

1  
00:00:06,160 --> 00:00:13,679  
welcome to the skeptic zone the podcast

2  
00:00:09,099 --> 00:00:13,679  
from Australia for science and reason

3  
00:00:22,170 --> 00:00:30,189  
yes it's the skeptic zone show 172 for

4  
00:00:27,039 --> 00:00:32,590  
the fifth of february 2012 Stefan Saiga

5  
00:00:30,189 --> 00:00:36,488  
here I'm all by myself because Richard

6  
00:00:32,590 --> 00:00:38,680  
Saunders is not very well ah seems he

7  
00:00:36,488 --> 00:00:40,539  
picked up a trans-pacific bug last week

8  
00:00:38,679 --> 00:00:44,439  
flown back to Australia from the US and

9  
00:00:40,539 --> 00:00:47,200  
has lost his voice well there may be a

10  
00:00:44,439 --> 00:00:49,000  
solution I have just stuck in to

11  
00:00:47,200 --> 00:00:51,520  
acupuncture needles into the

12  
00:00:49,000 --> 00:00:54,549  
communication meridians of my crown

13  
00:00:51,520 --> 00:00:57,520  
chakra and I'm going to try and and

14  
00:00:54,549 --> 00:00:59,108  
channel Richard into the studio and

15  
00:00:57,520 --> 00:01:01,510  
let's see if we can get him to co-host

16  
00:00:59,109 --> 00:01:03,789  
anyway because I believe he's so out of

17  
00:01:01,509 --> 00:01:06,670  
it after his trip that his only his

18  
00:01:03,789 --> 00:01:09,939  
astral self is conscious at this moment

19  
00:01:06,670 --> 00:01:12,099  
Richard are you there hello Stefan how's

20  
00:01:09,939 --> 00:01:14,799  
it going hey Richard you are actually

21  
00:01:12,099 --> 00:01:16,539  
here well I'm not actually here Stefan

22  
00:01:14,799 --> 00:01:19,329  
I'm actually channeling myself through

23  
00:01:16,539 --> 00:01:21,579  
your voice from my astral plane self

24  
00:01:19,329 --> 00:01:24,728  
that's residing just hovering above my

25  
00:01:21,579 --> 00:01:27,969  
corpse in my bed and I'm completely out

26  
00:01:24,728 --> 00:01:29,890  
of it but I'm here all the same well

27  
00:01:27,969 --> 00:01:31,959  
here we are just the two of us just hang

28  
00:01:29,890 --> 00:01:34,000  
and loosened dawn a little intro well

29

00:01:31,959 --> 00:01:35,649  
Stefan we've got a big show coming up on

30  
00:01:34,000 --> 00:01:37,899  
this week's show we've got another

31  
00:01:35,649 --> 00:01:40,780  
report from our brand-new report a penny

32  
00:01:37,899 --> 00:01:43,299  
Chan panty interviews magician and

33  
00:01:40,780 --> 00:01:44,799  
Mentalist marc-edouard sounds good

34  
00:01:43,299 --> 00:01:47,618  
Richard not to be confused with

35  
00:01:44,799 --> 00:01:49,359  
so-called psychic John Edward hmm they

36  
00:01:47,618 --> 00:01:51,728  
could be brothers could they Richard no

37  
00:01:49,359 --> 00:01:54,310  
Stefan they're not although mark can do

38  
00:01:51,728 --> 00:01:56,829  
much the same sort of thing how we'll

39  
00:01:54,310 --> 00:01:58,329  
find out at the top of the show Richard

40  
00:01:56,829 --> 00:02:00,219  
I think Penny's doing a great job of

41  
00:01:58,329 --> 00:02:02,439  
being a new host on the show what do you

42  
00:02:00,219 --> 00:02:04,689  
think Stefan I think she's doing an

43  
00:02:02,439 --> 00:02:06,250

incredible job and by the way Richard

44

00:02:04,689 --> 00:02:08,050

thanks also to all the people who have

45

00:02:06,250 --> 00:02:10,598

been enjoying the download of our little

46

00:02:08,050 --> 00:02:13,150

making of the making of the theme song

47

00:02:10,598 --> 00:02:15,639

it was a lot of fun there oh yes it was

48

00:02:13,150 --> 00:02:17,650

Stefan it was a lot of fun and it good

49

00:02:15,639 --> 00:02:19,059

to see you didn't get um to trash by the

50

00:02:17,650 --> 00:02:19,860

end of that and you actually got through

51

00:02:19,060 --> 00:02:21,270

and

52

00:02:19,860 --> 00:02:24,000

each the job for us thank you very much

53

00:02:21,270 --> 00:02:26,040

no worries Richard following that region

54

00:02:24,000 --> 00:02:28,349

I believe before you came home and lost

55

00:02:26,039 --> 00:02:30,509

your voice you caught up with penny chan

56

00:02:28,349 --> 00:02:33,840

for a chat at the skeptics in the pub at

57

00:02:30,509 --> 00:02:36,209

the University of California Irvine yes

58

00:02:33,840 --> 00:02:37,620

I did Stefan and we had a lot of fun

59

00:02:36,210 --> 00:02:39,390

there's even a couple of photos that you

60

00:02:37,620 --> 00:02:41,370

might see on on Facebook or Twitter

61

00:02:39,389 --> 00:02:42,509

sounds very good i wish i was there i

62

00:02:41,370 --> 00:02:43,920

wish i was there Richard but

63

00:02:42,509 --> 00:02:46,769

unfortunately I'm stuck here in the

64

00:02:43,919 --> 00:02:49,409

studio with my acupuncture needles in my

65

00:02:46,770 --> 00:02:52,320

meridians channeling you just finding

66

00:02:49,409 --> 00:02:54,389

out all about it then Stefan it's dr.

