

1
00:00:00,000 --> 00:00:09,119
[Music]

2
00:00:05,960 --> 00:00:13,969
welcome to the skeptic zone the podcast

3
00:00:09,119 --> 00:00:13,968
from Australia for science and reason

4
00:00:17,179 --> 00:00:25,390
[Music]

5
00:00:22,800 --> 00:00:29,310
yes it's the skeptic zone podcast

6
00:00:25,390 --> 00:00:32,049
episode number 547 for the 14th of April

7
00:00:29,309 --> 00:00:34,689
2019 reach its owners here with you back

8
00:00:32,049 --> 00:00:37,238
in Sydney Australia and the weather's

9
00:00:34,689 --> 00:00:40,839
getting slightly cooler April is a funny

10
00:00:37,238 --> 00:00:44,369
month it's hilarious you never know what

11
00:00:40,840 --> 00:00:47,290
to expect in April part of you thinks

12
00:00:44,369 --> 00:00:49,079
autumn you know winter's coming things

13
00:00:47,289 --> 00:00:52,359
should be cooling down then suddenly BAM

14
00:00:49,079 --> 00:00:54,219
it'll hit you with a hot muggy day maybe

15
00:00:52,359 --> 00:00:56,890
I should call this show The Skeptical

16
00:00:54,219 --> 00:00:59,018
weather zone hmm coming up on this

17
00:00:56,890 --> 00:01:01,268
week's show the return of may not may

18
00:00:59,018 --> 00:01:03,488
not spooky action may not heads to

19
00:01:01,268 --> 00:01:06,459
skeptics in the pub here in Sydney just

20
00:01:03,488 --> 00:01:10,890
last week and asks the big question to

21
00:01:06,459 --> 00:01:13,780
pub is what should skeptics now give up

22
00:01:10,890 --> 00:01:16,780
what's been done to death what's dead

23
00:01:13,780 --> 00:01:19,000
wood what what topics should we just no

24
00:01:16,780 --> 00:01:21,760
longer bother with in the skeptical

25
00:01:19,000 --> 00:01:24,069
organisation or are there any I mean

26
00:01:21,760 --> 00:01:26,560
personally I love the classics I always

27
00:01:24,069 --> 00:01:29,409
have the ESP and the monsters and all

28
00:01:26,560 --> 00:01:31,659
that sort of stuff but everybody has an

29

00:01:29,409 --> 00:01:34,599
opinion on this it seems may not finds

30
00:01:31,659 --> 00:01:37,719
out then may not interviews the guest

31
00:01:34,599 --> 00:01:41,619
speaker on the night Carey Doherty who

32
00:01:37,719 --> 00:01:44,319
gave a talk about the dish the dish was

33
00:01:41,620 --> 00:01:47,910
not the whole story now the dish she

34
00:01:44,319 --> 00:01:50,639
refers to is the radio telescope or the

35
00:01:47,909 --> 00:01:54,219
communications device here in Australia

36
00:01:50,640 --> 00:01:57,269
Parkes in fact in New South Wales that

37
00:01:54,219 --> 00:01:59,620
was instrumental in Apollo missions

38
00:01:57,269 --> 00:02:01,750
communicating with the astronauts and

39
00:01:59,620 --> 00:02:04,120
I'm sorry I missed this talk it sounds

40
00:02:01,750 --> 00:02:06,900
absolutely fascinating Australia's

41
00:02:04,120 --> 00:02:09,640
involvement in space exploration

42
00:02:06,900 --> 00:02:14,080
following that I catch up with Tim

43
00:02:09,639 --> 00:02:16,988

Mendham who we hear of frequently in the

44

00:02:14,080 --> 00:02:19,390

skeptic sonam often reading bits and

45

00:02:16,989 --> 00:02:21,519

pieces from press releases or articles

46

00:02:19,389 --> 00:02:22,929

from Tim Menem the editor of the skeptic

47

00:02:21,519 --> 00:02:26,069

magazine the journal from Australian

48

00:02:22,930 --> 00:02:28,319

skeptics I chat to Tim about his recent

49

00:02:26,068 --> 00:02:30,939

experiences visiting the

50

00:02:28,318 --> 00:02:34,009

mind/body/spirit or as we love to call

51

00:02:30,939 --> 00:02:36,229

it everybody all together mind by

52

00:02:34,009 --> 00:02:38,688

the wallet now this is the festival

53

00:02:36,229 --> 00:02:40,340

every six months here in Sydney and in

54

00:02:38,688 --> 00:02:43,789

other parts of the country the way you

55

00:02:40,340 --> 00:02:45,560

can feast on whoo of every shape and

56

00:02:43,789 --> 00:02:48,489

description from psychics to new

57

00:02:45,560 --> 00:02:50,299

energies to things like Reiki and

58
00:02:48,489 --> 00:02:53,239
alternative health in general

59
00:02:50,299 --> 00:02:56,890
it's all there folks and Tim will report

60
00:02:53,239 --> 00:03:00,500
on his recent visit and reflections on

61
00:02:56,889 --> 00:03:02,208
visiting that 30 years ago and if you

62
00:03:00,500 --> 00:03:03,709
remember last week on the skeptic zone I

63
00:03:02,209 --> 00:03:07,060
read out a report from the skeptic

64
00:03:03,709 --> 00:03:09,319
magazine where Tim Minden visited the

65
00:03:07,060 --> 00:03:12,408
mind/body/spirit the first one here in

66
00:03:09,318 --> 00:03:15,098
Sydney in 1989 then to round off the

67
00:03:12,408 --> 00:03:19,250
show a story from New Zealand about

68
00:03:15,098 --> 00:03:21,619
psychic detectives well either that's

69
00:03:19,250 --> 00:03:23,449
that's a weird term psychic detectives

70
00:03:21,620 --> 00:03:26,689
because personally I don't think there

71
00:03:23,449 --> 00:03:29,238
are any psychics so they cannot by

72
00:03:26,689 --> 00:03:32,509
definition be psychic detectives to my

73
00:03:29,239 --> 00:03:36,079
thinking but it's easier to say psychic

74
00:03:32,509 --> 00:03:38,090
detective then to say people who claim

75
00:03:36,079 --> 00:03:38,780
to have psychic powers and think they're

76
00:03:38,090 --> 00:03:40,848
detectives

77
00:03:38,780 --> 00:03:43,068
now during this episode you'll hear some

78
00:03:40,848 --> 00:03:45,198
very exciting news about the upcoming

79
00:03:43,068 --> 00:03:47,418
Australian skeptics convention which is

80
00:03:45,199 --> 00:03:50,930
to be held in Melbourne in December this

81
00:03:47,419 --> 00:03:53,269
year very exciting news news that will

82
00:03:50,930 --> 00:03:57,019
make you want to book your ticket as

83
00:03:53,269 --> 00:03:58,549
soon as they become available but until

84
00:03:57,019 --> 00:04:00,169
that announcement comes up you'll just

85
00:03:58,549 --> 00:04:01,760
have to wonder what it is well I think

86

00:04:00,169 --> 00:04:04,040
most of you know anyway but anyway but

87
00:04:01,759 --> 00:04:07,370
now it's time for me to run downstairs

88
00:04:04,039 --> 00:04:11,469
and um let me have I know I know I'm

89
00:04:07,370 --> 00:04:15,230
going to get a nice big salad yes a nice

90
00:04:11,469 --> 00:04:19,370
some corn and lettuce and lettuce a bit

91
00:04:15,229 --> 00:04:22,819
of a broccoli and I saw a thing called a

92
00:04:19,370 --> 00:04:25,220
cabbage and I like vegetables what can I

93
00:04:22,819 --> 00:04:27,110
say I even like Brussels sprouts mix

94
00:04:25,220 --> 00:04:30,260
that together with a little bit of a

95
00:04:27,110 --> 00:04:33,560
little bit of olive oil mixed in was a

96
00:04:30,259 --> 00:04:36,589
bit of sesame oil which is delicious and

97
00:04:33,560 --> 00:04:39,199
a little bit of wasabi mixed in with

98
00:04:36,589 --> 00:04:43,668
that poured all over the salad add a bit

99
00:04:39,199 --> 00:04:46,590
of tuna hmm while I do that I hope you

100
00:04:43,668 --> 00:04:58,599

enjoy the skeptic zone

101

00:04:46,589 --> 00:04:58,599

[Music]

