter I'm sure

1372

00:53:52,330 --> 00:53:50,840

they're listening to us on Jupiter Hydra

1373

00:53:55,180 --> 00:53:52,340

but I've made your bread and also a

1374

00:53:56,830 --> 00:53:55,190

quick note to congratulate our very own

1375

00:53:59,910 --> 00:53:56,840

dr. Rachel Dunlop who's now a

1376  
00:54:03,670 --> 00:53:59,920  
contributor to science-based medicine

1377  
00:54:05,500 --> 00:54:03,680  
org which is an tastic and very well

1378  
00:54:07,720 --> 00:54:05,510  
rafic that's a huge blog it's my

1379  
00:54:10,510 --> 00:54:07,730  
business there's a lot of stuff on there

1380  
00:54:13,540 --> 00:54:10,520  
and she's contributed there's an entry

1381  
00:54:16,330 --> 00:54:13,550  
there for the 19th of every vaccination

1382  
00:54:18,790 --> 00:54:16,340  
as rape merrill dory and the australian

1383  
00:54:21,460 --> 00:54:18,800  
vaccination network they're never far

1384  
00:54:22,960 --> 00:54:21,470  
from our thoughts are somehow I can't

1385  
00:54:25,000 --> 00:54:22,970  
see how I get a little drop on the

1386  
00:54:27,670 --> 00:54:25,010  
tongue to prevent polio it has got

1387  
00:54:31,540 --> 00:54:27,680  
anything to do with them yeah sexual

1388  
00:54:33,250 --> 00:54:31,550

violation pizza that's crazy anyway well

1389

00:54:34,660 --> 00:54:33,260

look it's going to be a big one next

1390

00:54:37,090 --> 00:54:34,670

week there always is the noise for

1391

00:54:38,260 --> 00:54:37,100

having me and there's very exciting

1392

00:54:40,120 --> 00:54:38,270

we're going to give our listeners a

1393

00:54:40,640 --> 00:54:40,130

little hint we're working on a secret

1394

00:54:43,789 --> 00:54:40,650

pro

1395

00:54:46,299 --> 00:54:43,799

oh yes I know a little bit about this

1396

00:54:48,380 --> 00:54:46,309

secret project and I can't wait to start

1397

00:54:49,789 --> 00:54:48,390

ripping it in and getting it out there

1398

00:54:51,380 --> 00:54:49,799

you and I going to give together and

1399

00:54:53,390 --> 00:54:51,390

we're going to come out of something

1400

00:54:54,829 --> 00:54:53,400

quite officially fun what about so keep

1401

00:54:57,230 --> 00:54:54,839

listening and thank you for listening

1402

00:55:03,980 --> 00:54:57,240

and more him soon oh yeah and we'll see

1403

00:55:07,339 --> 00:55:03,990

you see you next week bye now but you've

1404

00:55:11,960 --> 00:55:07,349

been listening to the skeptic zone visit

1405

00:55:14,420 --> 00:55:11,970

our website at [www.skeptics.org](http://www.skeptics.org) on TV for