67

00:02:52,319 --> 00:02:56,669

Rachel reports with dr. Rachel Dunlop

68

00:02:54,389 --> 00:03:00,389

who is getting more famous by the minute

69

00:02:56,669 --> 00:03:03,059

it seems national TV radio skeptics in

70

00:03:00,389 --> 00:03:04,919

the pub this week dr. Rachel fills us in

71

00:03:03,060 --> 00:03:06,750

on a new group organized here in

72  
00:03:04,919 --> 00:03:09,589  
Australia to bring pressure on

73  
00:03:06,750 --> 00:03:12,599  
universities that stop teaching whoo

74  
00:03:09,590 --> 00:03:14,520  
friends of science in medicine Richard

75  
00:03:12,599 --> 00:03:16,439  
that sounds like a great idea it

76  
00:03:14,520 --> 00:03:18,270  
certainly is Devon if you want to see

77  
00:03:16,439 --> 00:03:20,669  
the reaction from the forces of darkness

78  
00:03:18,270 --> 00:03:24,060  
to this group just Google friends of

79  
00:03:20,669 --> 00:03:27,059  
science in medicine I can imagine she

80  
00:03:24,060 --> 00:03:29,219  
would be whipping up a storm which as I

81  
00:03:27,060 --> 00:03:32,400  
believe this week we have yet another

82  
00:03:29,219 --> 00:03:35,159  
installment from not dr. Stefan cyka but

83  
00:03:32,400 --> 00:03:37,289  
this week the Reverend Stefan Saiga who

84  
00:03:35,159 --> 00:03:39,870  
i believe is bringing a revolution in

85  
00:03:37,289 --> 00:03:41,269  
software to the worshipping world Stefan

86

00:03:39,870 --> 00:03:43,259

I can't wait to hear all about it

87

00:03:41,269 --> 00:03:45,330

anything else Richard what have we got

88

00:03:43,259 --> 00:03:46,439

after that well I'm a little bit too out

89

00:03:45,330 --> 00:03:48,540

of it to know what I'm talking about

90

00:03:46,439 --> 00:03:50,280

Stefan but I believe we're going to

91

00:03:48,539 --> 00:03:52,590

round off the show with a follow-up

92

00:03:50,280 --> 00:03:55,379

report from Ian price of the Australian

93

00:03:52,590 --> 00:03:58,080

skeptics about the Rossi ecat cold

94

00:03:55,379 --> 00:04:00,329

fusion machine as the world found a new

95

00:03:58,080 --> 00:04:02,430

way to produce cheap clean energy that

96

00:04:00,330 --> 00:04:04,739

will completely change the world I think

97

00:04:02,430 --> 00:04:06,569

ian is still a little skeptical well

98

00:04:04,739 --> 00:04:09,269

Richard you better go back and let your

99

00:04:06,569 --> 00:04:11,159

astral self blend with your normal self

100

00:04:09,269 --> 00:04:13,439

lying there in your bed all jet-lagged

101

00:04:11,159 --> 00:04:15,539

and googly and everything else and you

102

00:04:13,439 --> 00:04:18,298

can't even talk and I will get on with

103

00:04:15,539 --> 00:04:20,039

the show in the meantime I'm sure all

104

00:04:18,298 --> 00:04:22,439

our lessness wish you a speedy recovery

105

00:04:20,040 --> 00:04:24,860

thank you Stefan I think I'll go back to

106

00:04:22,439 --> 00:04:24,860

bed now

107

00:04:49,750 --> 00:04:56,009

is penny Chen with a penny for your

108

00:04:53,889 --> 00:04:56,009

thoughts

109

00:04:58,449 --> 00:05:00,509

you

110

00:05:01,350 --> 00:05:06,220

when i was 10 i checked out a library

111

00:05:04,000 --> 00:05:07,930

book about magic tricks I learned how to

112

00:05:06,220 --> 00:05:09,490

make coins disappear and stick pins

113

00:05:07,930 --> 00:05:11,199

through my finger which really made my

114

00:05:09,490 --> 00:05:13,840

mom squirm and I performed the feat for

115  
00:05:11,199 --> 00:05:16,209  
her marc-edouard began in much the same

116  
00:05:13,839 --> 00:05:18,729  
way introduced a magic tricks by his

117  
00:05:16,209 --> 00:05:20,649  
grandfather as a young child today he is

118  
00:05:18,730 --> 00:05:22,870  
a professional magician Mentalist

119  
00:05:20,649 --> 00:05:26,139  
educator author and blogger on all

120  
00:05:22,870 --> 00:05:28,420  
things magic and psychics recently i sat

121  
00:05:26,139 --> 00:05:29,919  
in on one of his magic classes he went

122  
00:05:28,420 --> 00:05:32,560  
around the room and asked students what

123  
00:05:29,920 --> 00:05:34,000  
they were interested in learning I know

124  
00:05:32,560 --> 00:05:35,589  
it's cheesy but I really think it's cool

125  
00:05:34,000 --> 00:05:37,720  
and you make things disappear like it's

126  
00:05:35,589 --> 00:05:39,699  
like poisons things i'd also like to

127  
00:05:37,720 --> 00:05:49,180  
learn how to make cards come out of my

128  
00:05:39,699 --> 00:05:53,560  
mouth we'll start slow though little

129  
00:05:49,180 --> 00:05:56,290  
things from the mouth of my specialties

130  
00:05:53,560 --> 00:05:59,649  
but we'll see if we can find stuff you

131  
00:05:56,290 --> 00:06:01,600  
can do that one can't you yes sir I'm

132  
00:05:59,649 --> 00:06:03,819  
going to put my own specialty which is

133  
00:06:01,600 --> 00:06:05,379  
mentalism now what I'm trying what I'm

134  
00:06:03,819 --> 00:06:07,240  
trying to do with my mentalism is

135  
00:06:05,379 --> 00:06:09,370  
combined as many because many of these

136  
00:06:07,240 --> 00:06:12,490  
different things as possible because

137  
00:06:09,370 --> 00:06:14,079  
that's my own specialty so for those

138  
00:06:12,490 --> 00:06:14,848  
of you who are new to magic if you don't

139  
00:06:14,079 --> 00:06:20,218  
know what man

140  
00:06:14,848 --> 00:06:22,050  
it's not a disease a few days later I

141  
00:06:20,218 --> 00:06:24,389  
met up with Mark at a coffee shop in San

142  
00:06:22,050 --> 00:06:26,848  
Pedro ray told me about his career as a

143

00:06:24,389 --> 00:06:30,028  
magician psychic and Mentalist and his

144  
00:06:26,848 --> 00:06:32,158  
most recent book psychic blues as a

145  
00:06:30,028 --> 00:06:34,800  
former psychic performer mark has seen

146  
00:06:32,158 --> 00:06:36,688  
deep inside the ruse still he keeps an

147  
00:06:34,800 --> 00:06:38,759  
open mind to the possibility of psychic

148  
00:06:36,689 --> 00:06:40,468  
power and now works with organizations

149  
00:06:38,759 --> 00:06:42,718  
like the independent investigations

150  
00:06:40,468 --> 00:06:44,610  
group testing individual claims of

151  
00:06:42,718 --> 00:06:47,459  
psychic abilities and this book that you

152  
00:06:44,610 --> 00:06:51,468  
have coming out in release it yeah i

153  
00:06:47,459 --> 00:06:55,528  
hope i've got my fingers crossed psychic

154  
00:06:51,468 --> 00:06:58,819  
quiz yeah and what's that about psychic

155  
00:06:55,528 --> 00:07:01,860  
blues is about how I got started doing

156  
00:06:58,819 --> 00:07:04,289  
psychic readings it's basically my whole

157  
00:07:01,860 --> 00:07:08,038

career from the bottom to the top and

158

00:07:04,288 --> 00:07:10,860

back down again because I kind of made

159

00:07:08,038 --> 00:07:13,050

it one of my goals was to try and climb

160

00:07:10,860 --> 00:07:15,269

to the top see how far I could get in a

161

00:07:13,050 --> 00:07:18,079

psychic business but not being a

162

00:07:15,269 --> 00:07:21,329

believer other words lying to the liars

163

00:07:18,079 --> 00:07:24,088

well I lied to the liars you know they

164

00:07:21,329 --> 00:07:26,550

didn't know that I was scamming them the

165

00:07:24,088 --> 00:07:28,468

whole time gaming scanner scanner miss

166

00:07:26,550 --> 00:07:31,439

cameras can't because I really wanted to

167

00:07:28,468 --> 00:07:32,728

learn the the big market other because

168

00:07:31,439 --> 00:07:35,278

they were making millions and millions

169

00:07:32,728 --> 00:07:38,430

of a skittle are but now it's just more

170

00:07:35,278 --> 00:07:40,759

diverse but for example when the 900

171

00:07:38,430 --> 00:07:44,259

lines came out they they were makin

172  
00:07:40,759 --> 00:07:47,000  
billions a year so it's dark it's a dark

173  
00:07:44,259 --> 00:07:49,459  
humor book it's not it's not a

174  
00:07:47,000 --> 00:07:53,089  