102

00:04:59,970 --> 00:05:06,890

his may not spooky action at a distance

103

00:05:09,680 --> 00:05:13,250

see that how about behind me that's the

104

00:05:11,600 --> 00:05:15,229

noise obstetrics of the pub here the

105

00:05:13,250 --> 00:05:17,389

Occidental hotel is when you in Sydney

106

00:05:15,228 --> 00:05:20,060

may not hear cup reporter may not hear

107

00:05:17,389 --> 00:05:22,759

you're Jimmy Olsen of the sceptic zone

108

00:05:20,060 --> 00:05:24,228

of course Richard Saunders is the lowest

109

00:05:22,759 --> 00:05:26,090

lane of the skeptic zone although it

110

00:05:24,228 --> 00:05:28,250

does have Clark Kent's glasses I do

111

00:05:26,089 --> 00:05:30,589

believe we'll be asking people tonight

112

00:05:28,250 --> 00:05:32,060

what should skip fix give up you've got

113

00:05:30,589 --> 00:05:33,349

to choose your battles of course but you

114

00:05:32,060 --> 00:05:36,560

also got to choose the battles you don't

115
00:05:33,350 --> 00:05:39,199
have so what is it about time skeptics

116
00:05:36,560 --> 00:05:41,990
gave away but the neckbeard that's one

117
00:05:39,199 --> 00:05:46,550
thing certain facial hair affectations

118
00:05:41,990 --> 00:05:49,370
another thing some of the suits from the

119
00:05:46,550 --> 00:05:50,629
70s probably give them up but there's a

120
00:05:49,370 --> 00:05:52,340
few other things to be giving away and

121
00:05:50,629 --> 00:05:54,649
I'll be asking people what should we

122
00:05:52,339 --> 00:05:57,019
give up as well as talking to our guests

123
00:05:54,649 --> 00:05:59,388
tonight is all about Australia's part in

124
00:05:57,019 --> 00:06:01,098
the space program what we did the real

125
00:05:59,389 --> 00:06:02,598
story of the dish all that sort up that

126
00:06:01,098 --> 00:06:03,978
will be coming your way tonight skeptics

127
00:06:02,598 --> 00:06:06,259
of the pub as people are rushing rushing

128
00:06:03,978 --> 00:06:12,680
and flushing here to get some skepticism

129
00:06:06,259 --> 00:06:14,418
in we need Sydney what do you think it's

130
00:06:12,680 --> 00:06:17,150
time for skeptics to give away so they

131
00:06:14,418 --> 00:06:19,430
can concentrate on other stuff I think

132
00:06:17,149 --> 00:06:20,689
it's time to give away them the worrying

133
00:06:19,430 --> 00:06:22,189
about the moon hoax because you're never

134
00:06:20,689 --> 00:06:24,079
going to change the minds of some of

135
00:06:22,189 --> 00:06:27,079
them have you ever tried to do that

136
00:06:24,079 --> 00:06:29,029
personally or online yes I have and I

137
00:06:27,079 --> 00:06:32,029
was successful in a couple of cases but

138
00:06:29,029 --> 00:06:34,848
clearly they hadn't been they hadn't

139
00:06:32,029 --> 00:06:37,879
been converted enough to the you know to

140
00:06:34,848 --> 00:06:40,038
the hoax belief but I've also I have

141
00:06:37,879 --> 00:06:42,259
also been very unsuccessful in trying to

142
00:06:40,038 --> 00:06:44,000
convert other people they just lost

143

00:06:42,259 --> 00:06:45,829
sleep over the years

144
00:06:44,000 --> 00:06:47,360
no I haven't lost sleep over it but I

145
00:06:45,829 --> 00:06:50,449
thought you'd be up late doing this kind

146
00:06:47,360 --> 00:06:51,949
of thing you see oh I know I'm sure your

147
00:06:50,449 --> 00:06:54,319
conscience wasn't but that is all but

148
00:06:51,949 --> 00:06:56,539
it's the time it takes yeah well this is

149
00:06:54,319 --> 00:06:57,740
true yeah yeah what do you reckon

150
00:06:56,540 --> 00:06:59,980
skeptic should maybe give up the

151
00:06:57,740 --> 00:07:02,329
concentrate on something more productive

152
00:06:59,980 --> 00:07:04,009
should give people a break on Bigfoot

153
00:07:02,329 --> 00:07:06,769
look if people want to search for

154
00:07:04,009 --> 00:07:08,539
Bigfoot if they want to go camping but

155
00:07:06,769 --> 00:07:11,569
for a bush walk you know I don't know

156
00:07:08,540 --> 00:07:13,250
set up their tent toast some

157
00:07:11,569 --> 00:07:15,409

marshmallows and maybe see Bigfoot like

158

00:07:13,250 --> 00:07:17,389

is that the worst hobby in the world if

159

00:07:15,410 --> 00:07:19,580

it's getting people out you know doing

160

00:07:17,389 --> 00:07:21,319

some exercise exploring like maybe

161

00:07:19,579 --> 00:07:23,029

that's okay maybe just let them search

162

00:07:21,319 --> 00:07:24,769

for Bigfoot I don't think they're gonna

163

00:07:23,029 --> 00:07:26,479

find Bigfoot but I'm happy to let them

164

00:07:24,769 --> 00:07:30,349

keep looking you feel the same way about

165

00:07:26,480 --> 00:07:32,180

our local Yowie I think so I just want

166

00:07:30,350 --> 00:07:33,710

that to be true though all of the

167

00:07:32,180 --> 00:07:35,030

Australian things wouldn't it be so good

168

00:07:33,709 --> 00:07:36,409

if we did have Panthers in the Blue

169

00:07:35,029 --> 00:07:37,939

Mountains like I'm not saying I think we

170

00:07:36,410 --> 00:07:39,530

have palaces in the Blue Mountains but

171

00:07:37,939 --> 00:07:41,209

I'd love it if we had Panthers in the

172
00:07:39,529 --> 00:07:42,709
gloom Alice people are certainly saying

173
00:07:41,209 --> 00:07:44,029
seeing something or they're saying

174
00:07:42,709 --> 00:07:46,879
they're seeing something on a regular

175
00:07:44,029 --> 00:07:50,179
basis aren't they I've heard that and

176
00:07:46,879 --> 00:07:53,000
again all I'm gonna say is that I wish

177
00:07:50,180 --> 00:07:54,199
it was true yeah of course everybody

178
00:07:53,000 --> 00:07:55,579
thinks we should give up something to

179
00:07:54,199 --> 00:07:56,959
concentrate on something else here's a

180
00:07:55,579 --> 00:07:59,120
guy who thinks that now give it up

181
00:07:56,959 --> 00:08:02,589
nothing not not one foot back not one

182
00:07:59,120 --> 00:08:05,449
inch back take no prisoners yeah well I

183
00:08:02,589 --> 00:08:09,529
hate being wrong and I hate other people

184
00:08:05,449 --> 00:08:10,879
being wrong and I find III I don't well

185
00:08:09,529 --> 00:08:13,219
I don't think you can you should

186
00:08:10,879 --> 00:08:15,740
necessarily give up on one one thing

187
00:08:13,220 --> 00:08:18,470
that's that's untrue to focus on other

188
00:08:15,740 --> 00:08:20,418
things because we can probably do a lot

189
00:08:18,470 --> 00:08:22,520
of it or maybe all of it

190
00:08:20,418 --> 00:08:23,870
I definitely you should focus most on

191
00:08:22,519 --> 00:08:26,399
the things that are directly harmful

192
00:08:23,870 --> 00:08:29,069
like anti vaccination

193
00:08:26,399 --> 00:08:31,259
activism and some of the more harmful

194
00:08:29,069 --> 00:08:33,750
alternative medications like black Sal

195
00:08:31,259 --> 00:08:36,059
but few things are as futile as an

196
00:08:33,750 --> 00:08:38,250
argument on Facebook really I mean it's

197
00:08:36,059 --> 00:08:40,199
worse than fashion oh you're not gonna

198
00:08:38,250 --> 00:08:42,330
get much you must lose a lot of sleep by

199
00:08:40,200 --> 00:08:44,640
staying up late going you are wrong no

200

00:08:42,330 --> 00:08:46,020
you are wrong no see that's the

201
00:08:44,639 --> 00:08:52,230
difference I think you don't do the

202
00:08:46,019 --> 00:08:55,949
voice no I you are wrong no I I think

203
00:08:52,230 --> 00:08:58,080
that the the topics we should we should

204
00:08:55,950 --> 00:09:00,990
we shouldn't pick and choose topics for

205
00:08:58,080 --> 00:09:03,120
skepticism necessarily but methods of

206
00:09:00,990 --> 00:09:05,460
argument definitely I don't think

207
00:09:03,120 --> 00:09:07,710
arguing on Facebook is ever particularly

208
00:09:05,460 --> 00:09:09,000
helpful i I do a lot of arguing on

209
00:09:07,710 --> 00:09:13,589
Twitter but that's also on it's

210
00:09:09,000 --> 00:09:15,389
unhelpful but more fun I think what I've

211
00:09:13,589 --> 00:09:16,589
been a bit of a centrist here now what's

212
00:09:15,389 --> 00:09:18,028
your opinion on this what should what

213
00:09:16,589 --> 00:09:22,020
should we be given up to concentrate on

214
00:09:18,028 --> 00:09:25,169

something useful give up to concentrate

215

00:09:22,019 --> 00:09:26,519

on something useful I don't think you

216

00:09:25,169 --> 00:09:28,289

can really change people's minds on

217

00:09:26,519 --> 00:09:30,449

anything but people want to be right on

218

00:09:28,289 --> 00:09:32,250

that absolutely if whenever they can

219

00:09:30,450 --> 00:09:34,500

sort of thing so if it's not harming

220

00:09:32,250 --> 00:09:36,809

anyone just let them be for a bit but

221

00:09:34,500 --> 00:09:38,820

you know it's fun to see what people

222

00:09:36,809 --> 00:09:41,369

believe it's you know it's always fun to

223

00:09:38,820 --> 00:09:43,650

see a new way of looking at stuff okay

224

00:09:41,370 --> 00:09:45,330

so so you're a bit more open to just

225

00:09:43,649 --> 00:09:46,740

trying on everything a bit like our last

226

00:09:45,330 --> 00:09:48,170

gentleman we spoke to here you know if

227

00:09:46,740 --> 00:09:50,669

they're wrong just give them a nudge

228

00:09:48,169 --> 00:09:53,069

pretty much yeah yeah I'm not a very

229
00:09:50,669 --> 00:09:54,750
argumentative sort of guy I just sort of

230
00:09:53,070 --> 00:09:56,100
like to see what people think about

231
00:09:54,750 --> 00:09:57,839
stuff you know why can't you be a bit

232
00:09:56,100 --> 00:10:01,409
more like him sounds like you're very

233
00:09:57,839 --> 00:10:04,830
annoying online I probably have I think

234
00:10:01,409 --> 00:10:06,600
I'm annoying in real life also this

235
00:10:04,830 --> 00:10:08,610
isn't the topic but I like to ask people

236
00:10:06,600 --> 00:10:09,810
who like to but what's thing to get your

237
00:10:08,610 --> 00:10:11,669
goat the most that you just you just

238
00:10:09,809 --> 00:10:12,879
can't stay away from if they tread into

239
00:10:11,669 --> 00:10:15,909
that area

240
00:10:12,879 --> 00:10:17,649
I yeah I work in public health so

241
00:10:15,909 --> 00:10:21,490
anything related to public health is a

242
00:10:17,649 --> 00:10:23,409
big I mean I haven't had to learn to

243
00:10:21,490 --> 00:10:25,180
step away from arguments but still I I

244
00:10:23,409 --> 00:10:27,549
find myself getting drawn in quite a bit

245
00:10:25,179 --> 00:10:30,219
okay well I hope you get we should be

246
00:10:27,549 --> 00:10:32,009
right tonight that one night off tonight

247
00:10:30,220 --> 00:10:33,879
he had hope so in this particular

248
00:10:32,009 --> 00:10:37,689
hopefully no one will tell me that

249
00:10:33,879 --> 00:10:38,919
vaccines cause autism in this room well

250
00:10:37,690 --> 00:10:40,300
we're talking about what to get pigs

251
00:10:38,919 --> 00:10:42,009
have to give away I've mentioned a few

252
00:10:40,299 --> 00:10:43,629
things earlier there I thinks I think a

253
00:10:42,009 --> 00:10:45,879
medicine they should concentrate on a

254
00:10:43,629 --> 00:10:47,500
better sense of fashion maybe drop the

255
00:10:45,879 --> 00:10:48,580
pants down a little bit lower look

256
00:10:47,500 --> 00:10:51,639
you're doing fine you've got your

257

00:10:48,580 --> 00:10:53,470
t-shirt on here which is very nice yeah

258
00:10:51,639 --> 00:10:54,909
now what do you reckon it's time to give

259
00:10:53,470 --> 00:10:58,300
away to concentrate on the bigger game

260
00:10:54,909 --> 00:11:01,929
I'll be honest I think water divining is

261
00:10:58,299 --> 00:11:05,379
a little bit you know it's a bit like Oh

262
00:11:01,929 --> 00:11:07,059
bless do you think I guess it's not

263
00:11:05,379 --> 00:11:08,409
harmless if farmers are spending money

264
00:11:07,059 --> 00:11:10,119
on it but then again if you can find

265
00:11:08,409 --> 00:11:12,120
water table anywhere you're gonna get

266
00:11:10,120 --> 00:11:15,100
your money back somehow I guess and also

267
00:11:12,120 --> 00:11:17,019
if people want to spend money on crap

268
00:11:15,100 --> 00:11:20,190
these and it is actually harmless like

269
00:11:17,019 --> 00:11:22,569
really it is harmless well then let them

270
00:11:20,190 --> 00:11:25,000
there are other things that cause a lot

271
00:11:22,570 --> 00:11:27,700

more damage and also water divining but

272

00:11:25,000 --> 00:11:30,700

I do feel like basically everyone knows

273

00:11:27,700 --> 00:11:33,550

is nonsense I never do another word then

274

00:11:30,700 --> 00:11:36,210

but I think that most people know that

275

00:11:33,549 --> 00:11:38,459

is basically witchcraft

276

00:11:36,210 --> 00:11:40,500

speaking sand job have you seen the new

277

00:11:38,460 --> 00:11:42,480

product on goop that the plaintiff

278

00:11:40,500 --> 00:11:44,639

portrays got it's the acid face peel

279

00:11:42,480 --> 00:11:46,019

pads that have the the acid stuff on it

280

00:11:44,639 --> 00:11:47,309

so you put it on your face everything

281

00:11:46,019 --> 00:11:49,049

you wouldn't be able to be sold

282

00:11:47,309 --> 00:11:51,179

over-the-counter a very strong acid peel

283

00:11:49,049 --> 00:11:53,729

formulation in in that form would you

284

00:11:51,179 --> 00:11:56,099

that'll be useless well no and at least

285

00:11:53,730 --> 00:12:00,340

it's not for the vagina I suppose well

286

00:11:56,100 --> 00:12:02,769

look don't know ouch now

287

00:12:00,340 --> 00:12:04,450

don't put anything faster yeah that's

288

00:12:02,769 --> 00:12:06,370

true yes oh that's the latest thing - so

289

00:12:04,450 --> 00:12:08,528

get on to that one but yeah I've got to

290

00:12:06,370 --> 00:12:10,330

say yeah water divining and also it's so

291

00:12:08,528 --> 00:12:12,159

tedious to try and prove it and they

292

00:12:10,330 --> 00:12:15,580

argue with you anyway and it's just a

293

00:12:12,159 --> 00:12:17,278

bit pathetic hmm I think what divining

294

00:12:15,580 --> 00:12:20,379

is one of those ones that is basically

295

00:12:17,278 --> 00:12:22,059

almost harmless and I think we could be

296

00:12:20,379 --> 00:12:23,889

spending a lot more time and I think

297

00:12:22,059 --> 00:12:26,889

like a lot of the you know things like

298

00:12:23,889 --> 00:12:28,480

horoscopes and there's psychics that you

299

00:12:26,889 --> 00:12:30,429

get in magazines and stuff it is

300
00:12:28,480 --> 00:12:31,899
basically harmless there are other

301
00:12:30,429 --> 00:12:33,459
psychics who are obviously a real

302
00:12:31,899 --> 00:12:34,929
problem they're actual grief vampires

303
00:12:33,460 --> 00:12:36,310
the people that are scamming money out

304
00:12:34,929 --> 00:12:37,689
of people but if all they're doing is

305
00:12:36,309 --> 00:12:41,049
writing a thing in with a woman's day

306
00:12:37,690 --> 00:12:43,150
saying you know I think that Drew

307
00:12:41,049 --> 00:12:45,789
Barrymore is going to have a baby this

308
00:12:43,149 --> 00:12:46,659
year oh well because they'd all want to

309
00:12:45,789 --> 00:12:47,889
see that's no different all the

310
00:12:46,659 --> 00:12:49,000
journalists in those magazines are doing

311
00:12:47,889 --> 00:12:50,740
themselves they're just making up as

312
00:12:49,000 --> 00:12:52,179
they go along that's true that's a good

313
00:12:50,740 --> 00:12:54,370
point and Drew Barrymore's coming to

314

00:12:52,179 --> 00:12:55,750
Australia shortly to tour for her makeup

315
00:12:54,370 --> 00:12:57,580
range she's doing something in the Bondi

316
00:12:55,750 --> 00:12:59,350
icebergs in about a month or so you're a

317
00:12:57,580 --> 00:13:00,550
fountain of knowledge Maynard well she

318
00:12:59,350 --> 00:13:02,139
rang me she wanted to go on the date I

319
00:13:00,549 --> 00:13:03,969
said okay but you gotta sign that

320
00:13:02,139 --> 00:13:05,110
Playboy magazine would you undercover so

321
00:13:03,970 --> 00:13:06,970
you know who does it might not happen

322
00:13:05,110 --> 00:13:10,629
yet you know she's willable whisp you

323
00:13:06,970 --> 00:13:12,460
know between me and Tom Green there for

324
00:13:10,629 --> 00:13:14,259
a while it was touch-and-go mainly go

325
00:13:12,460 --> 00:13:16,900
and what do you think the skeptics

326
00:13:14,259 --> 00:13:18,129
should give get in the boot to to

327
00:13:16,899 --> 00:13:20,919
concentrate on something to kick a bit

328
00:13:18,129 --> 00:13:25,460

harder I'm not sure I would draw the

329

00:13:20,919 --> 00:13:28,819
line on a particular topic of were

330

00:13:25,460 --> 00:13:30,259
I I think I think we could do a lot in

331

00:13:28,820 --> 00:13:33,339
terms of I'm not sure how well I can

332

00:13:30,259 --> 00:13:37,460
articulate this but um purity of bubble

333

00:13:33,339 --> 00:13:40,820
trying trying to get rid of people who

334

00:13:37,460 --> 00:13:43,060
have differing views I think although it

335

00:13:40,820 --> 00:13:45,379
can be extremely exhausting I think

336

00:13:43,059 --> 00:13:48,309
keeping contact with people who have

337

00:13:45,379 --> 00:13:50,389
differing views so that you can slowly

338

00:13:48,309 --> 00:13:52,669
expose them to different ways of

339

00:13:50,389 --> 00:13:54,740
thinking but I do have to be very

340

00:13:52,669 --> 00:13:56,569
careful with that I do like that I

341

00:13:54,740 --> 00:13:58,250
always like talking to people with a

342

00:13:56,570 --> 00:13:59,750
range of views and I see what you mean

343
00:13:58,250 --> 00:14:00,980
because I was like hearing why people

344
00:13:59,750 --> 00:14:04,100
believe what they believe and I find

345
00:14:00,980 --> 00:14:07,278
that fascinating yeah I had a friend on

346
00:14:04,100 --> 00:14:12,200
Facebook for a while who was a an Isis

347
00:14:07,278 --> 00:14:14,389
supporter until he blocked me wow that

348
00:14:12,200 --> 00:14:17,750
was fun like if an Isis supporter

349
00:14:14,389 --> 00:14:22,009
blocked you how hard glory you not very

350
00:14:17,750 --> 00:14:25,159
but I certainly wasn't buying what they

351
00:14:22,009 --> 00:14:26,838
were selling wow that's a pretty extreme

352
00:14:25,159 --> 00:14:29,000
example of it there well that's good dog

353
00:14:26,839 --> 00:14:30,589
so listen to everybody but like keep an

354
00:14:29,000 --> 00:14:33,339
eye out that's what you say hey yeah

355
00:14:30,589 --> 00:14:36,140
yeah but but yeah don't just don't just

356
00:14:33,339 --> 00:14:38,800
don't don't push a conversation so far

357
00:14:36,139 --> 00:14:41,120
that you drive people away from engaging

358
00:14:38,799 --> 00:14:43,689
because then you're just isolating them

359
00:14:41,120 --> 00:14:46,610
you're just creating these separate

360
00:14:43,690 --> 00:14:48,650
communities and they will find each

361
00:14:46,610 --> 00:14:51,560
other and build up their strength with

362
00:14:48,649 --> 00:14:53,088
each other rather than you know mixing

363
00:14:51,559 --> 00:14:55,229
with you and their and more reasonable

364
00:14:53,089 --> 00:14:58,660
points of view

365
00:14:55,230 --> 00:15:00,310
there we go snuggling hello and look

366
00:14:58,659 --> 00:15:01,750
I've been asking people what we know

367
00:15:00,309 --> 00:15:03,250
skeptics should go a bit easy on their

368
00:15:01,750 --> 00:15:04,179
to concentrate on one of the some of the

369
00:15:03,250 --> 00:15:08,110
things they should give away the

370
00:15:04,179 --> 00:15:09,699
extra-terrestrial hypothesis perhaps I'm

371

00:15:08,110 --> 00:15:11,169
changing I'm not changing the question

372
00:15:09,700 --> 00:15:12,730
completely but I'm just gonna change it

373
00:15:11,169 --> 00:15:14,409
because I'm not really sure I feel like

374
00:15:12,730 --> 00:15:18,070
the medicine stuff is more important

375
00:15:14,409 --> 00:15:20,189
than dealing with UFOs and and the

376
00:15:18,070 --> 00:15:23,950
Bigfoot worker they call it in Australia

377
00:15:20,190 --> 00:15:25,450
the Yowie however you know it all comes

378
00:15:23,950 --> 00:15:27,610
slightly hand-in-hand because if people

379
00:15:25,450 --> 00:15:29,410
are believing stuff like aliens and

380
00:15:27,610 --> 00:15:30,820
Yowies then they're more likely to be

381
00:15:29,409 --> 00:15:34,000
believing the alternative medicine stuff

382
00:15:30,820 --> 00:15:37,690
- on a personal level I feel like I I

383
00:15:34,000 --> 00:15:39,399
have to censor myself sometimes with who

384
00:15:37,690 --> 00:15:39,670
I'm speaking to and what I'm talking

385
00:15:39,399 --> 00:15:42,459

about

386

00:15:39,669 --> 00:15:45,429

you can't fight every battle you have to

387

00:15:42,460 --> 00:15:46,930

pick your battles so I know for example

388

00:15:45,429 --> 00:15:48,429

if my mother tells me something about

389

00:15:46,929 --> 00:15:50,019

some homeopathy she's picked up or

390

00:15:48,429 --> 00:15:51,969

whatever that I can actually with her

391

00:15:50,019 --> 00:15:53,259

tell it like it is and I can tell her

392

00:15:51,970 --> 00:15:54,790

exactly what it is and I can make sure

393

00:15:53,259 --> 00:15:56,679

she or she'll trust me and she'll

394

00:15:54,789 --> 00:15:58,629

believe me but with certain people at

395

00:15:56,679 --> 00:16:01,209

work I know that it's just not worth the

396

00:15:58,629 --> 00:16:02,830

argument so it's it's it's good to sow

397

00:16:01,210 --> 00:16:04,690

the seeds and make them think about it

398

00:16:02,830 --> 00:16:06,490

and question them about it but sometimes

399

00:16:04,690 --> 00:16:09,280

I really have to bite my tongue and just

400
00:16:06,490 --> 00:16:11,379
stop myself just for the sake of being

401
00:16:09,279 --> 00:16:13,509
civil with people you're gonna see the

402
00:16:11,379 --> 00:16:15,129
next day and the next day and when the

403
00:16:13,509 --> 00:16:16,360
paper comes out with the astrology or

404
00:16:15,129 --> 00:16:18,100
whatever you there you're gonna have the

405
00:16:16,360 --> 00:16:20,409
argument at the same time every day

406
00:16:18,100 --> 00:16:22,240
absolutely I opened an umbrella today in

407
00:16:20,409 --> 00:16:24,480
class and half my class went oh my gosh

408
00:16:22,240 --> 00:16:26,278
mace that is bad luck

409
00:16:24,480 --> 00:16:29,699
yeah okay so we had a conversation about

410
00:16:26,278 --> 00:16:31,500
that oh now what do you think then there

411
00:16:29,698 --> 00:16:33,269
should be maybe get having less

412
00:16:31,500 --> 00:16:38,129
attention so that more attention can be

413
00:16:33,269 --> 00:16:39,629
paid more important issues yeah you said

414
00:16:38,129 --> 00:16:41,730
people who said before about thinking

415
00:16:39,629 --> 00:16:44,458
about it was I mean if I sort of had the

416
00:16:41,730 --> 00:16:45,810
view that if you let one thing slip then

417
00:16:44,458 --> 00:16:47,669
you just let the next thing sit and

418
00:16:45,809 --> 00:16:50,399
where do you stop let anything slip your

419
00:16:47,669 --> 00:16:52,259
hand so exactly so you know generally

420
00:16:50,399 --> 00:16:55,078
I'm the sort of put in me my particular

421
00:16:52,259 --> 00:16:56,669
work I pick things up fairly I don't let

422
00:16:55,078 --> 00:16:58,888
things slide so somebody said something

423
00:16:56,669 --> 00:16:59,909
that I think he's well let's say for a

424
00:16:58,889 --> 00:17:02,100
bit of word

425
00:16:59,909 --> 00:17:05,759
I pull them up and I ask exactly what

426
00:17:02,100 --> 00:17:08,519
he's going on so I don't I don't

427
00:17:05,759 --> 00:17:10,109
particularly enjoy people having a

428

00:17:08,519 --> 00:17:13,828
particular view that doesn't can't be

429
00:17:10,109 --> 00:17:15,568
based up or can be backed up and so

430
00:17:13,828 --> 00:17:16,740
there's a lot of you know double

431
00:17:15,568 --> 00:17:18,298
searching if somebody comes up with a

432
00:17:16,740 --> 00:17:21,120
particular fact or reasoning behind

433
00:17:18,298 --> 00:17:24,209
something then there has to be a basis

434
00:17:21,119 --> 00:17:25,739
of why they believe it and I just turned

435
00:17:24,209 --> 00:17:28,318
the question around a little bit so what

436
00:17:25,740 --> 00:17:30,509
is the the incorrect facts that get your

437
00:17:28,318 --> 00:17:31,769
goat the most so if it was like it's

438
00:17:30,509 --> 00:17:33,240
like a time management thing you've got

439
00:17:31,769 --> 00:17:34,950
a whole range of things here that you

440
00:17:33,240 --> 00:17:36,210
could have an argument about what's the

441
00:17:34,950 --> 00:17:38,850
one that would attract you to argue

442
00:17:36,210 --> 00:17:41,970

about the most the issue people that say

443

00:17:38,849 --> 00:17:44,219

like oh my might say this was

444

00:17:41,970 --> 00:17:46,829

you know people the people that take

445

00:17:44,220 --> 00:17:56,579

anecdotal evidence as pure fact on that

446

00:17:46,829 --> 00:17:58,079

face value well here at the bar and of

447

00:17:56,579 --> 00:18:00,869

course it's a big night we were going to

448

00:17:58,079 --> 00:18:02,878

be talking about the Apollo moon program

449

00:18:00,869 --> 00:18:03,898

we carry Doherty I'm looking forward to

450

00:18:02,878 --> 00:18:04,949

this we've got someone who really knows

451

00:18:03,898 --> 00:18:06,239

with the talking about in tonight

452

00:18:04,950 --> 00:18:07,919

absolutely I'm looking forward to a -

453

00:18:06,240 --> 00:18:10,200

it's about space they are the fake moon

454

00:18:07,919 --> 00:18:13,769

landing yes that's a damn good footprint

455

00:18:10,200 --> 00:18:15,149

but on the moon bottom the big question

456

00:18:13,769 --> 00:18:17,038

we've been asking people is what should

457
00:18:15,148 --> 00:18:18,839
skeptics maybe let go of to concentrate

458
00:18:17,038 --> 00:18:20,278
on some bigger issues or you know pick

459
00:18:18,839 --> 00:18:21,538
more important panels there what do you

460
00:18:20,278 --> 00:18:23,700
reckon should be let go some of the

461
00:18:21,538 --> 00:18:26,878
longtime stuff that you skeptics have

462
00:18:23,700 --> 00:18:28,740