metaphysical book in any shape or form

175  
00:07:49,459 --> 00:07:58,129  
you know that's because it's tricky yes

176  
00:07:53,089 --> 00:07:59,899  
oh yeah it's inside of you can you get

177  
00:07:58,129 --> 00:08:03,019  
to see how they get there they're

178  
00:07:59,899 --> 00:08:05,239  
infomercials how they how they operated

179  
00:08:03,019 --> 00:08:07,009  
in Mecca in terms of the 900 things but

180  
00:08:05,240 --> 00:08:08,780  
there's all sorts of other parts of the

181  
00:08:07,009 --> 00:08:11,209  
psychic world most people don't know

182  
00:08:08,779 --> 00:08:16,399  
about there's the agents that book them

183  
00:08:11,209 --> 00:08:18,680  
there's the churches there's the so

184  
00:08:16,399 --> 00:08:21,289  
wrong that they go to change does the

185  
00:08:18,680 --> 00:08:23,000  
event planner that does weddings and bar

186  
00:08:21,290 --> 00:08:26,220  
mitzvahs and things like that that hires

187  
00:08:23,000 --> 00:08:27,899  
a psychic there's a

188  
00:08:26,220 --> 00:08:29,730  
there's just a lot of different things

189  
00:08:27,899 --> 00:08:30,989  
that people don't realize they think

190  
00:08:29,730 --> 00:08:34,110  
that most psychics are like these

191  
00:08:30,990 --> 00:08:36,960  
aesthetic people that sit in in a yoga

192  
00:08:34,110 --> 00:08:39,269  
position albeit I mean they're on every

193  
00:08:36,960 --> 00:08:41,610  
city i go to you i'm off the highway

194  
00:08:39,269 --> 00:08:45,199  
there they're neon signs right palm

195  
00:08:41,610 --> 00:08:47,700  
readings two rows and now and now i

196  
00:08:45,200 --> 00:08:50,310  
really believe they were and I call it

197  
00:08:47,700 --> 00:08:52,800  
the Golden Age of the con because what

198  
00:08:50,309 --> 00:08:55,529  
it was but the worst the economy gets

199  
00:08:52,799 --> 00:08:57,779  
the more these these things happen my

200

00:08:55,529 --> 00:08:59,429  
tradition people get yeah yeah so now

201  
00:08:57,779 --> 00:09:01,259  
we're in that we're in a state where

202  
00:08:59,429 --> 00:09:03,389  
millions of people have lost their jobs

203  
00:09:01,259 --> 00:09:05,549  
so it's kind of a double-edged sword not

204  
00:09:03,389 --> 00:09:07,319  
only are people looking for answers but

205  
00:09:05,549 --> 00:09:09,029  
people who don't have jobs are going hey

206  
00:09:07,320 --> 00:09:11,190  
you know the psychic thing looks pretty

207  
00:09:09,029 --> 00:09:13,019  
good i can read tarot cards this as good

208  
00:09:11,190 --> 00:09:16,740  
as anybody it was unjust eggs when i was

209  
00:09:13,019 --> 00:09:18,840  
i was out of work i was looking right

210  
00:09:16,740 --> 00:09:21,919  
look on craigslist yeah yeah there was

211  
00:09:18,840 --> 00:09:25,230  
one that was for psychics it's like it

212  
00:09:21,919 --> 00:09:28,379  
they come in and audition I make no

213  
00:09:25,230 --> 00:09:29,730  
right my god I could do that yeah well

214  
00:09:28,379 --> 00:09:32,070

that's what exit out that's what

215

00:09:29,730 --> 00:09:33,690

everybody thinks I could put that out I

216

00:09:32,070 --> 00:09:37,530

really consider because i was spelling

217

00:09:33,690 --> 00:09:40,260

you know what about your conscience stop

218

00:09:37,529 --> 00:09:42,870

feeling also your father would know I

219

00:09:40,259 --> 00:09:44,429

doubt very much if these suckers calling

220

00:09:42,870 --> 00:09:46,679

you know it's your fault but also I'm

221

00:09:44,429 --> 00:09:49,379

like what if like you or somebody calls

222

00:09:46,679 --> 00:09:51,719

in yeah I went to Mississippi no yeah

223

00:09:49,379 --> 00:09:53,970

I'm just you think i would spend 3 99

224

00:09:51,720 --> 00:09:55,769

they asked with you I'm good I don't

225

00:09:53,970 --> 00:09:58,800

know there might be some other you know

226

00:09:55,769 --> 00:10:00,960

science journalist up there going how

227

00:09:58,799 --> 00:10:03,469

can I was not many skeptics today I I

228

00:10:00,960 --> 00:10:08,339

did it for nine years and I'd say maybe

229  
00:10:03,470 --> 00:10:09,920  
maybe one skeptic every 200 calls but

230  
00:10:08,339 --> 00:10:11,690  
and most of them were not

231  
00:10:09,919 --> 00:10:13,278  
but we would call intelligent

232  
00:10:11,690 --> 00:10:15,079  
intellectual skeptics they were just

233  
00:10:13,278 --> 00:10:17,899  
daring me you know they go what color

234  
00:10:15,078 --> 00:10:24,349  
socks of my word right now I go white

235  
00:10:17,899 --> 00:10:25,458  
and they go wow man you're good that

236  
00:10:24,350 --> 00:10:27,680  
wouldn't work for me I never wear white

237  
00:10:25,458 --> 00:10:30,619  
socks yeah well I'm just saying I just

238  
00:10:27,679 --> 00:10:33,649  
took up I took a big chance you know so

239  
00:10:30,620 --> 00:10:35,240  
so I mean it's just that though it's

240  
00:10:33,649 --> 00:10:36,620  
there's so many people eventually

241  
00:10:35,240 --> 00:10:38,600  
there's going to become a tipping point

242  
00:10:36,620 --> 00:10:41,720  
where will be so many psychics that it

243  
00:10:38,600 --> 00:10:43,129  
won't be it won't be special anymore you

244  
00:10:41,720 --> 00:10:46,399  
know but if we haven't reached that

245  
00:10:43,129 --> 00:10:48,169  
saturation point yet so I kind of wanted

246  
00:10:46,399 --> 00:10:50,600  
to put this book out sort of the Warren

247  
00:10:48,169 --> 00:10:52,849  
people so it's not really a complete

248  
00:10:50,600 --> 00:10:54,709  
it's not what I would call it the bunker

249  
00:10:52,850 --> 00:10:56,600  
and exposure I didn't want it to just go

250  
00:10:54,708 --> 00:10:58,789  
or experience just what you know yeah

251  
00:10:56,600 --> 00:11:00,680  
and I my idea was to try and reach the

252  
00:10:58,789 --> 00:11:02,778  
biggest market I could get and I've

253  
00:11:00,679 --> 00:11:05,709  
learned that you can't reach the biggest

254  
00:11:02,778 --> 00:11:07,870  
market by just being mr. skeptic

255  
00:11:05,710 --> 00:11:10,720  
and I also think that there is some

256  
00:11:07,870 --> 00:11:12,519  
positive benefits to it in some ways

257

00:11:10,720 --> 00:11:14,040  
because it's basically it's the poor

258  
00:11:12,519 --> 00:11:16,860  
man's dead

259  
00:11:14,039 --> 00:11:21,059  
you can't afford to go to a

260  
00:11:16,860 --> 00:11:23,789  
analyst to go to the Gypsy effect to it

261  
00:11:21,059 --> 00:11:25,409  
just to know that somebody is looking in

262  
00:11:23,789 --> 00:11:27,539  
your hat the I am talking to you about

263  
00:11:25,409 --> 00:11:30,360  
your life but if it's a psychic she's

264  
00:11:27,539 --> 00:11:32,909  
scamming you yeah you might even less

265  
00:11:30,360 --> 00:11:35,070  
something oh you should know better

266  
00:11:32,909 --> 00:11:37,759  
there's 10 I mean even though I'm I

267  
00:11:35,070 --> 00:11:42,180  
don't believe sorry good okay yeah

268  
00:11:37,759 --> 00:11:44,220  
there's a psychic tarot card reader

269  
00:11:42,179 --> 00:11:46,439  
right you know within walking distance

270  
00:11:44,220 --> 00:11:48,779  
of my house yeah I always pass by it and

271  
00:11:46,440 --> 00:11:52,290

I think I just want to go in there's

272

00:11:48,779 --> 00:11:54,870

never anybody in there is there but she

273

00:11:52,289 --> 00:11:56,879

also runs a a new age shop next door so

274

00:11:54,870 --> 00:11:59,100

I know that's how she makes she sells

275

00:11:56,879 --> 00:12:01,620

crystal like right right i want two days

276

00:11:59,100 --> 00:12:03,450

do whatever in their house who you

277

00:12:01,620 --> 00:12:04,860

always want to go and i just want to go

278

00:12:03,450 --> 00:12:07,170

in there just see what she has to say

279

00:12:04,860 --> 00:12:09,120

what will she tell me about yeah but see

280

00:12:07,169 --> 00:12:10,709