been banging on about since the 80s let

463
00:18:26,878 --> 00:18:31,859
go of them they like my children

464
00:18:28,740 --> 00:18:33,450
oh yeah well children do I prefer did

465
00:18:31,859 --> 00:18:35,099
you really be spending much time on I

466
00:18:33,450 --> 00:18:36,600
strategy now you know it probably

467
00:18:35,099 --> 00:18:38,609
astrology's have you did I actually

468
00:18:36,599 --> 00:18:41,609
still have a soft spot for the Loch Ness

469
00:18:38,609 --> 00:18:43,258
monster and I really I would hate to

470
00:18:41,609 --> 00:18:45,538
lose that one but maybe I keep that one

471
00:18:43,259 --> 00:18:46,980
to myself yeah it could be a private

472
00:18:45,538 --> 00:18:48,509
little kind of thing if you like to have

473
00:18:46,980 --> 00:18:50,700
a battle with there me and my monster

474
00:18:48,509 --> 00:18:52,378
together because Loch Ness is a great

475
00:18:50,700 --> 00:18:54,600
place but if you go to any Lough Neagh

476
00:18:52,378 --> 00:18:55,918
there they're all pretty good look and

477
00:18:54,599 --> 00:18:57,209
it doesn't really matter and it doesn't

478
00:18:55,919 --> 00:18:58,500
really have to even be Scotland actually

479
00:18:57,210 --> 00:18:59,879
got a while and they got them - they're

480
00:18:58,500 --> 00:19:01,169
gonna be in Canada they've probably got

481
00:18:59,878 --> 00:19:04,589
to be here as well but they're bunyips

482
00:19:01,169 --> 00:19:06,840
here ok so you reckon sort of you don't

483
00:19:04,589 --> 00:19:09,028
want you don't wanna let go video I love

484
00:19:06,839 --> 00:19:10,408
them all I love them all equally I'd

485

00:19:09,028 --> 00:19:12,179
hate to say that I love one less than

486
00:19:10,409 --> 00:19:13,830
the other but I mean probably we should

487
00:19:12,179 --> 00:19:15,559
concentrate on the big issues that's so

488
00:19:13,829 --> 00:19:18,720
boring though everyone says that

489
00:19:15,558 --> 00:19:22,849
anti-vaxxers chiropractic the the altmed

490
00:19:18,720 --> 00:19:22,850
scene and Loch Ness monster

491
00:19:24,839 --> 00:19:29,609
I'm he would carry dhoti thank you for

492
00:19:26,909 --> 00:19:30,120
your great informative chat I'm glad you

493
00:19:29,609 --> 00:19:31,918
enjoyed it

494
00:19:30,119 --> 00:19:33,089
a lot of information to get in there and

495
00:19:31,919 --> 00:19:34,259
a lot of stuff that would be hard to

496
00:19:33,089 --> 00:19:35,668
find because they would've taken a few

497
00:19:34,259 --> 00:19:38,159
official photos and then moved on

498
00:19:35,669 --> 00:19:40,528
wouldn't they pretty much yeah the I

499
00:19:38,159 --> 00:19:42,600

mean my talk was called you know the

500

00:19:40,528 --> 00:19:44,940

dish was not the whole story very

501

00:19:42,599 --> 00:19:47,128

specifically because we loved the movie

502

00:19:44,940 --> 00:19:49,499

the dish but it is only a movie and

503

00:19:47,128 --> 00:19:50,998

there's a much broader story that's part

504

00:19:49,499 --> 00:19:53,548

of Australia's involvement with the

505

00:19:50,999 --> 00:19:56,460

Apollo program but it's hard to find it

506

00:19:53,548 --> 00:19:59,069

brought together in one place except if

507

00:19:56,460 --> 00:20:01,919

I can give a blatant plug to my own book

508

00:19:59,069 --> 00:20:04,528

yes yes which is called Australia in

509

00:20:01,919 --> 00:20:06,210

space where I've actually set out that

510

00:20:04,528 --> 00:20:08,009

story of Australia's involvement with

511

00:20:06,210 --> 00:20:10,200

the Apollo program I was just watching

512

00:20:08,009 --> 00:20:11,909

them building all the huge dishes around

513

00:20:10,200 --> 00:20:14,610

Australia for Communications and I

514
00:20:11,909 --> 00:20:16,499
thought hang on a minute this is when

515
00:20:14,609 --> 00:20:18,418
they were first developing their nuclear

516
00:20:16,499 --> 00:20:19,618
first-strike capability as well so what

517
00:20:18,419 --> 00:20:21,480
any of those have been used for

518
00:20:19,618 --> 00:20:23,548
communications for American defence

519
00:20:21,480 --> 00:20:26,788
purposes as well not that not the net

520
00:20:23,548 --> 00:20:29,849
solutions the United States was actually

521
00:20:26,788 --> 00:20:32,609
at that time developing a defense

522
00:20:29,849 --> 00:20:34,109
communication system and in fact there

523
00:20:32,609 --> 00:20:37,528
was a very early program they were

524
00:20:34,109 --> 00:20:39,209
looking at that for a while they looked

525
00:20:37,528 --> 00:20:44,128
at having a ground station on Manus

526
00:20:39,210 --> 00:20:46,528
Island in PNG but no none of the nurses

527
00:20:44,128 --> 00:20:50,878
stations certainly in that period were

528
00:20:46,528 --> 00:20:52,019
used for military communications if

529
00:20:50,878 --> 00:20:53,878
they're going back to the moon as you

530
00:20:52,019 --> 00:20:55,200
mentioned earlier there and what will

531
00:20:53,878 --> 00:20:57,298
they have to use in Australia this time

532
00:20:55,200 --> 00:20:59,069
because obviously the earth still a

533
00:20:57,298 --> 00:21:01,638
sphere so they've got to use bits of it

534
00:20:59,069 --> 00:21:03,868
haven't they well NASA actually has a

535
00:21:01,638 --> 00:21:06,178
satellite network that they use for all

536
00:21:03,868 --> 00:21:07,980
their orbital communications now that's

537
00:21:06,179 --> 00:21:10,619
why most of the tracking stations in

538
00:21:07,980 --> 00:21:13,019
Australia accept that Tidbinbilla which

539
00:21:10,618 --> 00:21:14,908
is for the deep space network all the

540
00:21:13,019 --> 00:21:16,919
others was shut down many years ago

541
00:21:14,909 --> 00:21:19,559
because they were made redundant by this

542

00:21:16,919 --> 00:21:21,600
satellite network but for lunar

543
00:21:19,558 --> 00:21:24,658
communications they're still going to

544
00:21:21,599 --> 00:21:27,230
need facilities like Tidbinbilla and I'm

545
00:21:24,659 --> 00:21:30,169
I'm not I actually don't know

546
00:21:27,230 --> 00:21:32,990
assuming that they will probably the

547
00:21:30,169 --> 00:21:35,299
additional dishes constructed in order

548
00:21:32,990 --> 00:21:37,099
to you know provide that extra

549
00:21:35,298 --> 00:21:39,349
communications because you've met you

550
00:21:37,099 --> 00:21:41,058
mentioned about how the TV signal

551
00:21:39,349 --> 00:21:42,740
degraded to because it was analog

552
00:21:41,058 --> 00:21:44,660
communications every time everything had

553
00:21:42,740 --> 00:21:46,039
a hop between a signal there was a bit

554
00:21:44,660 --> 00:21:47,150
of a degradation and this is actually

555
00:21:46,039 --> 00:21:49,009
been one of the things that comes up in

556
00:21:47,150 --> 00:21:51,110

the conspiracy to about the moon-landing

557

00:21:49,009 --> 00:21:52,910

in that why doesn't look any good well

558

00:21:51,109 --> 00:21:54,798

because there was no other way to do it

559

00:21:52,910 --> 00:21:56,000

yeah well that's exactly right that the

560

00:21:54,798 --> 00:21:57,410

technology of the time was the

561

00:21:56,000 --> 00:22:01,308

technology of the time and it had

562

00:21:57,410 --> 00:22:02,870

certain limitations but as on my talk

563

00:22:01,308 --> 00:22:05,058

tonight you would have seen those images

564

00:22:02,869 --> 00:22:07,039

where the actual image is coming back

565

00:22:05,058 --> 00:22:10,190

from the moon were actually somewhat

566

00:22:07,039 --> 00:22:12,079

clearer than what we see on what we saw

567

00:22:10,190 --> 00:22:14,298

on television all the contrast is being

568

00:22:12,079 --> 00:22:16,460

lost yeah because that's right because

569

00:22:14,298 --> 00:22:18,829

of all that degradation being converted

570

00:22:16,460 --> 00:22:21,798

to American system television being sent

571
00:22:18,829 --> 00:22:24,649
by a landline and via satellite from

572
00:22:21,798 --> 00:22:26,150
Australia to the United States so all of

573
00:22:24,650 --> 00:22:27,798
those things were contributing to a loss

574
00:22:26,150 --> 00:22:28,940
of signal along the way

575
00:22:27,798 --> 00:22:30,558
we had a lot of really interesting

576
00:22:28,940 --> 00:22:32,419
information in your talk there what

577
00:22:30,558 --> 00:22:34,220
would be the lesson we should take away

578
00:22:32,419 --> 00:22:37,669
from the from signals from Australia's

579
00:22:34,220 --> 00:22:39,500
history I think the the lesson that we

580
00:22:37,669 --> 00:22:43,040
should take away is that you know

581
00:22:39,500 --> 00:22:46,609
Australia can do world-class space

582
00:22:43,039 --> 00:22:49,849
related communications what do you think

583
00:22:46,609 --> 00:22:51,529
our proudest moment should be oh there's

584
00:22:49,849 --> 00:22:53,178
plenty in there some of the ones are

585
00:22:51,529 --> 00:22:56,750
most dramatic is Apollo but are fairly

586
00:22:53,179 --> 00:22:59,419
breathtaking actually if let's leave

587
00:22:56,750 --> 00:23:01,630
aside Apollo 11 for a minute I think it

588
00:22:59,419 --> 00:23:04,309
has to be the rescue of Apollo 13

589
00:23:01,630 --> 00:23:06,770
because of the the work that was done

590
00:23:04,308 --> 00:23:11,058
here in Australia at honeysuckle and

591
00:23:06,769 --> 00:23:13,308
parks to really untangle the the signal

592
00:23:11,058 --> 00:23:14,928
problems that they had with the lunar

593
00:23:13,308 --> 00:23:16,460
module and the problems with a

594
00:23:14,929 --> 00:23:18,500
conflicting beacon that was coming from

595
00:23:16,460 --> 00:23:19,880
the Saturn 5 stage yes because it was a

596
00:23:18,500 --> 00:23:20,910
very close frequency so it was

597
00:23:19,880 --> 00:23:22,650
interference right

598
00:23:20,910 --> 00:23:25,140
so you know the work they did with that

599

00:23:22,650 --> 00:23:27,509
particularly at parks in you know being

600
00:23:25,140 --> 00:23:29,370
able to tease out that that very faint

601
00:23:27,509 --> 00:23:31,500
signal from a lot of a lot of noise and

602
00:23:29,369 --> 00:23:32,939
interference was really quite

603
00:23:31,500 --> 00:23:34,710
significant you know it was a major

604
00:23:32,940 --> 00:23:36,420
contribution to actually being able to

605
00:23:34,710 --> 00:23:38,279
save the mission then and what is the

606
00:23:36,420 --> 00:23:40,710
book again please and who published it

607
00:23:38,279 --> 00:23:44,639
book is called Australia in space and

608
00:23:40,710 --> 00:23:46,410
the publisher is ATF ATF press they're

609
00:23:44,640 --> 00:23:48,960
in Adelaide they're local publisher and

610
00:23:46,410 --> 00:23:51,090
you can order it online through their

611
00:23:48,960 --> 00:23:52,950
website I want to think we should get

612
00:23:51,089 --> 00:23:56,189
excited about next in the Australia's

613
00:23:52,950 --> 00:23:59,160

adventures in space well I think we need

614

00:23:56,190 --> 00:24:01,019

to get excited about where the having

615

00:23:59,160 --> 00:24:04,019

the space agency is going to take us in

616

00:24:01,019 --> 00:24:05,730

the future well that's it that's a wrap

617

00:24:04,019 --> 00:24:08,099

first get picked in the pub for April

618

00:24:05,730 --> 00:24:10,200

we've been to space we've been to the

619

00:24:08,099 --> 00:24:11,759

bar we've been downstairs and looked at

620

00:24:10,200 --> 00:24:12,870

the future traders drinking at the bar

621

00:24:11,759 --> 00:24:15,059

and let me show that's not a place you

622

00:24:12,869 --> 00:24:17,069

want to be a doctor Dental on a Thursday

623

00:24:15,059 --> 00:24:20,579

night but we'll be back oh hang on so

624

00:24:17,069 --> 00:24:21,929

next month join us the first Thursday in

625

00:24:20,579 --> 00:24:24,049

May at skeptics in the pub you at the

626

00:24:21,930 --> 00:24:27,390

Occidental hotel we'll be talking about

627

00:24:24,049 --> 00:24:29,069

the science of rips that's right if you

628
00:24:27,390 --> 00:24:31,680
go out an Australian surf should you

629
00:24:29,069 --> 00:24:32,879
swim across should use float and weight

630
00:24:31,680 --> 00:24:34,860
you go out to sea and come back again

631
00:24:32,880 --> 00:24:36,660
all of those theories and they're

632
00:24:34,859 --> 00:24:39,000
competing reasons why you shouldn't

633
00:24:36,660 --> 00:24:42,090
shouldn't do them will be discussed next

634
00:24:39,000 --> 00:24:44,579
month in skeptics of the pub skeptics in

635
00:24:42,089 --> 00:24:47,250
the pub in the pub I'm skeptic of the

636
00:24:44,579 --> 00:24:49,349
pub well of this particular day yeah

637
00:24:47,250 --> 00:24:53,329
they put us on the wrong floor okay and

638
00:24:49,349 --> 00:24:53,329
now it's back to Richard in the studio

639
00:25:03,990 --> 00:25:12,269
[Music]

640
00:25:14,480 --> 00:25:18,660
here's some news from our friends at the

641
00:25:16,859 --> 00:25:23,149
Victorian skeptics international

642
00:25:18,660 --> 00:25:26,259
podcasters - keynote at skeptic on 2019

643
00:25:23,150 --> 00:25:26,259
[Music]

644
00:25:26,420 --> 00:25:31,590
The News says we are thrilled to

645
00:25:29,759 --> 00:25:33,660
announce that the entire team from the

646
00:25:31,589 --> 00:25:35,939
acclaimed international podcast the

647
00:25:33,660 --> 00:25:38,700
skeptics guide to the universe are to be

648
00:25:35,940 --> 00:25:40,769
the keynote speakers at skeptic on 2019

649
00:25:38,700 --> 00:25:43,259
the skeptics guide to the universe or

650
00:25:40,769 --> 00:25:45,420
SGU as it's known is one of the most

651
00:25:43,259 --> 00:25:47,759
popular and respected podcasts on

652
00:25:45,420 --> 00:25:50,400
critical thinking reason and the public

653
00:25:47,759 --> 00:25:53,160
understanding of science the first

654
00:25:50,400 --> 00:25:56,490
episode of the SGU podcast went online

655
00:25:53,160 --> 00:25:58,950
on the 4th of May 2005 and today is one

656

00:25:56,490 --> 00:26:00,019
of the most popular science podcasts on

657
00:25:58,950 --> 00:26:03,779
iTunes

658
00:26:00,019 --> 00:26:05,940
the SGU team is also the authors of the

659
00:26:03,779 --> 00:26:08,399
best-selling the skeptics guide to the

660
00:26:05,940 --> 00:26:11,610
universe how to know what's really real

661
00:26:08,400 --> 00:26:14,640
in a world consistently full of fake as

662
00:26:11,609 --> 00:26:16,799
well as listening to the SGU speak

663
00:26:14,640 --> 00:26:18,600
delegates will have the opportunity to

664
00:26:16,799 --> 00:26:20,789
mix with the team at the conference

665
00:26:18,599 --> 00:26:22,889
social events including the Friday night

666
00:26:20,789 --> 00:26:26,369
meet-and-greet and Saturday night's

667
00:26:22,890 --> 00:26:29,340
conference dinner skeptic on 2019 will

668
00:26:26,369 --> 00:26:31,559
include a range of other speakers from

669
00:26:29,339 --> 00:26:33,629
the local and international skeptic

670
00:26:31,559 --> 00:26:36,029

community further announcements will be

671

00:26:33,630 --> 00:26:38,700

made in the coming weeks early bird

672

00:26:36,029 --> 00:26:42,680

tickets for skeptic on 2019 will be

673

00:26:38,700 --> 00:26:42,680

available from the 1st of June

674

00:26:45,200 --> 00:26:49,139

you can read that and get some more

675

00:26:47,429 --> 00:26:53,129

information about the conference in

676

00:26:49,138 --> 00:26:59,038

general by visiting skeptic on org dot

677

00:26:53,128 --> 00:27:01,788

au and skeptic on 2019 will be held in

678

00:26:59,038 --> 00:27:33,028

Melbourne from the 6th to the 8th of

679

00:27:01,788 --> 00:27:35,028

December 2019 and joining me now on the

680

00:27:33,028 --> 00:27:38,429

line all the way from Sydney Australia

681

00:27:35,028 --> 00:27:41,038

it's Tim Mendham hello Tim a very could

682

00:27:38,429 --> 00:27:42,960

I say all the way from Sydney Australia

683

00:27:41,038 --> 00:27:45,028

it's sometimes of the day depending on

684

00:27:42,960 --> 00:27:46,769

when you drive the other side of Sydney

685
00:27:45,028 --> 00:27:51,319
Australia can be like going to the far

686
00:27:46,769 --> 00:27:53,159
side of the moon I think they can be now

687
00:27:51,319 --> 00:27:54,898
skeptics and listen is a very familiar

688
00:27:53,159 --> 00:27:57,330
with Tim minimum of course I'm often

689
00:27:54,898 --> 00:27:59,008
reading articles and reports and press

690
00:27:57,329 --> 00:28:01,678
releases from Tim Mendham the editor of

691
00:27:59,009 --> 00:28:04,378
the skeptic magazine and indeed you'll

692
00:28:01,679 --> 00:28:06,480
you would have heard Tim on this week's

693
00:28:04,378 --> 00:28:09,119
episode when he was interviewed by main

694
00:28:06,480 --> 00:28:11,849
islet skeptics in the pub but last week

695
00:28:09,119 --> 00:28:15,349
Tim I read out the report you wrote 30

696
00:28:11,849 --> 00:28:17,699
years ago about the very first

697
00:28:15,349 --> 00:28:20,898
mind/body/spirit in Sydney what do you

698
00:28:17,700 --> 00:28:23,970
recall from that 30 years ago much

699
00:28:20,898 --> 00:28:27,959
rather dates me doesn't it it does the

700
00:28:23,970 --> 00:28:30,440
interesting thing is it's a basic same

701
00:28:27,960 --> 00:28:35,490
products and things the same sort of

702
00:28:30,440 --> 00:28:37,080
lack of incisive review of the products

703
00:28:35,490 --> 00:28:39,870
they have been the crystals and the

704
00:28:37,079 --> 00:28:41,398
therapies and the psychics and and the

705
00:28:39,869 --> 00:28:44,489
classics or the stuff that goes with a

706
00:28:41,398 --> 00:28:45,959
new age type festival no I've seen over

707
00:28:44,490 --> 00:28:48,899
the years I guess I've been going for

708
00:28:45,960 --> 00:28:51,450
about 10 plus years regularly I've

709
00:28:48,898 --> 00:28:54,298
certainly seen things come and go you

710
00:28:51,450 --> 00:28:56,999
know a odd little new age whatever's

711
00:28:54,298 --> 00:28:58,709
more a device or a machine or a mandala

712
00:28:56,999 --> 00:29:01,618
but there are some evergreens out there

713

00:28:58,709 --> 00:29:02,909
there always are and which is rather sad

714
00:29:01,618 --> 00:29:05,368
that some of these things never change

715
00:29:02,909 --> 00:29:07,499
the crystals were there at enforce the

716
00:29:05,368 --> 00:29:09,178
the aromas the little burning of incense

717
00:29:07,499 --> 00:29:10,769
that sort of stuff obviously the

718
00:29:09,179 --> 00:29:13,798
psychics themselves they have a big room

719
00:29:10,769 --> 00:29:16,019
put aside for our musty about twenty

720
00:29:13,798 --> 00:29:19,348
thirty psychics all sort of taking

721
00:29:16,019 --> 00:29:21,868
readings constantly yeah there's the

722
00:29:19,348 --> 00:29:23,308
meditation people are there and one of

723
00:29:21,868 --> 00:29:25,438
the things that does change is probably

724
00:29:23,308 --> 00:29:27,298
all the the IT stuff is now coming in a

725
00:29:25,439 --> 00:29:29,159
bit more obviously thirty years ago

726
00:29:27,298 --> 00:29:30,838
there wasn't a lot of personal computers

727
00:29:29,159 --> 00:29:33,179

and people doing that sort of analysis

728

00:29:30,838 --> 00:29:35,308

and that's propping up now using those

729

00:29:33,179 --> 00:29:36,509

sort of tools rather than people's

730

00:29:35,308 --> 00:29:38,638

psychic powers

731

00:29:36,509 --> 00:29:40,108

well it's your help yeah that you make a

732

00:29:38,638 --> 00:29:42,628

good point because one of the things

733

00:29:40,108 --> 00:29:46,438

we've noticed in the past all four four

734

00:29:42,628 --> 00:29:48,808

years three four years is this device

735

00:29:46,439 --> 00:29:50,999

where one of them is called the Metatron

736

00:29:48,808 --> 00:29:53,608

and for people not familiar it's like a

737

00:29:50,999 --> 00:29:55,858

laptop computer you hook up by a pair of

738

00:29:53,608 --> 00:29:58,978

headphones to your head and the idea is

739

00:29:55,858 --> 00:30:00,749

it sends vibrations from the laptop

740

00:29:58,979 --> 00:30:02,759

through your body bounce back through

741

00:30:00,749 --> 00:30:04,949

the headphones and display your organs

742
00:30:02,759 --> 00:30:06,568
on the screen I take it they were there

743
00:30:04,949 --> 00:30:08,399
again they were there again

744
00:30:06,568 --> 00:30:11,068
yes yeah they're really out there sort

745
00:30:08,398 --> 00:30:12,238
of doing exactly that they were the sort

746
00:30:11,068 --> 00:30:13,949
of people using differences with the

747
00:30:12,239 --> 00:30:14,999
Scientologist were they well that's

748
00:30:13,949 --> 00:30:17,129
interesting you should say that because

749
00:30:14,999 --> 00:30:19,348
in the article I read out last week from

750
00:30:17,128 --> 00:30:21,568
30 years ago they were there as well

751
00:30:19,348 --> 00:30:27,118
yeah and they're still using their a

752
00:30:21,568 --> 00:30:30,088
meter and the fellow I was with went

753
00:30:27,118 --> 00:30:32,188
down and I went for a reading a test of

754
00:30:30,088 --> 00:30:35,098
his stress levels etc which is basically

755
00:30:32,189 --> 00:30:37,169
what the email is suppose mm-hmm and he

756
00:30:35,098 --> 00:30:38,908
told them yes a lot of untruths would

757
00:30:37,169 --> 00:30:42,028
say obviously couldn't differentiate

758
00:30:38,909 --> 00:30:43,859
from any truth that people have a mater

759
00:30:42,028 --> 00:30:46,439
just finds what it wants to find or what

760
00:30:43,858 --> 00:30:47,428
the operator wanted to find yes doesn't

761
00:30:46,439 --> 00:30:51,109
matter if you're telling the truth or

762
00:30:47,429 --> 00:30:53,548
not it's just it's just a gimmick and

763
00:30:51,108 --> 00:30:55,168
again you mentioned before it is this

764
00:30:53,548 --> 00:30:57,689
it's a lot of the same things like

765
00:30:55,169 --> 00:31:00,619
crystal healing a lot of crystal healing

766
00:30:57,689 --> 00:31:04,079
a lot of spiritualists a lot of

767
00:31:00,618 --> 00:31:06,689
supposedly Eastern Tibetan philosophies

768
00:31:04,078 --> 00:31:08,668
and that sort of stuff meditation based

769
00:31:06,690 --> 00:31:10,620
there was an organization doing

770

00:31:08,669 --> 00:31:12,210
meditation sessions

771
00:31:10,619 --> 00:31:14,819
very friendly actually I must have it

772
00:31:12,210 --> 00:31:16,650
when I went in for a minute or 10 minute

773
00:31:14,819 --> 00:31:20,129
meditation session was rather hard as

774
00:31:16,650 --> 00:31:22,830
you would know you go to the mind body

775
00:31:20,130 --> 00:31:24,240
while it's things are very noisy mm-hmm

776
00:31:22,829 --> 00:31:25,649
a lot of people making noises a lot of

777
00:31:24,240 --> 00:31:27,179
people talking away so so trying to

778
00:31:25,650 --> 00:31:27,860
meditate in that sort of environment is

779
00:31:27,179 --> 00:31:32,028
not easy

780
00:31:27,859 --> 00:31:33,658
it proved not easy but other things were

781
00:31:32,028 --> 00:31:36,450
whereas they were probably pretty

782
00:31:33,659 --> 00:31:38,669
well-meaning it's just pure meditation

783
00:31:36,450 --> 00:31:40,919
really there's no you extra special but

784
00:31:38,669 --> 00:31:43,080

there are other areas where you see the

785

00:31:40,919 --> 00:31:46,528

things that protect you from radiation

786

00:31:43,079 --> 00:31:48,720

from phone yes my radiation is there yes

787

00:31:46,528 --> 00:31:49,890

over there again the ones that you plug

788

00:31:48,720 --> 00:31:53,009

in the wall where there's nothing inside

789

00:31:49,890 --> 00:31:55,320

them just protect you from radiation a

790

00:31:53,009 --> 00:31:57,179

different group although we dealt with

791

00:31:55,319 --> 00:31:58,288

some of these people before yeah but a

792

00:31:57,179 --> 00:32:01,048