that's that's I would say that's eighty

281

00:12:09,120 --> 00:12:12,509

to ninety percent of the people at

282

00:12:10,710 --> 00:12:14,480

around but really just curiosity yeah

283

00:12:12,509 --> 00:12:17,519

you know they're not planning on really

284

00:12:14,480 --> 00:12:19,889

doing what the Gypsy says I'm planning

285

00:12:17,519 --> 00:12:21,809

the whole life around they're just cute

286  
00:12:19,889 --> 00:12:26,460  
yeah but the thing that stops me is how

287  
00:12:21,809 --> 00:12:29,429  
I want hair you know it's it you know

288  
00:12:26,460 --> 00:12:31,040  
like I say in my book I don't think

289  
00:12:29,429 --> 00:12:33,259  
there's any I mean there's a whole

290  
00:12:31,039 --> 00:12:36,740  
spectrum of

291  
00:12:33,259 --> 00:12:38,840  
readers and ways they do things so you

292  
00:12:36,740 --> 00:12:40,430  
know I'd say again a ninety percent of

293  
00:12:38,840 --> 00:12:42,590  
them are crooks but the other ten

294  
00:12:40,429 --> 00:12:44,419  
percent you never know and I mean if

295  
00:12:42,590 --> 00:12:47,210  
you're willing to get a second opinion

296  
00:12:44,419 --> 00:12:49,459  
if you've got some really powerful life

297  
00:12:47,210 --> 00:12:50,900  
experience that you want to get a second

298  
00:12:49,460 --> 00:12:52,790  
opinion on and you can't go to your

299  
00:12:50,899 --> 00:12:54,889  
family and you can't go to you don't

300  
00:12:52,789 --> 00:12:56,539  
want to go to a church you know why not

301  
00:12:54,889 --> 00:12:58,399  
just go to you could it would be nice if

302  
00:12:56,539 --> 00:13:00,079  
you go to a stranger on the street like

303  
00:12:58,399 --> 00:13:02,449  
here at starbucks and just say hey

304  
00:13:00,080 --> 00:13:04,100  
listen now I needed to make a decision

305  
00:13:02,450 --> 00:13:06,560  
but people won't talk to you they'll

306  
00:13:04,100 --> 00:13:09,350  
think you're crazy yeah when did you

307  
00:13:06,559 --> 00:13:12,649  
start doing magic I was only doing magic

308  
00:13:09,350 --> 00:13:14,990  
when i was around eleven years old and

309  
00:13:12,649 --> 00:13:17,269  
but I was exposed to it through my

310  
00:13:14,990 --> 00:13:20,509  
grandfather so from from the very time I

311  
00:13:17,269 --> 00:13:23,659  
was probably five or six years old I was

312  
00:13:20,509 --> 00:13:25,879  
seeing it being performed but I didn't

313  
00:13:23,659 --> 00:13:29,029  
understand what it was because a child

314

00:13:25,879 --> 00:13:31,340  
is just innocent you just think magic is

315  
00:13:29,029 --> 00:13:33,019  
everywhere anyway so but by the time

316  
00:13:31,340 --> 00:13:35,060  
you're ten or eleven would start to

317  
00:13:33,019 --> 00:13:36,529  
understand wait a minute things don't

318  
00:13:35,059 --> 00:13:39,649  
normally float in right there unless

319  
00:13:36,529 --> 00:13:41,569  
that's on a cartoon yeah so probably by

320  
00:13:39,649 --> 00:13:45,039  
the time I was ten or eleven and started

321  
00:13:41,570 --> 00:13:47,560  
going to magic shops and

322  
00:13:45,039 --> 00:13:50,528  
it's like toys you know I had toys that

323  
00:13:47,559 --> 00:13:53,739  
I played with but it was magic my

324  
00:13:50,528 --> 00:13:55,629  
parents were pretty much encouraging on

325  
00:13:53,740 --> 00:13:58,149  
that level they like it because when i

326  
00:13:55,629 --> 00:14:00,370  
got to the good at it by 12 or 13 i

327  
00:13:58,149 --> 00:14:02,259  
would entertain their guests when they

328  
00:14:00,370 --> 00:14:04,360

come over for dinner you know dinner

329

00:14:02,259 --> 00:14:06,459

theater yeah look my little cave i had a

330

00:14:04,360 --> 00:14:08,470

little faith and everything nowhere was

331

00:14:06,458 --> 00:14:13,208

this is this in California cuz in Palos

332

00:14:08,470 --> 00:14:15,370

Verdes California yeah but I quickly got

333

00:14:13,208 --> 00:14:18,399

bored with regular magic I didn't like a

334

00:14:15,370 --> 00:14:21,278

prayer versus okay that's how i got into

335

00:14:18,399 --> 00:14:24,159

mentalism i really like the mind reading

336

00:14:21,278 --> 00:14:26,078

stuff better so it can can you do

337

00:14:24,159 --> 00:14:27,818

mentalism at the Magic Castle yeah

338

00:14:26,078 --> 00:14:30,609

that's what I'm going to be doing a

339

00:14:27,818 --> 00:14:32,289

couple of weeks hey yeah they don't the

340

00:14:30,610 --> 00:14:35,199

only thing about the castle is they

341

00:14:32,289 --> 00:14:37,750

don't like people who do mentalism well

342

00:14:35,198 --> 00:14:40,088

they let's put it this way they have

343  
00:14:37,750 --> 00:14:42,220  
mentalists work there that they don't

344  
00:14:40,089 --> 00:14:43,600  
actively encouraged a lot of mentalist

345  
00:14:42,220 --> 00:14:46,569  
because they don't like anything that

346  
00:14:43,600 --> 00:14:49,240  
people believe in yeah they wanted they

347  
00:14:46,568 --> 00:14:50,889  
wanted to be obviously an illusion so

348  
00:14:49,240 --> 00:14:53,110  
that's where I kind of part company with

349  
00:14:50,889 --> 00:14:55,750  
them is because I want people to think

350  
00:14:53,110 --> 00:14:57,818  
that I have supernatural powers but you

351  
00:14:55,750 --> 00:15:00,129  
call yourself a Mentalist yeah

352  
00:14:57,818 --> 00:15:02,439  
distinguish yourself from the official

353  
00:15:00,129 --> 00:15:05,409  
well i was gonna say from a sidekick I

354  
00:15:02,440 --> 00:15:07,569  
mean is that yeah well I you know for a

355  
00:15:05,409 --> 00:15:09,850  
while I was in a group called the

356  
00:15:07,568 --> 00:15:13,360  
psychic entertainers Association so I

357  
00:15:09,850 --> 00:15:15,810  
called myself a psychic entertainer and

358  
00:15:13,360 --> 00:15:19,419  
that that worked for a while your elite

359  
00:15:15,809 --> 00:15:23,289  
independent investigation is when did

360  
00:15:19,419 --> 00:15:25,028  
you hurt well first get inside I was I

361  
00:15:23,289 --> 00:15:28,099  
was working with your father on the

362  
00:15:25,028 --> 00:15:31,009  
Sunnis kept ologist TV show

363  
00:15:28,100 --> 00:15:34,009  
and I had really I had done the Penn &

364  
00:15:31,009 --> 00:15:38,028  
Teller show and then I did an NBC show

365  
00:15:34,009 --> 00:15:39,500  
about psychic fake psychics and I've

366  
00:15:38,028 --> 00:15:42,289  
always been involved I've always been

367  
00:15:39,500 --> 00:15:44,120  
fascinated by how they work but I really

368  
00:15:42,289 --> 00:15:45,980  
didn't act and I've also been involved

369  
00:15:44,120 --> 00:15:51,289  
with the skeptical movement since the

370  
00:15:45,980 --> 00:15:53,750  
70s because my idea was if something

371

00:15:51,289 --> 00:15:55,549  
real comes along I mean it I was never

372  
00:15:53,750 --> 00:15:58,399  
really a believer but there was a side

373  
00:15:55,549 --> 00:16:01,129  
of me that said what if or don't be

374  
00:15:58,399 --> 00:16:03,740  
close-minded maybe you know like when I

375  
00:16:01,129 --> 00:16:05,000  
first got into mentalism because i was

376  
00:16:03,740 --> 00:16:07,310  
learning all these things about

377  
00:16:05,000 --> 00:16:10,220  
clairvoyance and precognition and

378  
00:16:07,309 --> 00:16:11,958  
telekinesis and all these things that

379  
00:16:10,220 --> 00:16:14,209  
sounded like they're in the lab you know

380  
00:16:11,958 --> 00:16:16,458  
they must be real and I didn't know any

381  
00:16:14,208 --> 00:16:18,679  
better when i was doing magic but it

382  
00:16:16,458 --> 00:16:21,588  
fascinated me that might happen that

383  
00:16:18,679 --> 00:16:23,629  
there might be this possibility so I I

384  
00:16:21,589 --> 00:16:26,500  
got involved with skepticism because I

385  
00:16:23,629 --> 00:16:29,208

figured if something is discovered or