different group of selling the same

793

00:31:58,288 --> 00:32:02,908

product really yeah this is all based on

794

00:32:01,048 --> 00:32:05,940

this wonderful thing called all gone

795

00:32:02,909 --> 00:32:08,250

energy that's right yeah I mean there's

796

00:32:05,940 --> 00:32:10,880

a product called geo cleanse geo cleanse

797

00:32:08,250 --> 00:32:12,960

you use the one you plug into the wall

798

00:32:10,880 --> 00:32:14,220

looks like a double of that or something

799

00:32:12,960 --> 00:32:15,899
but nothing really there's nothing in

800

00:32:14,220 --> 00:32:18,450
there they had the little stickers you

801

00:32:15,898 --> 00:32:19,739
put on phones mobile phones yeah

802

00:32:18,450 --> 00:32:20,909
absolutely nothing but they had a whole

803

00:32:19,740 --> 00:32:23,339
range of these things feels quite

804

00:32:20,909 --> 00:32:25,919
expensive the variations they had of

805

00:32:23,339 --> 00:32:28,798
these things too to protect you another

806

00:32:25,919 --> 00:32:31,320
one that I know you've met before in

807

00:32:28,798 --> 00:32:34,589
very interesting circumstances those are

808

00:32:31,319 --> 00:32:36,839
people selling inner soles yo-yo like

809

00:32:34,589 --> 00:32:38,639
things to go inside your shoes to

810

00:32:36,839 --> 00:32:41,579
actually improve your balance and your

811

00:32:38,640 --> 00:32:44,309
strength and he was doing he was doing a

812

00:32:41,579 --> 00:32:46,379
test and I would test will you stand

813
00:32:44,308 --> 00:32:49,019
there with your hands one fist inside

814
00:32:46,380 --> 00:32:50,549
another yes and he pulls you down and

815
00:32:49,019 --> 00:32:52,558
show with your balance is and then put

816
00:32:50,548 --> 00:32:54,569
you on these two old shoes and can't put

817
00:32:52,558 --> 00:32:57,389
you can't pull your cross amazing

818
00:32:54,569 --> 00:32:59,369
instead of ten years ago you would have

819
00:32:57,390 --> 00:33:01,259
worn the Power Balance wristband these

820
00:32:59,369 --> 00:33:04,079
days you can use some special insoles

821
00:33:01,259 --> 00:33:06,359
and mystically the same thing happens

822
00:33:04,079 --> 00:33:11,449
the interesting thing was he stressed

823
00:33:06,359 --> 00:33:12,629
very strongly that um he has this TTA

824
00:33:11,450 --> 00:33:14,308
imprimatur

825
00:33:12,630 --> 00:33:16,350
oh yeah on the Therapeutic Goods

826
00:33:14,308 --> 00:33:18,629
Administration that he says yeah I

827

00:33:16,349 --> 00:33:21,298
wouldn't do this unless I had this TTA

828
00:33:18,630 --> 00:33:23,669
you know sort of license if you like

829
00:33:21,298 --> 00:33:24,539
look at the plane he used the Tommies of

830
00:33:23,669 --> 00:33:26,100
course that with the

831
00:33:24,539 --> 00:33:28,980
da listing but all you have to do is

832
00:33:26,099 --> 00:33:30,990
write in and say you do these thing here

833
00:33:28,980 --> 00:33:33,210
mostly it's all computer-based and the

834
00:33:30,990 --> 00:33:34,740
TVA doesn't test all that many of these

835
00:33:33,210 --> 00:33:37,319
things that are just there to be listed

836
00:33:34,740 --> 00:33:39,960
yeah yeah so he was using this though as

837
00:33:37,319 --> 00:33:41,220
a selling point and I think that's

838
00:33:39,960 --> 00:33:43,170
something we should know really closely

839
00:33:41,220 --> 00:33:46,500
because which is what we've been saying

840
00:33:43,170 --> 00:33:48,150
to the TGA for some time is that if they

841
00:33:46,500 --> 00:33:51,839

don't test it anyone can say anything

842

00:33:48,150 --> 00:33:54,870

and claim that if we approve by the TGA

843

00:33:51,839 --> 00:33:57,089

body and and that we've seen them do

844

00:33:54,869 --> 00:33:58,979

this for years they say look see it's

845

00:33:57,089 --> 00:34:01,859

been approved by the government and for

846

00:33:58,980 --> 00:34:03,509

the average punter that means it must

847

00:34:01,859 --> 00:34:05,339

work that's right

848

00:34:03,509 --> 00:34:08,130

but he was stressing this he Bank made

849

00:34:05,339 --> 00:34:10,409

this a big point of his sales pitch yeah

850

00:34:08,130 --> 00:34:11,849

and these things they chill things go

851

00:34:10,409 --> 00:34:15,329

for several hundred dollars so they're

852

00:34:11,849 --> 00:34:17,880

not they're not cheap so but that really

853

00:34:15,329 --> 00:34:19,769

worried me and I know that you've had

854

00:34:17,880 --> 00:34:22,500

dealings with this same fellow before

855

00:34:19,769 --> 00:34:25,500

yes and and many more of their sort of

856
00:34:22,500 --> 00:34:27,239
ilk are doing these balance tests on a

857
00:34:25,500 --> 00:34:29,579
range of products over the years I've

858
00:34:27,239 --> 00:34:31,409
seen another thing Tim that I've always

859
00:34:29,579 --> 00:34:33,569
noticed over the years and I wonder how

860
00:34:31,409 --> 00:34:35,489
it compares to 30 years ago is you'll

861
00:34:33,570 --> 00:34:39,179
get stand selling things like some

862
00:34:35,489 --> 00:34:41,939
alkaline water or salts or the juices of

863
00:34:39,179 --> 00:34:44,789
this and that if far those have changed

864
00:34:41,940 --> 00:34:47,280
I mean obviously there's a lot of what a

865
00:34:44,789 --> 00:34:48,779
health food stall Farish really knowing

866
00:34:47,280 --> 00:34:51,179
all sorts of things even nuga which

867
00:34:48,780 --> 00:34:53,730
surprises think oh yeah I don't know how

868
00:34:51,179 --> 00:34:55,800
well he does but he asked me to be ok

869
00:34:53,730 --> 00:34:57,090
the the medical products the pseudo

870
00:34:55,800 --> 00:34:58,890
medical products are pseudo health

871
00:34:57,090 --> 00:35:00,860
products I think they change

872
00:34:58,889 --> 00:35:02,789
I must mean I don't recall that many

873
00:35:00,860 --> 00:35:05,519
they're probably worth something that's

874
00:35:02,789 --> 00:35:07,769
from 30 years ago but Sophie they were

875
00:35:05,519 --> 00:35:09,690
they were there this year the salt the

876
00:35:07,769 --> 00:35:12,000
special waters the treated waters the

877
00:35:09,690 --> 00:35:13,740
magic one there were a lot of things

878
00:35:12,000 --> 00:35:17,010
they were talking about energy is and

879
00:35:13,739 --> 00:35:18,989
spirit and infusing yes folks were there

880
00:35:17,010 --> 00:35:22,020
sort of stuff so that's very prevalent

881
00:35:18,989 --> 00:35:24,989
there also we had a chat with someone

882
00:35:22,019 --> 00:35:27,389
who's they were doing a lot of Reiki

883
00:35:24,989 --> 00:35:29,369
plant things well knew yes sitting hands

884

00:35:27,389 --> 00:35:32,099
absolutely all of that going on a people

885
00:35:29,369 --> 00:35:34,440
sort of lying down on benches and beings

886
00:35:32,099 --> 00:35:37,650
that have healed but there's wonderfully

887
00:35:34,440 --> 00:35:38,400
we spoke to who was part of a group they

888
00:35:37,650 --> 00:35:40,740
were doing this

889
00:35:38,400 --> 00:35:42,298
hailing basically all they did he said

890
00:35:40,739 --> 00:35:45,659
there's his holes points on the brain

891
00:35:42,298 --> 00:35:46,798
like meridians in acupuncture but there

892
00:35:45,659 --> 00:35:48,149
were different points there were

893
00:35:46,798 --> 00:35:49,920
different called different things so

894
00:35:48,150 --> 00:35:51,660
they were the same as meridians mmm

895
00:35:49,920 --> 00:35:53,369
basically he said you could do a

896
00:35:51,659 --> 00:35:56,429
training course in one day and then

897
00:35:53,369 --> 00:35:58,769
start practicing and these things were

898
00:35:56,429 --> 00:36:00,358

charging decent money for this like 15

899

00:35:58,769 --> 00:36:02,940

minute session someone would basically

900

00:36:00,358 --> 00:36:05,098

just lie there and the practitioner

901

00:36:02,940 --> 00:36:07,470

would just put their hand on the head or

902

00:36:05,099 --> 00:36:09,359

behind the head like you know top of the

903

00:36:07,469 --> 00:36:14,098

neck that sort of thing and that was it

904

00:36:09,358 --> 00:36:15,690

yeah yeah I could do we've always said

905

00:36:14,099 --> 00:36:17,269

we're in the wrong business team we are

906

00:36:15,690 --> 00:36:21,630

the wrong business

907

00:36:17,269 --> 00:36:23,608

well that's I mean it's it's a regular

908

00:36:21,630 --> 00:36:25,349

thing I put myself through where I'm in

909

00:36:23,608 --> 00:36:27,150

the country lately I've not always been

910

00:36:25,349 --> 00:36:29,400

in the country but a mind body spirit

911

00:36:27,150 --> 00:36:32,039

mind body well it is we call of it but

912

00:36:29,400 --> 00:36:34,680

folks around the world around the world

913
00:36:32,039 --> 00:36:37,680
you are likely to find somewhere near

914
00:36:34,679 --> 00:36:39,960
you some sort of New Age festival with

915
00:36:37,679 --> 00:36:42,028
psychics and healers and altmed and all

916
00:36:39,960 --> 00:36:43,889
sorts of things and we've said Tim for

917
00:36:42,028 --> 00:36:45,929
many years that at least once every

918
00:36:43,889 --> 00:36:48,960
skeptic owes it to themselves to go

919
00:36:45,929 --> 00:36:50,219
along and see what it's like yeah and

920
00:36:48,960 --> 00:36:52,559
the thing is of course you know you go

921
00:36:50,219 --> 00:36:55,019
there okay maybe more than once every 30

922
00:36:52,559 --> 00:36:56,880
years I have been made more the ones of

923
00:36:55,019 --> 00:36:58,619
you thirty if you have but it's a lot of

924
00:36:56,880 --> 00:37:00,900
stuff that doesn't change and I think is

925
00:36:58,619 --> 00:37:03,028
of course crystals crystals everywhere

926
00:37:00,900 --> 00:37:05,849
my favourite is the pyramid shaped

927
00:37:03,028 --> 00:37:07,619
crystals they're covering up a lot of a

928
00:37:05,849 --> 00:37:09,269
lot of health benefits in one go but

929
00:37:07,619 --> 00:37:11,160
that sort of thing that yes a lot of

930
00:37:09,269 --> 00:37:13,288
things stay exactly the same after 30

931
00:37:11,159 --> 00:37:15,000
years and as always there is something

932
00:37:13,289 --> 00:37:17,010
new and often a bit of technology that's

933
00:37:15,000 --> 00:37:18,809
new one thing I was interested actually

934
00:37:17,010 --> 00:37:21,119
a bit disappointed here I must admit in

935
00:37:18,809 --> 00:37:22,920
the program there was a list of a lot of

936
00:37:21,119 --> 00:37:24,539
organisations that didn't seem to be

937
00:37:22,920 --> 00:37:26,818
they that's free to attend these days

938
00:37:24,539 --> 00:37:28,319
yes he used to have to charge for and of

939
00:37:26,818 --> 00:37:29,788
course you have to pay for would pay to

940
00:37:28,318 --> 00:37:31,798
get in but now it's free to attend