386

00:16:26,500 --> 00:16:31,129

uncovered that the skeptics are going to

387

00:16:29,208 --> 00:16:32,568

be the ones that will find it it won't

388

00:16:31,129 --> 00:16:34,100

come from the believers because they

389

00:16:32,568 --> 00:16:37,250

already believe in it it's like they're

390

00:16:34,100 --> 00:16:39,920

up they are teased but it work so you

391

00:16:37,250 --> 00:16:41,870

can levitate we know that you know but

392

00:16:39,919 --> 00:16:44,719

if the skeptics found somebody and they

393

00:16:41,870 --> 00:16:47,328

tested them and they were doing these

394

00:16:44,720 --> 00:16:49,399

more than chance things then that's

395

00:16:47,328 --> 00:16:51,199

where we come from come from science it

396

00:16:49,399 --> 00:16:53,509

wouldn't come from

397

00:16:51,200 --> 00:16:56,900

the New Age movement have you actually

398

00:16:53,509 --> 00:16:59,659

tested oh yeah so when you talk about

399

00:16:56,899 --> 00:17:03,199

some others or overall they're all at

400  
00:16:59,659 --> 00:17:07,059  
the AIG wescom you can see because what

401  
00:17:03,200 --> 00:17:09,410  
women and the I IG has really moved

402  
00:17:07,059 --> 00:17:11,119  
dramatically forward I mean we really

403  
00:17:09,410 --> 00:17:14,480  
were really getting a lot of scheme

404  
00:17:11,119 --> 00:17:16,789  
right now because well because they

405  
00:17:14,480 --> 00:17:20,420  
started to really focus on being

406  
00:17:16,789 --> 00:17:22,670  
proactive and taking in a lot of a lot

407  
00:17:20,420 --> 00:17:27,410  
of applications for people who say they

408  
00:17:22,670 --> 00:17:29,690  
can do so yeah now we've got some very

409  
00:17:27,410 --> 00:17:31,820  
interesting interesting ones we've got a

410  
00:17:29,690 --> 00:17:34,670  
huge backless the people that were just

411  
00:17:31,819 --> 00:17:37,609  
trying to decide how to test if the

412  
00:17:34,670 --> 00:17:42,200  
protocol has to be decided and agreed

413  
00:17:37,609 --> 00:17:44,149  
upon by both parties so that's not

414  
00:17:42,200 --> 00:17:46,279  
always easy because most of these people

415  
00:17:44,150 --> 00:17:48,019  
they on their applications and say I'm

416  
00:17:46,279 --> 00:17:51,289  
psychic and you say well what can you do

417  
00:17:48,019 --> 00:17:53,000  
anything I can do anything I talked to

418  
00:17:51,289 --> 00:17:56,659  
God and are like well how do we test

419  
00:17:53,000 --> 00:17:58,789  
that it show us how we can test that you

420  
00:17:56,660 --> 00:18:02,269  
then we had this one guy I might mention

421  
00:17:58,789 --> 00:18:05,509  
his name who says that he is he could be

422  
00:18:02,269 --> 00:18:08,389  
a Bible prophet reincarnated we're going

423  
00:18:05,509 --> 00:18:10,069  
okay how do we test that so we kind of

424  
00:18:08,390 --> 00:18:12,560  
put it in their laps you know show us

425  
00:18:10,069 --> 00:18:14,179  
how we can test that and then we'll do

426  
00:18:12,559 --> 00:18:17,299  
it and then they stopped writing you

427  
00:18:14,180 --> 00:18:19,310  
know suddenly so so it boils down to

428

00:18:17,299 --> 00:18:22,490  
that's what steering committee does is

429  
00:18:19,309 --> 00:18:24,589  
we look at the ones that still hang in

430  
00:18:22,490 --> 00:18:27,049  
there after a couple months and really

431  
00:18:24,589 --> 00:18:29,119  
believe that they have something before

432  
00:18:27,049 --> 00:18:31,609  
we parted ways I decided to show off

433  
00:18:29,119 --> 00:18:33,909  
some of my magic skills one magician to

434  
00:18:31,609 --> 00:18:33,909  
another

435  
00:18:34,500 --> 00:18:41,319  
pick a card any card all right and stick

436  
00:18:38,559 --> 00:18:43,649  
it back in the deck all right all right

437  
00:18:41,319 --> 00:18:47,889  
are you thinking of your car I am I'm

438  
00:18:43,650 --> 00:18:51,790  
concentrate concentrate I will shuffle

439  
00:18:47,890 --> 00:18:58,090  
the deck I and you are sending me

440  
00:18:51,789 --> 00:19:04,200  
psychic messages yes okay and I'm was

441  
00:18:58,089 --> 00:19:04,199  
this your card no okay

442  
00:19:09,179 --> 00:19:16,860

hey Kenny oh hi Tom I save this park

443

00:19:13,119 --> 00:19:19,298

yeah yes great weather oh look a unicorn

444

00:19:16,859 --> 00:19:22,449

unicorn there are no such things as

445

00:19:19,298 --> 00:19:24,639

unicorns silly yes there is no there

446

00:19:22,450 --> 00:19:27,788

isn't hey guys what are you arguing

447

00:19:24,640 --> 00:19:29,919

about tom thinks unicorns are real say

448

00:19:27,788 --> 00:19:33,009

so our let's look this up in the

449

00:19:29,919 --> 00:19:35,169

skeptics dictionary the what how can we

450

00:19:33,009 --> 00:19:36,730

do this in this bar there is no computer

451

00:19:35,169 --> 00:19:38,860

here you guys probably don't know about

452

00:19:36,730 --> 00:19:42,009

the skeptics dictionary app available

453

00:19:38,859 --> 00:19:45,519

now for iPhone iPad and iPod touch in

454

00:19:42,009 --> 00:19:47,379

the app store Wow cool the app lets you

455

00:19:45,519 --> 00:19:49,089

access all of the great skeptics

456

00:19:47,380 --> 00:19:52,090

dictionary articles when you're on the

457  
00:19:49,089 --> 00:19:55,029  
go here let me look up unicorns down

458  
00:19:52,089 --> 00:19:57,339  
cool Kenny prepare to be proven wrong it

459  
00:19:55,029 --> 00:20:01,119  
says here the Unicorn is a creature from

460  
00:19:57,339 --> 00:20:02,589  
fables aha actually I see now that

461  
00:20:01,119 --> 00:20:05,408  
someone just dumped their ice cream cone

462  
00:20:02,589 --> 00:20:08,849  
on that horse's head thanks skeptics

463  
00:20:05,409 --> 00:20:08,850  
dictionary iphone app

464  
00:20:12,720 --> 00:20:17,339  
well I'm still in the United States

465  
00:20:14,970 --> 00:20:18,929  
folks and I've only for a few days I've

466  
00:20:17,339 --> 00:20:21,509  
been visiting with Brian darling from

467  
00:20:18,929 --> 00:20:23,580  
skip go com a good friend but I'm really

468  
00:20:21,509 --> 00:20:27,029  
happy to catch up with our brand new

469  
00:20:23,579 --> 00:20:30,480  
reporter penny Chen hi penny hi Richard

470  
00:20:27,029 --> 00:20:32,279  
and I've sent you on a little mission

471  
00:20:30,480 --> 00:20:34,740  
some to ask some questions which will be

472  
00:20:32,279 --> 00:20:36,899  
coming up in or maybe even on the next

473  
00:20:34,740 --> 00:20:38,970  
episode of the skeptic zone I hope

474  
00:20:36,900 --> 00:20:41,669  
you're having fun being a skeptic zone

475  
00:20:38,970 --> 00:20:43,440  
reporter I'm having so much fun I really

476  
00:20:41,669 --> 00:20:45,809  
like it I'm really pleased to hear that

477  
00:20:43,440 --> 00:20:49,440  
I even noticed that your dad bought you

478  
00:20:45,808 --> 00:20:51,210  
a new microphone for your I found to do

479  
00:20:49,440 --> 00:20:53,880  
interviews yes and it's working great so

480  
00:20:51,210 --> 00:20:55,140  
far it's fun to use so you've been

481  
00:20:53,880 --> 00:20:56,820  
asking lots of people lots of questions

482  
00:20:55,140 --> 00:20:59,130  
which I'm looking forward to hearing

483  
00:20:56,819 --> 00:21:01,558  
hearing the answers on the skeptic zone

484  
00:20:59,130 --> 00:21:03,450  
and I must say penny I had the great

485

00:21:01,558 --> 00:21:06,210  
pleasure of having lunch with your dad

486  
00:21:03,450 --> 00:21:08,308  
your dad up in San Francisco nice i'm in

487  
00:21:06,210 --> 00:21:10,110  
berkeley in fact a couple of days ago I

488  
00:21:08,308 --> 00:21:12,178  
he's a nice guy he's a nice guy but

489  
00:21:10,109 --> 00:21:17,279  
let's just say he's a really nice guy

490  
00:21:12,179 --> 00:21:19,650  
yeah and he took took us a little tour

491  
00:21:17,279 --> 00:21:21,359  
of do you see the score did you see mr.

492  
00:21:19,650 --> 00:21:23,370  
the school where he teaches yeah I never

493  
00:21:21,359 --> 00:21:25,379  
been there before oh well I've been

494  
00:21:23,369 --> 00:21:28,579  
around there but not not to where he is

495  
00:21:25,380 --> 00:21:31,049  
exactly but the funniest thing was the

496  
00:21:28,579 --> 00:21:33,230  
and and maybe our listeners don't

497  
00:21:31,048 --> 00:21:36,058  
realize this that Berkeley University

498  
00:21:33,230 --> 00:21:38,400  
Nobel laureates get their own parking

499  
00:21:36,058 --> 00:21:41,250

spot did you know that I did not know

500

00:21:38,400 --> 00:21:44,669

that but it makes sense yeah and you

501

00:21:41,250 --> 00:21:47,640

think oh wow that that's that's nice but

502

00:21:44,669 --> 00:21:50,429

but it costs a fortune to pocket

503

00:21:47,640 --> 00:21:52,020

berkeley yes it does i'm lucky enough

504

00:21:50,429 --> 00:21:54,390

whenever I need to go there I just

505

00:21:52,019 --> 00:21:56,849

borrow my dad's parking pass and like

506

00:21:54,390 --> 00:22:00,210

just use that but he showed us the UM

507

00:21:56,849 --> 00:22:03,119

the parking spots allocated for nobel

508

00:22:00,210 --> 00:22:06,000

laureates and i think there was seven or

509

00:22:03,119 --> 00:22:11,219

eight which i counted yeah yeah good

510

00:22:06,000 --> 00:22:12,869

grief that's a well we're here at

511

00:22:11,220 --> 00:22:15,240

actually where the university of

512

00:22:12,869 --> 00:22:17,339

california irvine which is not far from

513

00:22:15,240 --> 00:22:18,839

Los Angeles we're here for skeptics in

514  
00:22:17,339 --> 00:22:21,240  
the pub which is really great though

515  
00:22:18,839 --> 00:22:23,038  
it's a huge table full of skeptics and

516  
00:22:21,240 --> 00:22:24,990  
I'm so pleased and everyone's coming up

517  
00:22:23,038 --> 00:22:25,869  
to say hello to me which is really nice

518  
00:22:24,990 --> 00:22:27,849  
I

519  
00:22:25,869 --> 00:22:29,979  
like the concept of skeptics in the pub

520  
00:22:27,849 --> 00:22:31,329  
I think it's it's it's great i know it's

521  
00:22:29,980 --> 00:22:33,849  
all around the world and i keep saying

522  
00:22:31,329 --> 00:22:36,490  
to people if you don't have a skeptics

523  
00:22:33,849 --> 00:22:39,369  
in the pub in your city no matter where

524  
00:22:36,490 --> 00:22:41,410  
you are in the world why not organise

525  
00:22:39,369 --> 00:22:43,839  
ones you really should it's so easy to

526  
00:22:41,410 --> 00:22:45,070  
do just facebook or meetup com i don't

527  
00:22:43,839 --> 00:22:46,599  
know if you guys have that oh yeah

528  
00:22:45,069 --> 00:22:48,308  
absolutely that's more why'd ya meetup

529  
00:22:46,599 --> 00:22:51,369  
com is the way to go I think yeah

530  
00:22:48,308 --> 00:22:54,879  
Facebook of course pick a pub which is

531  
00:22:51,369 --> 00:22:56,349  
is pop any pub will do really hopefully

532  
00:22:54,880 --> 00:22:59,140  
one that serves food I think that that's

533  
00:22:56,349 --> 00:23:01,689  
a good move pick a night put it out

534  
00:22:59,140 --> 00:23:03,400  
there if you do let me know at the

535  
00:23:01,690 --> 00:23:05,980  
skeptic zone i'll certainly be happy to

536  
00:23:03,400 --> 00:23:09,519  
run to promote it and you meet wonderful

537  
00:23:05,980 --> 00:23:11,190  
interesting people yep it's fun I really

538  
00:23:09,519 --> 00:23:13,929  
like it I mean I look forward to coming

539  
00:23:11,190 --> 00:23:15,600  
I'm kind of stuck in the middle I live

540  
00:23:13,929 --> 00:23:18,370  
in long beach which is halfway between a

541  
00:23:15,599 --> 00:23:20,230  
kind of halfway between what's a year

542

00:23:18,369 --> 00:23:22,089  
irvine where we are now and then there's

543  
00:23:20,230 --> 00:23:24,279  
one and that meets in north hollywood

544  
00:23:22,089 --> 00:23:26,230  
uh-huh with the greater la skeptics one

545  
00:23:24,279 --> 00:23:28,450  
so it's kind of difficult to get up

546  
00:23:26,230 --> 00:23:30,039  
there especially on saturday nights so i

547  
00:23:28,450 --> 00:23:31,840  
think i've only gone to one or two up

548  
00:23:30,039 --> 00:23:33,159  
there in Hollywood which I love that

549  
00:23:31,839 --> 00:23:35,470  
bunch too i love you guys you guys are

550  
00:23:33,160 --> 00:23:36,340  
great but that's easier for me to come

551  
00:23:35,470 --> 00:23:38,589  
down here because there's a pretty

552  
00:23:36,339 --> 00:23:41,079  
traffic coming down here here's a lovely

553  
00:23:38,589 --> 00:23:43,750  
pop I mean any pub will do photo really

554  
00:23:41,079 --> 00:23:45,549  
will um and you won't regret it it's a

555  
00:23:43,750 --> 00:23:48,009  
good night annually like I said you mean

556  
00:23:45,549 --> 00:23:50,139

the most afraid you meet your friend you

557

00:23:48,009 --> 00:23:51,730

do you mean really good friends who have

558

00:23:50,140 --> 00:23:55,150

a similar interest and isn't that what

559

00:23:51,730 --> 00:23:56,890

everybody craves meeting people with the

560

00:23:55,150 --> 00:23:59,440

similar interests penny it's so nice to

561

00:23:56,890 --> 00:24:00,850

have you on the skeptic zone and I and

562

00:23:59,440 --> 00:24:03,640

I'm sure our audience look forward to

563

00:24:00,849 --> 00:24:05,649

all your lovely reports coming up i love

564

00:24:03,640 --> 00:24:07,509

i love reporting for you guys much love

565

00:24:05,650 --> 00:24:10,450

to y'all in australia and whoever

566

00:24:07,509 --> 00:24:13,299

listens all around the world even in

567

00:24:10,450 --> 00:24:14,769

California yeah we should actually go

568

00:24:13,299 --> 00:24:18,419

back into the pub now he keep

569

00:24:14,769 --> 00:24:18,420

socializing candy okay yes

570

00:24:29,548 --> 00:24:34,089

this is ben Radford I'm deputy editor of

571  
00:24:32,529 --> 00:24:36,158  
skeptical inquirer science magazine

572  
00:24:34,089 --> 00:24:38,079  
author of six books including tracking

573  
00:24:36,159 --> 00:24:46,539  
chupacabra and you can find out more

574  
00:24:38,079 --> 00:24:49,298  
about me at Benjamin Radford calm now

575  
00:24:46,538 --> 00:24:53,919  
it's time for dr. Richie reports with

576  
00:24:49,298 --> 00:24:56,950  
dr. Rachel Dunlop color listeners and

577  
00:24:53,919 --> 00:24:58,809  
welcome to dr. ecchi reports this week

578  
00:24:56,950 --> 00:25:01,058  
I'm going to talk to you about watered

579  
00:24:58,808 --> 00:25:03,490  
down science being taught in Australian

580  
00:25:01,058 --> 00:25:04,869  
universities now if you live in

581  
00:25:03,490 --> 00:25:07,269  
Australia you probably thought that

582  
00:25:04,869 --> 00:25:10,329  
homeopathy was not publicly funded in

583  
00:25:07,269 --> 00:25:12,009  
Australia at least not directly on the

584  
00:25:10,329 --> 00:25:13,720  
zone previously I've talked about how

585  
00:25:12,009 --> 00:25:15,759  
the government supplements private

586  
00:25:13,720 --> 00:25:18,069  
health funds which can fund things like

587  
00:25:15,759 --> 00:25:21,879  
homeopathy but this has always been in

588  
00:25:18,069 --> 00:25:23,859  
direct funding not direct well in the

589  
00:25:21,880 --> 00:25:25,360  
media in the last few weeks in Australia

590  
00:25:23,859 --> 00:25:27,308  
there's been a lot of talk about

591  
00:25:25,359 --> 00:25:30,399  
complementary and alternative medicine

592  
00:25:27,308 --> 00:25:32,649  
being taught in universities and a new

593  
00:25:30,400 --> 00:25:35,110  
lobby group known as friends of science

594  
00:25:32,650 --> 00:25:37,210  
in medicine was recently established to

595  
00:25:35,109 --> 00:25:40,029  
get the discussion going about whether

596  
00:25:37,210 --> 00:25:42,400  
this is a good thing now full disclosure

597  
00:25:40,029 --> 00:25:44,918  
at this point because I recently added

598  
00:25:42,400 --> 00:25:47,769  
my name to the 400 long list of doctors

599

00:25:44,919 --> 00:25:49,809  
scientists and concerned citizens who

600  
00:25:47,769 --> 00:25:52,690  
are worried about pseudoscience creeping

601  
00:25:49,808 --> 00:25:55,240  
into universities so the discussion has

602  
00:25:52,690 --> 00:25:56,830  
been taking place in the form of several

603  
00:25:55,240 --> 00:25:59,769  
articles written for a website called

604  
00:25:56,829 --> 00:26:02,139  
the conversation and lots of articles in

605  
00:25:59,769 --> 00:26:04,509  
the mainstream media including a poll

606  
00:26:02,140 --> 00:26:06,419  
which appeared in fairfax this week

607  
00:26:04,509 --> 00:26:07,990  
where you can vote whether you think

608  
00:26:06,419 --> 00:26:11,080  
pseudoscience should stay in

609  
00:26:07,990 --> 00:26:12,940  
universities and the discussion not

610  
00:26:11,079 --> 00:26:15,399  
unsurprisingly has ruffled some feathers

611  
00:26:12,940 --> 00:26:18,159  
which i think is a really good thing as

612  
00:26:15,400 --> 00:26:20,620  
i said in a comment i left on a story