941

00:37:29,789 --> 00:37:34,680
obviously they're trying to get enough

942
00:37:31,798 --> 00:37:36,329
money from the exhibitors to make it

943
00:37:34,679 --> 00:37:37,649
worthwhile plus of course they want to

944
00:37:36,329 --> 00:37:38,099
make sure there's enough people coming

945
00:37:37,650 --> 00:37:40,170
through

946
00:37:38,099 --> 00:37:42,000
yeah and they often have relationships

947
00:37:40,170 --> 00:37:44,519
with an exhibition for a totally

948
00:37:42,000 --> 00:37:47,190
different area next door and they might

949
00:37:44,519 --> 00:37:49,588
swap attendances and that sort of stuff

950
00:37:47,190 --> 00:37:51,028
there was a home's exhibition all of a

951
00:37:49,588 --> 00:37:51,929
building and plumbing and that sort of

952
00:37:51,028 --> 00:37:53,610
nothing

953
00:37:51,929 --> 00:37:57,449
and there they were offering a

954
00:37:53,610 --> 00:37:59,400
two-for-one deal which is free of okay

955
00:37:57,449 --> 00:38:00,960

so one thing they had a list of the

956

00:37:59,400 --> 00:38:02,849
program all very professionally put

957

00:38:00,960 --> 00:38:04,139
together hmm and they had the list of

958

00:38:02,849 --> 00:38:06,809
the exhibitors and one thing I was

959

00:38:04,139 --> 00:38:08,969
disappointed was supposedly side by side

960

00:38:06,809 --> 00:38:11,369
we're going to be the Scientologists and

961

00:38:08,969 --> 00:38:13,439
the Catholic Church hmm now I would have

962

00:38:11,369 --> 00:38:15,929
felt very excited to sit there and go

963

00:38:13,440 --> 00:38:17,400
yes yes no no but go one to the other

964

00:38:15,929 --> 00:38:19,409
and I thought you the Catholics weren't

965

00:38:17,400 --> 00:38:20,579
there I don't know why maybe they but

966

00:38:19,409 --> 00:38:24,569
maybe they've had some bad press lately

967

00:38:20,579 --> 00:38:26,940
I don't know we don't know but you make

968

00:38:24,570 --> 00:38:29,160
a good point and also I think partly why

969

00:38:26,940 --> 00:38:31,679
it's free these days and has been for

970
00:38:29,159 --> 00:38:33,719
about two years now I think because you

971
00:38:31,679 --> 00:38:36,000
have to register online to get you a

972
00:38:33,719 --> 00:38:38,759
free ticket and it's just another way to

973
00:38:36,000 --> 00:38:41,179
harvest emails I'm sure I'm sure it is

974
00:38:38,760 --> 00:38:43,410
but also don't just saying just turn up

975
00:38:41,179 --> 00:38:45,319
quite frankly when I was there for the

976
00:38:43,409 --> 00:38:48,149
you know hanging around the infants way

977
00:38:45,320 --> 00:38:49,830
waiting for someone to come they just

978
00:38:48,150 --> 00:38:51,240
said I just come along oh well there you

979
00:38:49,829 --> 00:38:52,650
go there's no bad use for anything you

980
00:38:51,239 --> 00:38:52,829
can just wander in no one knows who you

981
00:38:52,650 --> 00:38:54,240
are

982
00:38:52,829 --> 00:38:55,889
yeah yeah so you don't have to

983
00:38:54,239 --> 00:38:57,479
pre-register necessarily you can just

984
00:38:55,889 --> 00:38:58,650
clean up they have to make up an email

985
00:38:57,480 --> 00:39:00,539
address if you want to they'd be a

986
00:38:58,650 --> 00:39:02,670
terrible thing to do I would I wouldn't

987
00:39:00,539 --> 00:39:04,800
suggest that at all no no no but they

988
00:39:02,670 --> 00:39:07,079
just turn up so I think they do need the

989
00:39:04,800 --> 00:39:09,510
numbers obviously they do it was fairly

990
00:39:07,079 --> 00:39:11,579
crowded it was a pretty it looks pretty

991
00:39:09,510 --> 00:39:14,250
successful I've been to many exhibitions

992
00:39:11,579 --> 00:39:17,159
and this one had a decent turnout of a

993
00:39:14,250 --> 00:39:20,250
lot of it again folks it really is if

994
00:39:17,159 --> 00:39:22,469
you consider yourself a skeptic on the

995
00:39:20,250 --> 00:39:24,030
move wanting to know and see what's

996
00:39:22,469 --> 00:39:26,009
going on it's worth visiting one of

997
00:39:24,030 --> 00:39:28,050
these things apart from that Tim you are

998

00:39:26,010 --> 00:39:29,880
of course as our listeners know you are

999
00:39:28,050 --> 00:39:31,380
the editor of the skeptic magazine the

1000
00:39:29,880 --> 00:39:33,269
journal from the Australian skeptics and

1001
00:39:31,380 --> 00:39:35,610
what I've been doing over the past

1002
00:39:33,269 --> 00:39:38,099
months now is I've been poring over the

1003
00:39:35,610 --> 00:39:40,019
thousands of articles and items and

1004
00:39:38,099 --> 00:39:41,489
reports from the pages of the skeptics

1005
00:39:40,019 --> 00:39:43,679
and every now and then I think now

1006
00:39:41,489 --> 00:39:46,739
that's a good one to read out what's

1007
00:39:43,679 --> 00:39:49,710
coming up or can our listeners even dare

1008
00:39:46,739 --> 00:39:51,419
I say help you listeners could always

1009
00:39:49,710 --> 00:39:53,400
help us actually I'm always sort of as

1010
00:39:51,420 --> 00:39:55,559
an editor you know they're people who

1011
00:39:53,400 --> 00:39:56,010
contribute editorial are always worth

1012
00:39:55,559 --> 00:39:58,380

gold

1013

00:39:56,010 --> 00:40:01,410

hmm no I'm always on the lookout for new

1014

00:39:58,380 --> 00:40:03,420

topics and new submissions of editorial

1015

00:40:01,409 --> 00:40:05,809

they can just get in touch with me 5 a

1016

00:40:03,420 --> 00:40:09,539

skeptic the skeptic website

1017

00:40:05,809 --> 00:40:11,909

editor and skeptics kamidana you always

1018

00:40:09,539 --> 00:40:13,440

always very willing to hear from people

1019

00:40:11,909 --> 00:40:15,480

who might have an idea for a story

1020

00:40:13,440 --> 00:40:18,000

that's great there you are folks if you

1021

00:40:15,480 --> 00:40:20,340

want to have your chance to maybe be

1022

00:40:18,000 --> 00:40:22,320

published in a skeptical journal that

1023

00:40:20,340 --> 00:40:24,329

Tim Mendham the editor is always

1024

00:40:22,320 --> 00:40:26,700

interested in news stories new articles

1025

00:40:24,329 --> 00:40:28,739

I think Tim it's fair to say hopefully

1026

00:40:26,699 --> 00:40:30,629

with an Australian flavor an Australian

1027
00:40:28,739 --> 00:40:32,669
point of view but it's quite broad isn't

1028
00:40:30,630 --> 00:40:33,269
it it is very broad actually I mean sort

1029
00:40:32,670 --> 00:40:34,559
of

1030
00:40:33,269 --> 00:40:35,909
I mean the magazine's been around for a

1031
00:40:34,559 --> 00:40:38,279
long we're coming up to our 40th

1032
00:40:35,909 --> 00:40:40,379
anniversary Wow we are yes

1033
00:40:38,280 --> 00:40:42,630
pretty impressive any other publication

1034
00:40:40,380 --> 00:40:45,059
anywhere in the world actually but 40

1035
00:40:42,630 --> 00:40:47,880
years we're coming up to our 39th and

1036
00:40:45,059 --> 00:40:50,759
the second issue of the 30 months volume

1037
00:40:47,880 --> 00:40:52,619
and so yeah we we do cover a whole range

1038
00:40:50,760 --> 00:40:55,770
of stuff the obviously cover a lot of

1039
00:40:52,619 --> 00:40:57,960
the more sort of high-profile areas of

1040
00:40:55,769 --> 00:41:00,030
alternative medicine and that quackery

1041
00:40:57,960 --> 00:41:02,579
but we like to cover everything from the

1042
00:41:00,030 --> 00:41:02,760
classic sceptics topics to all sorts of

1043
00:41:02,579 --> 00:41:04,170
stuff

1044
00:41:02,760 --> 00:41:08,730
the interesting thing when you say in

1045
00:41:04,170 --> 00:41:10,829
Australian town or to these things a lot

1046
00:41:08,730 --> 00:41:12,750
of the stuff is universal yes it's

1047
00:41:10,829 --> 00:41:15,199
that's the sad thing I mean yeah you do

1048
00:41:12,750 --> 00:41:18,960
find the same active axis and the same

1049
00:41:15,199 --> 00:41:22,259
unknown creatures around the world you

1050
00:41:18,960 --> 00:41:23,880
do you do large walking ape-like

1051
00:41:22,260 --> 00:41:25,560
creatures and anti-vaxxers are

1052
00:41:23,880 --> 00:41:27,720
everywhere I think maybe they go hand in

1053
00:41:25,559 --> 00:41:30,360
hand who knows I'd like to see them

1054
00:41:27,719 --> 00:41:32,339
walking handed into the forest in a way

1055

00:41:30,360 --> 00:41:34,200
I think any place where they can boot I

1056
00:41:32,340 --> 00:41:36,120
think I'd have to agree with you there

1057
00:41:34,199 --> 00:41:37,799
well there you are folks there's the the

1058
00:41:36,119 --> 00:41:39,690
clue for you if you want to get in touch

1059
00:41:37,800 --> 00:41:40,980
with Tim in the mouth add a link in this

1060
00:41:39,690 --> 00:41:43,110
week's show notes but it's easy enough

1061
00:41:40,980 --> 00:41:43,800
at skeptics calm today you and you can

1062
00:41:43,110 --> 00:41:45,510
take it from there

1063
00:41:43,800 --> 00:41:47,700
well thank you very much Tim I look

1064
00:41:45,510 --> 00:41:50,040
forward to catching up with you soon and

1065
00:41:47,699 --> 00:41:52,949
maybe who knows we can explore another

1066
00:41:50,039 --> 00:41:55,969
mind body wallet together I can't and

1067
00:41:52,949 --> 00:41:55,969
repair my energy

1068
00:42:04,750 --> 00:42:13,179
[Music]

1069
00:42:09,929 --> 00:42:20,259

free flu vaccination day in Sydney on

1070

00:42:13,179 --> 00:42:23,139

the 4th of May getting vaccinated

1071

00:42:20,260 --> 00:42:24,160

against seasonal flu protects you and

1072

00:42:23,139 --> 00:42:26,529

your community

1073

00:42:24,159 --> 00:42:29,920

sir Australian skeptics Inc is once

1074

00:42:26,530 --> 00:42:34,720

again hosting a free flu vaccination

1075

00:42:29,920 --> 00:42:37,420

clinic this will be held at the East

1076

00:42:34,719 --> 00:42:39,689

Sydney doctors on Saturday the 4th of

1077

00:42:37,420 --> 00:42:42,940

May from 2 p.m.

1078

00:42:39,690 --> 00:42:45,400

vaccines are free for attendees although

1079

00:42:42,940 --> 00:42:47,920

some people may already qualify for free

1080

00:42:45,400 --> 00:42:51,579

vaccines under the National immunisation

1081

00:42:47,920 --> 00:42:54,039

program any unused vaccines will be

1082

00:42:51,579 --> 00:42:59,019

donated to the East Sydney doctors to

1083

00:42:54,039 --> 00:43:02,590

distribute to the community East Sydney

1084
00:42:59,019 --> 00:43:07,360
doctors is located at 102 virtus treat

1085
00:43:02,590 --> 00:43:09,519
Darlinghurst New South Wales don't

1086
00:43:07,360 --> 00:43:12,720
forget to bring your Medicare card and

1087
00:43:09,519 --> 00:43:16,269
if you're interested in attending simply

1088
00:43:12,719 --> 00:43:19,509
register your interest at the links in

1089
00:43:16,269 --> 00:43:22,309
this week's show notes or visit wwf/e

1090
00:43:19,510 --> 00:43:40,070
XCOM you

1091
00:43:22,309 --> 00:43:43,349
[Music]