613  
00:26:18,159 --> 00:26:22,900

about this on the conversation website I

614

00:26:20,619 --> 00:26:25,359

don't see anything wrong with us looking

615

00:26:22,900 --> 00:26:27,850

at these courses and determining if what

616

00:26:25,359 --> 00:26:29,288

they are teaching is evidence-based now

617

00:26:27,849 --> 00:26:31,119

if we find that there's nothing wrong

618

00:26:29,288 --> 00:26:31,869

with the courses we can carry on our

619

00:26:31,119 --> 00:26:34,419

merry way

620

00:26:31,869 --> 00:26:36,839

and everyone's happy yet some kin

621

00:26:34,420 --> 00:26:39,279

proponents don't seem to see it this way

622

00:26:36,839 --> 00:26:41,589

some have been behaving as if they have

623

00:26:39,279 --> 00:26:44,230

been persecuted and some are claiming

624

00:26:41,589 --> 00:26:46,539

that taking cam out of universities puts

625

00:26:44,230 --> 00:26:49,019

the public at risk as practitioners are

626

00:26:46,539 --> 00:26:51,670

more likely exposed to shonky teaching

627

00:26:49,019 --> 00:26:53,920

now I haven't seen any evidence for this

628  
00:26:51,670 --> 00:26:57,910  
but as usual I'm willing to look at it

629  
00:26:53,920 --> 00:26:59,800  
if it is true however this misses the

630  
00:26:57,910 --> 00:27:02,050  
point that it doesn't matter where you

631  
00:26:59,799 --> 00:27:04,359  
teach pseudoscience if it's nonsense

632  
00:27:02,049 --> 00:27:07,149  
outside of the university it remains

633  
00:27:04,359 --> 00:27:09,939  
nonsense when taught inside one so for

634  
00:27:07,150 --> 00:27:11,890  
example teaching homeopathy or tactile

635  
00:27:09,940 --> 00:27:14,890  
therapy in a university environment

636  
00:27:11,890 --> 00:27:16,660  
won't make it work so recently on

637  
00:27:14,890 --> 00:27:18,850  
Twitter the argument began to heat up

638  
00:27:16,660 --> 00:27:21,429  
with one of Australia's most well-known

639  
00:27:18,849 --> 00:27:24,459  
doctors and supporters of CAM Professor

640  
00:27:21,429 --> 00:27:26,620  
Kerin Phelps jumping into the mix now on

641  
00:27:24,460 --> 00:27:28,029  
Australia Day myself and several other

642  
00:27:26,619 --> 00:27:30,129  
people had quite a long conversation

643  
00:27:28,029 --> 00:27:32,319  
with her which remained for the most

644  
00:27:30,130 --> 00:27:35,050  
part civil if not a little heated and

645  
00:27:32,319 --> 00:27:36,730  
this was until I suggested that we just

646  
00:27:35,049 --> 00:27:38,829  
weed out the stuff from universities

647  
00:27:36,730 --> 00:27:42,250  
that we know doesn't work or we know

648  
00:27:38,829 --> 00:27:45,970  
can't work for example subluxations in

649  
00:27:42,250 --> 00:27:47,619  
chiropractic and homeopathy the response

650  
00:27:45,970 --> 00:27:49,750  
i received from Professor Phelps was

651  
00:27:47,619 --> 00:27:51,549  
rather odd to say the least and I'm

652  
00:27:49,750 --> 00:27:54,279  
still unsure exactly what she was

653  
00:27:51,549 --> 00:27:56,769  
getting at basically my tweet to her

654  
00:27:54,279 --> 00:27:59,230  
said but homeopathy will never work

655  
00:27:56,769 --> 00:28:01,839  
subluxations for chiropractic will never

656

00:27:59,230 --> 00:28:04,630  
be found and her response to this was

657  
00:28:01,839 --> 00:28:08,769  
the homeopath argument is always the

658  
00:28:04,630 --> 00:28:10,750  
last refuge of the skeptic now I'm not

659  
00:28:08,769 --> 00:28:12,759  
exactly sure what this means but some

660  
00:28:10,750 --> 00:28:14,920  
people suggested this is an example of

661  
00:28:12,759 --> 00:28:17,710  
the no true Scotsman fallacy and

662  
00:28:14,920 --> 00:28:19,509  
basically this really means don't

663  
00:28:17,710 --> 00:28:21,429  
mention homeopathy even we're

664  
00:28:19,509 --> 00:28:24,220  
embarrassed as can proponents by

665  
00:28:21,429 --> 00:28:26,019  
homeopathy so in the meantime I've been

666  
00:28:24,220 --> 00:28:28,329  
poking around for information on whether

667  
00:28:26,019 --> 00:28:31,269  
homeopathy is taught in universities in

668  
00:28:28,329 --> 00:28:33,549  
Australia as a standalone subject and I

669  
00:28:31,269 --> 00:28:35,529  
haven't found any evidence can

670  
00:28:33,549 --> 00:28:37,299

practitioners indeed had confirmed this

671

00:28:35,529 --> 00:28:39,250  
to me pointing out that it was a

672

00:28:37,299 --> 00:28:41,799  
requirement to enter the bachelor of

673

00:28:39,250 --> 00:28:43,990  
health science complementary medicine at

674

00:28:41,799 --> 00:28:45,220  
charles sturt university but was not

675

00:28:43,990 --> 00:28:48,058  
taught as a separate

676

00:28:45,220 --> 00:28:50,919  
subject well in fact they were wrong

677

00:28:48,058 --> 00:28:53,288  
homeopathy is taught as a standalone

678

00:28:50,919 --> 00:28:55,780  
subject at a publicly funded University

679

00:28:53,288 --> 00:28:57,940  
in New South Wales as part of Southern

680

00:28:55,779 --> 00:29:00,819  
Cross University's bachelor of clinical

681

00:28:57,940 --> 00:29:03,250  
sciences indeed they offer two courses

682

00:29:00,819 --> 00:29:06,129  
in homeopathy introductory homeopathy

683

00:29:03,250 --> 00:29:08,079  
and clinical homeopathy and it's also

684

00:29:06,130 --> 00:29:10,870  
offered as a service in their health

685  
00:29:08,079 --> 00:29:12,629  
clinic in fact there's even a prize

686  
00:29:10,869 --> 00:29:15,428  
offered at Southern Cross University

687  
00:29:12,630 --> 00:29:18,250  
known as the Warren Brower memorial

688  
00:29:15,429 --> 00:29:20,740  
prize it's awarded to the net trappa

689  
00:29:18,250 --> 00:29:22,929  
Thea Ward graduate who has exhibited a

690  
00:29:20,740 --> 00:29:24,548  
high level of proficiency in the

691  
00:29:22,929 --> 00:29:27,009  
understanding and application of

692  
00:29:24,548 --> 00:29:29,139  
homeopathy and the prizes to the value

693  
00:29:27,009 --> 00:29:31,839  
of five hundred dollars and it's donated

694  
00:29:29,140 --> 00:29:33,538  
by brow and natural medicine now Brower

695  
00:29:31,839 --> 00:29:35,980  
natural medicine are one of the biggest

696  
00:29:33,538 --> 00:29:38,288  
manufacturers of homeopathy in Australia

697  
00:29:35,980 --> 00:29:40,990  
so since Southern Cross University is a

698  
00:29:38,288 --> 00:29:43,690  
publicly funded University they receive

699  
00:29:40,990 --> 00:29:47,710  
government funding and in 2011 they

700  
00:29:43,690 --> 00:29:49,779  
received 32 million dollars thus public

701  
00:29:47,710 --> 00:29:52,419  
funding is going towards the teaching of

702  
00:29:49,779 --> 00:29:53,918  
nonsense in Australian universities and

703  
00:29:52,419 --> 00:29:57,009  
I say that with confidence because

704  
00:29:53,919 --> 00:29:59,320  
homeopathy is nonsense so I've written

705  
00:29:57,009 --> 00:30:00,940  
to Southern Cross University to ask for

706  
00:29:59,319 --> 00:30:03,490  
their course outlines for both these

707  
00:30:00,940 --> 00:30:04,900  
classes and i'm hoping i get to see them

708  
00:30:03,490 --> 00:30:07,359  
so i can get a better idea of exactly

709  
00:30:04,900 --> 00:30:08,830  
what they teach so with continued

710  
00:30:07,359 --> 00:30:10,928  
pressure from friends of science in

711  
00:30:08,829 --> 00:30:13,359  
medicine this conversation will likely

712  
00:30:10,929 --> 00:30:15,309  
continue for some time and I would like

713

00:30:13,359 --> 00:30:18,009  
to see the first casualties to be these

714  
00:30:15,308 --> 00:30:19,960  
courses at Southern Cross University the

715  
00:30:18,009 --> 00:30:23,079  
debate is still raging at the website

716  
00:30:19,960 --> 00:30:25,090  
the conversation edu a you and this

717  
00:30:23,079 --> 00:30:27,548  
comment that was left some time ago has

718  
00:30:25,089 --> 00:30:29,889  
really summed up this debate for me it's

719  
00:30:27,548 --> 00:30:33,220  
from an ex herbalist and the following

720  
00:30:29,890 --> 00:30:35,620  
excerpts speaks volumes time to face the

721  
00:30:33,220 --> 00:30:37,720  
facts data is coming in and it's not

722  
00:30:35,619 --> 00:30:39,279  
looking good it's clearly showing that

723  
00:30:37,720 --> 00:30:42,460  
what we do is not much better than

724  
00:30:39,279 --> 00:30:44,798  
placebo so the question is do we have

725  
00:30:42,460 --> 00:30:47,890  
the humility to accept the evidence and

726  
00:30:44,798 --> 00:30:50,200  
dump these theories I doubt it have I

727  
00:30:47,890 --> 00:30:52,900

seen the industry contest or reject its

728

00:30:50,200 --> 00:30:55,960

own stupidities like live blood analysis

729

00:30:52,900 --> 00:30:58,690

or detoxing when it can't name one toxin

730

00:30:55,960 --> 00:31:01,390

that it's a method supposedly detox

731

00:30:58,690 --> 00:31:02,950

oh it embraces them instead if you'd

732

00:31:01,390 --> 00:31:04,780

like to leave a comment you can find the

733

00:31:02,950 --> 00:31:06,700

accompanying blog for this week's dr.