1092
00:43:40,070 --> 00:43:47,250
now from New Zealand the land of long

1093
00:43:43,349 --> 00:43:50,460
white cloud and some tall tales we read

1094
00:43:47,250 --> 00:43:54,150
from the Southland Times psychic

1095
00:43:50,460 --> 00:43:59,639
information an oxymoronic offering for

1096
00:43:54,150 --> 00:44:02,840
police searches published on the 2nd of

1097
00:43:59,639 --> 00:44:06,150
April 2019

1098
00:44:02,840 --> 00:44:10,829
there's a reason police don't work with

1099
00:44:06,150 --> 00:44:12,869
psychics psychics don't work which is a

1100
00:44:10,829 --> 00:44:15,150
bit of an issue in the results

1101
00:44:12,869 --> 00:44:17,880
orientated realms in which police and

1102
00:44:15,150 --> 00:44:21,210
search and rescue personnel operate with

1103
00:44:17,880 --> 00:44:24,420
the best will in the other world not one

1104
00:44:21,210 --> 00:44:28,260
example of face scrunched chest

1105
00:44:24,420 --> 00:44:30,720
tightening I feel such a chill emoting

1106
00:44:28,260 --> 00:44:36,060
has yet solved the single New Zealand

1107
00:44:30,719 --> 00:44:38,789
murder will resolve the search to which

1108
00:44:36,059 --> 00:44:43,500
the makers of televisions sensing murder

1109
00:44:38,789 --> 00:44:46,730
remind us well it's not called solving

1110
00:44:43,500 --> 00:44:50,039
murder to them success rates mean

1111
00:44:46,730 --> 00:44:51,929
successful ratings they make Airy claims

1112

00:44:50,039 --> 00:44:54,929
about drawing public attention to

1113
00:44:51,929 --> 00:44:57,210
unresolved cases one sensing murder

1114
00:44:54,929 --> 00:45:00,359
representative explained that the aim

1115
00:44:57,210 --> 00:45:02,250
was to shine a light on each case not to

1116
00:45:00,360 --> 00:45:05,240
make a documentary examining or

1117
00:45:02,250 --> 00:45:07,250
analysing the validity of psychics but

1118
00:45:05,239 --> 00:45:09,929
psychics can be worse than

1119
00:45:07,250 --> 00:45:12,619
inconsequential dabblers in serious

1120
00:45:09,929 --> 00:45:15,119
matters they can prove problematic

1121
00:45:12,619 --> 00:45:18,389
distractions drawing attention to the

1122
00:45:15,119 --> 00:45:21,839
wrong places or mulling the information

1123
00:45:18,389 --> 00:45:24,000
pool so comes almost as a relief that

1124
00:45:21,840 --> 00:45:25,920
amid the outpouring of messages of

1125
00:45:24,000 --> 00:45:29,789
support for the family of missing

1126
00:45:25,920 --> 00:45:32,970

Jessica boys only about half a dozen

1127

00:45:29,789 --> 00:45:35,190

have been offers of psychic aid there

1128

00:45:32,969 --> 00:45:37,469

are families who have received hundreds

1129

00:45:35,190 --> 00:45:39,480

of these and a further allure

1130

00:45:37,469 --> 00:45:44,339

if their family spokesman has responded

1131

00:45:39,480 --> 00:45:47,880

politely but unenthusiastically perhaps

1132

00:45:44,340 --> 00:45:50,340

significantly these latest voices from

1133

00:45:47,880 --> 00:45:52,289

the other side have not been put forward

1134

00:45:50,340 --> 00:45:54,599

by these so-called psychics and

1135

00:45:52,289 --> 00:45:56,159

themselves rather it's been the

1136

00:45:54,599 --> 00:45:58,769

good-hearted duffer's who have

1137

00:45:56,159 --> 00:46:02,219

themselves contacted psychics and have

1138

00:45:58,769 --> 00:46:04,590

been passing the messages on people want

1139

00:46:02,219 --> 00:46:06,779

to help and that's good if they want to

1140

00:46:04,590 --> 00:46:09,210

engage a psychic then that's their

1141
00:46:06,780 --> 00:46:11,609
prerogative for their part the

1142
00:46:09,210 --> 00:46:14,400
high-profile members of the psychic

1143
00:46:11,608 --> 00:46:16,460
industry appear hesitant to step forward

1144
00:46:14,400 --> 00:46:19,980
in a way that makes them look like

1145
00:46:16,460 --> 00:46:22,099
grasping opportunists or to use a phrase

1146
00:46:19,980 --> 00:46:25,050
the New Zealand skeptics has picked up

1147
00:46:22,099 --> 00:46:28,559
quote grief vampires

1148
00:46:25,050 --> 00:46:31,340
men quote it's perhaps worth pointing

1149
00:46:28,559 --> 00:46:35,130
out that one medium and psychic surgeon

1150
00:46:31,340 --> 00:46:37,619
Janette Wilson has explained she only

1151
00:46:35,130 --> 00:46:40,829
helps if the family reaches out to her

1152
00:46:37,619 --> 00:46:45,119
you don't know what people's beliefs are

1153
00:46:40,829 --> 00:46:47,848
she says and she would never charge them

1154
00:46:45,119 --> 00:46:51,690
a fee and would travel at her own

1155
00:46:47,849 --> 00:46:54,269
expense no doubt but it's a parallel

1156
00:46:51,690 --> 00:46:57,588
truth that involvement in high-profile

1157
00:46:54,269 --> 00:47:00,329
cases does in turn increase one's

1158
00:46:57,588 --> 00:47:02,759
professional profile you might say that

1159
00:47:00,329 --> 00:47:05,789
this would dissuade those who weren't

1160
00:47:02,760 --> 00:47:08,070
fully confident of their ability to come

1161
00:47:05,789 --> 00:47:09,960
up with the goods in pretty much the way

1162
00:47:08,070 --> 00:47:14,338
that psychics dealing with police

1163
00:47:09,960 --> 00:47:16,619
searches have reliably failed to do but

1164
00:47:14,338 --> 00:47:18,838
these are often professionals who have

1165
00:47:16,619 --> 00:47:21,269
reason to be mainly concerned about

1166
00:47:18,838 --> 00:47:24,299
their standing among those who are

1167
00:47:21,269 --> 00:47:27,690
inclined to be open to their claims

1168
00:47:24,300 --> 00:47:30,030
those who dare to believe rather than

1169

00:47:27,690 --> 00:47:32,909
the more skeptical observers and with

1170
00:47:30,030 --> 00:47:35,760
more demanding views on what does and

1171
00:47:32,909 --> 00:47:39,319
what doesn't constitute an impressive

1172
00:47:35,760 --> 00:47:43,619
outcome many psychics seem to describe a

1173
00:47:39,320 --> 00:47:45,930
sense of closure rather than an actual

1174
00:47:43,619 --> 00:47:48,269
discovery as a result and the late

1175
00:47:45,929 --> 00:47:51,389
British spiritualist Doris Stokes should

1176
00:47:48,269 --> 00:47:53,610
remind us albeit from the other side

1177
00:47:51,389 --> 00:47:55,289
that some of her ilk might play to make

1178
00:47:53,610 --> 00:47:56,190
claims that don't stand up to close

1179
00:47:55,289 --> 00:47:58,710
scrutiny

1180
00:47:56,190 --> 00:48:00,510
Stokes herself claimed in one of her

1181
00:47:58,710 --> 00:48:03,900
books to have helped police recover the

1182
00:48:00,510 --> 00:48:07,050
body of Mona blades way down there in

1183
00:48:03,900 --> 00:48:09,539

New Zealand in which case it was surely

1184

00:48:07,050 --> 00:48:12,120
churlish of our police not to have

1185

00:48:09,539 --> 00:48:17,730
recorded this crucial assistance in any

1186

00:48:12,119 --> 00:48:20,519
of their files and that was police

1187

00:48:17,730 --> 00:48:22,440
information an oxymoronic offering for

1188

00:48:20,519 --> 00:48:24,719
police searches published of the

1189

00:48:22,440 --> 00:48:37,679
Southland Times and I will link to that

1190

00:48:24,719 --> 00:48:39,569
in this week's show notes are you tired

1191

00:48:37,679 --> 00:48:41,309
of going out and not being able to find

1192

00:48:39,570 --> 00:48:44,910
the kind of music that you like to dance

1193

00:48:41,309 --> 00:48:47,009
to like that well you need to come to

1194

00:48:44,909 --> 00:48:50,069
Maine and slug shack at the red bar

1195

00:48:47,010 --> 00:48:51,150
upstairs at 36 leave Point Road in bleep

1196

00:48:50,070 --> 00:48:52,559
in Sydney

1197

00:48:51,150 --> 00:48:53,820
we'll be going crazy there as I've

1198
00:48:52,559 --> 00:48:56,900
played the kind of music you were to

1199
00:48:53,820 --> 00:48:56,900
dance to stuff like

1200
00:48:57,659 --> 00:49:07,690
like this but if you want to you can

1201
00:49:06,309 --> 00:49:09,009
always dance the card stuff you like

1202
00:49:07,690 --> 00:49:11,200
then in it

1203
00:49:09,010 --> 00:49:13,420
that's main arms Love Shack more details

1204
00:49:11,199 --> 00:49:16,960
on the very very front page of main and

1205
00:49:13,420 --> 00:49:17,710
calm dodo you can skeptics dance another

1206
00:49:16,960 --> 00:49:19,869
can drink

1207
00:49:17,710 --> 00:49:21,010
well can skeptics dance I don't know I'm

1208
00:49:19,869 --> 00:49:23,380
full of incertitude

1209
00:49:21,010 --> 00:49:26,349
what's that mean did Saunders write that

1210
00:49:23,380 --> 00:49:29,829
in certitude except Holyrood minutes

1211
00:49:26,349 --> 00:49:31,869
Love Shack H midnight 36 upstairs at the

1212
00:49:29,829 --> 00:49:33,369
red bar bleep Point Road and grief see

1213
00:49:31,869 --> 00:49:38,858
you there and look I might even play

1214
00:49:33,369 --> 00:49:42,300
this to my Nance Love Shack sad a 4th of

1215
00:49:38,858 --> 00:49:42,299
May see you there

1216
00:49:47,269 --> 00:49:52,748
[Music]

1217
00:49:57,199 --> 00:50:01,379
thank you for listening to the skeptic

1218
00:49:59,639 --> 00:50:04,858
zone it's nice to be back in the skeptic

1219
00:50:01,380 --> 00:50:08,519
zone studios because I can use my proper

1220
00:50:04,858 --> 00:50:10,920
microphones when I'm in the field as it

1221
00:50:08,518 --> 00:50:14,189
were and when I was in California during

1222
00:50:10,920 --> 00:50:17,670
the last month I was more or less using

1223
00:50:14,190 --> 00:50:19,528
my eye devices my iPad my iPhone and

1224
00:50:17,670 --> 00:50:22,769
occasionally I would put in a little

1225
00:50:19,528 --> 00:50:24,989
zoom microphone onto the iPhone which

1226

00:50:22,768 --> 00:50:27,709
seemed to work quite well but now I'm

1227
00:50:24,989 --> 00:50:31,348
back here in the studio I can use the

1228
00:50:27,710 --> 00:50:33,778
nice Zen Heiser shotgun microphone I do

1229
00:50:31,349 --> 00:50:36,930
for voice work and since I'm still

1230
00:50:33,778 --> 00:50:38,400
jet-lagged at the time of recording it's

1231
00:50:36,929 --> 00:50:41,190
early in the morning so I don't have to

1232
00:50:38,400 --> 00:50:43,349
worry about planes flying overhead I'm

1233
00:50:41,190 --> 00:50:45,510
sure these little details mean a lot to

1234
00:50:43,349 --> 00:50:47,130
you great news about one of my favorite

1235
00:50:45,510 --> 00:50:49,470
podcasts the skeptics guide to the

1236
00:50:47,130 --> 00:50:50,880
University coming to Melbourne for the

1237
00:50:49,469 --> 00:50:53,159
Australian skeptics National Convention

1238
00:50:50,880 --> 00:50:54,869
later in the year in December can't wait

1239
00:50:53,159 --> 00:50:57,598
to see them always great to catch up

1240
00:50:54,869 --> 00:50:59,450

with SGU and I'm sure the people in

1241

00:50:57,599 --> 00:51:02,490

Melbourne will have some more

1242

00:50:59,449 --> 00:51:04,889

announcements and surprises for us over

1243

00:51:02,489 --> 00:51:08,518

the coming months and coming up in a few

1244

00:51:04,889 --> 00:51:11,129

days in Canberra the social skeptics of

1245

00:51:08,518 --> 00:51:13,919

camera group the Canberra skeptics will

1246

00:51:11,130 --> 00:51:15,390

have a talk about odds and statistics

1247

00:51:13,920 --> 00:51:18,599

and things like that when it comes to

1248

00:51:15,389 --> 00:51:21,900

superstitions and athletes may the odds

1249

00:51:18,599 --> 00:51:24,180

be in your favor superstitions and elite

1250

00:51:21,900 --> 00:51:26,759

athletes an interesting talk which is on

1251

00:51:24,179 --> 00:51:29,788

the 16th of April from 6:00 p.m. to 7:30

1252

00:51:26,759 --> 00:51:33,389

p.m. at the Belconnen community service

1253

00:51:29,789 --> 00:51:35,420

in Belconnen in the ICT and if you want

1254

00:51:33,389 --> 00:51:38,759

to find out more about that talk and

1255
00:51:35,420 --> 00:51:40,409
that sense particularly interesting just

1256
00:51:38,759 --> 00:51:43,048
look for the link in this week's show

1257
00:51:40,409 --> 00:51:45,719
notes and an early announcement for

1258
00:51:43,048 --> 00:51:47,309
those people in California or the United

1259
00:51:45,719 --> 00:51:51,480
States so frankly the whole planet

1260
00:51:47,309 --> 00:51:53,730
skeptical skeptical is the Northern

1261
00:51:51,480 --> 00:51:55,858
California conference on science and

1262
00:51:53,730 --> 00:51:57,869
skepticism a day-long event with

1263
00:51:55,858 --> 00:52:00,989
speakers and discussions on critical

1264
00:51:57,869 --> 00:52:03,920
thinking skeptic al 2019 will be held on

1265
00:52:00,989 --> 00:52:07,348
Sunday June and 9th at the Hyatt Regency

1266
00:52:03,920 --> 00:52:08,200
San Francisco Airport registration is

1267
00:52:07,349 --> 00:52:10,210
now open up

1268
00:52:08,199 --> 00:52:13,358
link in the show notes I was there last

1269
00:52:10,210 --> 00:52:15,429
year and what a wonderful day it was it

1270
00:52:13,358 --> 00:52:16,929
was in Berkeley last year in fact what's

1271
00:52:15,429 --> 00:52:19,659
the first place I met

1272
00:52:16,929 --> 00:52:21,819
Yvette dumped Raimondi sigh babe what a

1273
00:52:19,659 --> 00:52:23,828
great time we had and I see they've got

1274
00:52:21,820 --> 00:52:26,800
a list of speakers lined up already

1275
00:52:23,829 --> 00:52:29,230
including Jim Underdown Mick West who

1276
00:52:26,800 --> 00:52:31,300
wrote the book escaping the rabbit hole

1277
00:52:29,230 --> 00:52:34,500
and many more so I can certainly

1278
00:52:31,300 --> 00:52:38,160
recommend if you're in the Bay Area that

1279
00:52:34,500 --> 00:52:40,300
skeptical is the conference for you and

1280
00:52:38,159 --> 00:52:41,828
well who knows there might be an

1281
00:52:40,300 --> 00:52:45,940
appearance by a certain Australian

1282
00:52:41,829 --> 00:52:49,780
podcaster we shall see but for this week

1283

00:52:45,940 --> 00:52:51,760
I think I better have some more salad or

1284
00:52:49,780 --> 00:52:53,560
maybe some toast this is Richard

1285
00:52:51,760 --> 00:52:55,589
Saunders signing off from Sydney

1286
00:52:53,559 --> 00:52:55,588
Australia

1287
00:52:58,320 --> 00:53:03,780
you've been listening to the skeptic

1288
00:53:00,849 --> 00:53:10,450
zone podcast please visit our website at

1289
00:53:03,780 --> 00:53:13,950
wwlp.com tax and to access the back

1290
00:53:10,449 --> 00:53:16,629
catalog of episodes going back to 2008

1291
00:53:13,949 --> 00:53:19,929
you can follow the skeptic zone podcast

1292
00:53:16,630 --> 00:53:22,210
on twitter at skeptic zone visit our

1293
00:53:19,929 --> 00:53:23,068
facebook page or leave a review on

1294
00:53:22,210 --> 00:53:25,750
itunes

1295
00:53:23,068 --> 00:53:29,139
you can also support the skeptic zone

1296
00:53:25,750 --> 00:53:31,858
via patreon or PayPal the skeptic zone

1297
00:53:29,139 --> 00:53:34,239

podcast is an independent production

1298

00:53:31,858 --> 00:53:36,400

reviews and opinions expressed on the

1299

00:53:34,239 --> 00:53:38,739

skeptic zone are not necessarily those

1300

00:53:36,400 --> 00:53:40,510

of Australian skeptics or any other

1301

00:53:38,739 --> 00:53:46,788

sceptical organisation

1302

00:53:40,510 --> 00:53:46,789

[Music]

1303

00:53:53,590 --> 00:53:59,269

yes now I'm back at my desk I have

1304

00:53:56,360 --> 00:54:02,990

reached for my blip what is that the

1305

00:53:59,269 --> 00:54:05,539

20-sided d20 normally it's a d-10 we

1306

00:54:02,989 --> 00:54:07,159

play the dice game with for those people

1307

00:54:05,539 --> 00:54:10,940

unfamiliar with this every now and then

1308

00:54:07,159 --> 00:54:13,009

I just roll it I can be a six-sided or

1309

00:54:10,940 --> 00:54:19,159

10 side there are three sided sometimes

1310

00:54:13,010 --> 00:54:23,060

it's even a 60 sided today it's 20 and I

1311

00:54:19,159 --> 00:54:25,429

want you to use your oh is a giggle when

1312
00:54:23,059 --> 00:54:29,570
I said your psychic powers your powers

1313
00:54:25,429 --> 00:54:33,889
of prediction and see if you can match

1314
00:54:29,570 --> 00:54:36,830
my roll of the dice here which occurred

1315
00:54:33,889 --> 00:54:39,589
in the past of course because this is a

1316
00:54:36,829 --> 00:54:40,659
pre-recorded show but you don't know

1317
00:54:39,590 --> 00:54:43,190
what the result is

1318
00:54:40,659 --> 00:54:47,089
even though it's happened but that

1319
00:54:43,190 --> 00:54:50,030
hasn't happened for me yet oh you sort

1320
00:54:47,090 --> 00:54:59,840
of hmm I should write a movie about that

1321
00:54:50,030 --> 00:55:01,370
here we go roll number 116 I have to

1322
00:54:59,840 --> 00:55:02,660
write this down because I could turn up

1323
00:55:01,369 --> 00:55:06,259
roll number three and sometimes don't

1324
00:55:02,659 --> 00:55:08,239
fit sixteen is that first one okay roll

1325
00:55:06,260 --> 00:55:10,990
number two are you predicting are you

1326
00:55:08,239 --> 00:55:16,250
predicting here it comes

1327
00:55:10,989 --> 00:55:17,479
what's that it's a six sixteen six last

1328
00:55:16,250 --> 00:55:21,489
one coming up

1329
00:55:17,480 --> 00:55:21,490
use your predicting power out of twenty

1330
00:55:21,909 --> 00:55:29,690
thirteen be interesting one day to do a

1331
00:55:26,659 --> 00:55:33,019
sort of a little mind game thought

1332
00:55:29,690 --> 00:55:35,440
experiment to see how easy it is for

1333
00:55:33,019 --> 00:55:38,360
someone like a numerologist to make

1334
00:55:35,440 --> 00:55:42,679
anything out of numbers here we've got

1335
00:55:38,360 --> 00:55:44,960
16 6 and 13 where I look to sixes how

1336
00:55:42,679 --> 00:55:46,699
about that and we've got a three and you

1337
00:55:44,960 --> 00:55:49,579
know what two threes are there six I

1338
00:55:46,699 --> 00:55:51,919
mean it all just make sense

1339
00:55:49,579 --> 00:55:54,289
hmm and we've got two ones in there

1340

00:55:51,920 --> 00:56:00,980
we've got a one for the 16 one 6 and a 1

1341
00:55:54,289 --> 00:56:02,880
3 for the 13 2 times 1 that's 2 and 2 3

1342
00:56:00,980 --> 00:56:06,530
2 6 you see

1343
00:56:02,880 --> 00:56:06,530
it all makes sense