734

00:31:04,779 --> 00:31:09,460

Richie reports on the official blog of

735

00:31:06,700 --> 00:31:11,380

the skeptic zone at skeptics book calm

736

00:31:09,460 --> 00:31:13,630

and for those listeners who are in

737

00:31:11,380 --> 00:31:17,110

Australia I'm giving a talk on Wednesday

738

00:31:13,630 --> 00:31:20,110

the february 15 2012 in Canberra for the

739

00:31:17,109 --> 00:31:22,839

Canberra skeptics entitled diagnosis by

740

00:31:20,109 --> 00:31:24,639

dr. Google well I'll be going through

741

00:31:22,839 --> 00:31:26,759

some of the more bizarre and strange

742  
00:31:24,640 --> 00:31:29,770  
information you can find on the internet

743  
00:31:26,759 --> 00:31:31,629  
talking about diagnosis by dr. Google

744  
00:31:29,769 --> 00:31:34,420  
and how you can actually find accurate

745  
00:31:31,630 --> 00:31:36,670  
health information on the Internet the

746  
00:31:34,420 --> 00:31:38,800  
lecture is free it goes from six o'clock

747  
00:31:36,670 --> 00:31:41,140  
til 730 and we're having dinner

748  
00:31:38,799 --> 00:31:44,139  
afterwards so if you'd like to join us

749  
00:31:41,140 --> 00:31:47,140  
for dinner you can RSVP at mail at

750  
00:31:44,140 --> 00:31:49,030  
Canberra skeptics okay you and you can

751  
00:31:47,140 --> 00:31:52,420  
find more information about this talk at

752  
00:31:49,029 --> 00:31:54,460  
Canberra skeptics or gay you and until

753  
00:31:52,420 --> 00:31:56,910  
next time this has been dr. retching

754  
00:31:54,460 --> 00:31:56,910  
reports

755  
00:31:57,269 --> 00:32:02,858  
dr. Rachel Dunlop is one of Australia's

756  
00:32:00,098 --> 00:32:04,259  
foremost media commentators in matters

757  
00:32:02,858 --> 00:32:06,819  
concerning so-called alternative

758  
00:32:04,259 --> 00:32:10,628  
medicine she has appeared on national

759  
00:32:06,819 --> 00:32:12,908  
radio and national television dr. AG is

760  
00:32:10,628 --> 00:32:16,868  
available for interviews and you can

761  
00:32:12,909 --> 00:32:20,099  
contact her at Rachel at skeptic zone

762  
00:32:16,868 --> 00:32:20,098  
dot TV

763  
00:32:26,980 --> 00:32:33,230  
hi this is Carrie papi i am ross Blocher

764  
00:32:30,740 --> 00:32:36,679  
oh hey Ross hey we're from a podcast

765  
00:32:33,230 --> 00:32:38,389  
called oh no roster kerry we find out

766  
00:32:36,679 --> 00:32:40,100  
what happens when you show up and ask

767  
00:32:38,388 --> 00:32:42,199  
questions we've hung out with the Cabal

768  
00:32:40,099 --> 00:32:45,048  
with the Mormons we've gone and gotten

769  
00:32:42,200 --> 00:32:47,210  
ear candles gone to the Sikhs we show up

770

00:32:45,048 --> 00:32:49,339  
so you don't have to so find out where

771  
00:32:47,210 --> 00:32:51,409  
we're going next we'll even have special

772  
00:32:49,339 --> 00:32:53,599  
episodes where we have famous guests

773  
00:32:51,409 --> 00:32:55,370  
like Brian Dalton from mr. deity you

774  
00:32:53,599 --> 00:32:57,759  
heard that awesome theme music he wrote

775  
00:32:55,369 --> 00:33:01,788  
that you should come visit us at Oh No

776  
00:32:57,759 --> 00:33:04,579  
podcast.com or facebook.com slash on

777  
00:33:01,788 --> 00:33:08,450  
rack what the hell's honor a cross Oh in

778  
00:33:04,579 --> 00:33:13,069  
RAC Oh No Ross and Carrie that's our

779  
00:33:08,450 --> 00:33:15,230  
show that's a smart come join us hi I'm

780  
00:33:13,069 --> 00:33:17,689  
Reverend Stefan Soyka from the

781  
00:33:15,230 --> 00:33:20,179  
charismatic church of our Lord Jesus the

782  
00:33:17,690 --> 00:33:22,399  
martyred lamb hamburger joint and chapel

783  
00:33:20,179 --> 00:33:25,038  
beside the Sydney to Newcastle freeway

784  
00:33:22,398 --> 00:33:27,168

and I've been asked by Jesus and by

785

00:33:25,038 --> 00:33:29,148

living ministry software and Investment

786

00:33:27,169 --> 00:33:32,480

Corporation to speak to you today about

787

00:33:29,148 --> 00:33:34,638

our Lord praise be to Jesus we've all

788

00:33:32,480 --> 00:33:37,099

heard of the face of Jesus being found

789

00:33:34,638 --> 00:33:39,949

in a piece of toast a sheet or a soiled

790

00:33:37,099 --> 00:33:42,490

nappy we'll get ready because Jesus is

791

00:33:39,950 --> 00:33:45,169

going to start being seen everywhere

792

00:33:42,490 --> 00:33:47,179

introducing living ministry software and

793

00:33:45,169 --> 00:33:49,669

investment corporations Jesus face

794

00:33:47,179 --> 00:33:51,830

recognition software version 1.2 beta

795

00:33:49,669 --> 00:33:53,750

Lord be praised through a state

796

00:33:51,829 --> 00:33:55,609

government software development grant I

797

00:33:53,750 --> 00:33:57,288

applied for and wrote myself into the

798

00:33:55,609 --> 00:33:59,329

proposal for healthy consulting fee

799  
00:33:57,288 --> 00:34:00,769  
living ministry software investment

800  
00:33:59,329 --> 00:34:04,069  
corporation have created the ultimate

801  
00:34:00,769 --> 00:34:06,589  
way to recognize Jesus face in anything

802  
00:34:04,069 --> 00:34:08,898  
Jesus face recognition software version

803  
00:34:06,589 --> 00:34:11,119  
1.2 beta at only eight hundred ninety

804  
00:34:08,898 --> 00:34:14,358  
nine euros connects directly to any

805  
00:34:11,119 --> 00:34:16,010  
camera or scanner via USB once you have

806  
00:34:14,358 --> 00:34:18,230  
manually installed and configured the

807  
00:34:16,010 --> 00:34:20,690  
unrecognized non-compliant drivers and

808  
00:34:18,230 --> 00:34:23,418  
can also browse any computer image

809  
00:34:20,690 --> 00:34:25,579  
library of unlimited size detect and

810  
00:34:23,418 --> 00:34:27,949  
spurious lee interpolate literally

811  
00:34:25,579 --> 00:34:30,139  
millions of instances of Jesus face

812  
00:34:27,949 --> 00:34:31,819  
within your photo collection we have

813  
00:34:30,139 --> 00:34:34,550  
developed an algorithm pray

814  
00:34:31,820 --> 00:34:36,769  
Jesus that looks for lines points shapes

815  
00:34:34,550 --> 00:34:39,289  
colors and shading that might even

816  
00:34:36,769 --> 00:34:42,139  
remotely correspond across a huge

817  
00:34:39,289 --> 00:34:44,750  
spectrum of tentative partial or longbow

818  
00:34:42,139 --> 00:34:47,719  
geometric and biometric matches to its

819  
00:34:44,750 --> 00:34:50,090  
built-in database of 700 million

820  
00:34:47,719 --> 00:34:52,369  
different images of Jesus right click

821  
00:34:50,090 --> 00:34:54,200  
saved from google images the files are

822  
00:34:52,369 --> 00:34:56,659  
then superimposed with the matching

823  
00:34:54,199 --> 00:34:58,189  
Jesus face image ready to print out

824  
00:34:56,659 --> 00:35:00,799  
instantly and send to your local

825  
00:34:58,190 --> 00:35:03,110  
newspaper never again do you need to

826  
00:35:00,800 --> 00:35:05,180  
rely on your own brains primitive

827

00:35:03,110 --> 00:35:07,460  
pattern recognition faculties to see

828  
00:35:05,179 --> 00:35:09,679  
Jesus on the toilet wall now you can

829  
00:35:07,460 --> 00:35:11,929  
snap that photo with your iPhone and

830  
00:35:09,679 --> 00:35:13,359  
harness the power of living ministry

831  
00:35:11,929 --> 00:35:15,309  
software and Investment Corporation

832  
00:35:13,360 --> 00:35:18,170  
state-of-the-art facial recognition

833  
00:35:15,309 --> 00:35:20,690  
algorithms to fight him hallelujah

834  
00:35:18,170 --> 00:35:23,150  
whether the image is in a cloud a craggy

835  
00:35:20,690 --> 00:35:26,599  
cliff face or in excrement speared pigs

836  
00:35:23,150 --> 00:35:28,670  
hindquarters Jesus is everywhere Jesus

837  
00:35:26,599 --> 00:35:31,130  
face recognition software version 1.2

838  
00:35:28,670 --> 00:35:33,320  
beta is so powerful it can pick out an

839  
00:35:31,130 --> 00:35:35,930  
image of Christ with the same or even

840  
00:35:33,320 --> 00:35:38,300  
better accuracy than an astrologer if

841  
00:35:35,929 --> 00:35:40,519

you thought tracing the minut detail of

842

00:35:38,300 --> 00:35:42,530

a Scorpion's exoskeleton out of 18

843

00:35:40,519 --> 00:35:45,409

points of light in the sky was amazing

844

00:35:42,530 --> 00:35:47,840

try feeding your own wedding photos into

845

00:35:45,409 --> 00:35:50,000

our software application Jesus will be

846

00:35:47,840 --> 00:35:52,010

revealed in the entrée the red wine

847

00:35:50,000 --> 00:35:54,530

stains on the tablecloth and you might

848

00:35:52,010 --> 00:35:56,750

even find Jesus face as an exact match

849

00:35:54,530 --> 00:35:59,120

on the celebrant yours Truly's face

850

00:35:56,750 --> 00:36:01,219

since I did get one of those caricature

851

00:35:59,119 --> 00:36:03,440

artists at the local markets to draw me

852

00:36:01,219 --> 00:36:05,599

looking like Jesus with a halo and crown

853

00:36:03,440 --> 00:36:07,849

of thorns a few months back and uploaded

854

00:36:05,599 --> 00:36:11,119

the image to Flickr Picasa and my own

855

00:36:07,849 --> 00:36:13,309

web page naming it Jesus hyphen face.jpg

856  
00:36:11,119 --> 00:36:15,920  
to ensure Google would pick it up if you

857  
00:36:13,309 --> 00:36:18,559  
order now we'll throw in for free our

858  
00:36:15,920 --> 00:36:21,980  
full set of expansion packs the baby

859  
00:36:18,559 --> 00:36:25,099  
Jesus mother Mary Moses and yes even God

860  
00:36:21,980 --> 00:36:27,469  
himself and coming soon Jesus face

861  
00:36:25,099 --> 00:36:29,509  
recognition software version two where

862  
00:36:27,469 --> 00:36:31,639  
we plug it into a pair of wearable

863  
00:36:29,510 --> 00:36:34,880  
goggles so that you can live your entire

864  
00:36:31,639 --> 00:36:37,609  
life bombarded by millions of images of

865  
00:36:34,880 --> 00:36:39,829  
Jesus overlaid onto your own augmented

866  
00:36:37,610 --> 00:36:42,200  
reality in this version we will also be

867  
00:36:39,829 --> 00:36:42,949  
adding the Satan expansion pack so you

868  
00:36:42,199 --> 00:36:45,049  
can know

869  
00:36:42,949 --> 00:36:47,449  
just how tenuous your grip on salvation

870  
00:36:45,050 --> 00:36:50,180  
is with temptation literally everywhere

871  
00:36:47,449 --> 00:36:51,949  
but fear not it's nothing that a visit

872  
00:36:50,179 --> 00:36:54,108  
to the charismatic church of our Lord

873  
00:36:51,949 --> 00:36:56,059  
Jesus the martyred lamb hamburger joint

874  
00:36:54,108 --> 00:36:57,588  
and chapel beside the city to Newcastle

875  
00:36:56,059 --> 00:36:59,809  
freeway and a special one-on-one

876  
00:36:57,588 --> 00:37:04,420  
spiritual healing in the motel room out

877  
00:36:59,809 --> 00:37:04,420  
the back can't fix hallelujah

878  
00:37:08,989 --> 00:37:13,069  
I'm Eugenie Scott executive director of

879  
00:37:11,750 --> 00:37:16,070  
the National Center for Science

880  
00:37:13,070 --> 00:37:17,869  
Education in Oakland California we

881  
00:37:16,070 --> 00:37:19,670  
defend and support the teaching of

882  
00:37:17,869 --> 00:37:21,559  
evolution and climate change when it

883  
00:37:19,670 --> 00:37:23,690  
comes under attack for religious and

884

00:37:21,559 --> 00:37:26,119  
political reasons we help teachers

885  
00:37:23,690 --> 00:37:28,760  
parents school boards and other citizens

886  
00:37:26,119 --> 00:37:32,300  
defend good science in the schools come

887  
00:37:28,760 --> 00:37:34,880  
visit us at NCC calm and on YouTube and

888  
00:37:32,300 --> 00:37:37,460  
Facebook and let us know if science

889  
00:37:34,880 --> 00:37:40,119  
comes under attack in your community we

890  
00:37:37,460 --> 00:37:40,119  
are here to help

891  
00:37:49,579 --> 00:37:55,380  
this is ian Bryce of Australian skeptics

892  
00:37:52,579 --> 00:37:57,359  
continuing with our description from a

893  
00:37:55,380 --> 00:37:59,999  
couple of weeks ago of the rusty

894  
00:37:57,358 --> 00:38:03,119  
coldfusion tests you recall that a

895  
00:37:59,998 --> 00:38:07,108  
couple of weeks ago we spoke of my

896  
00:38:03,119 --> 00:38:09,930  
investigation into mr. Rossi's so-called

897  
00:38:07,108 --> 00:38:11,639  
ecat energy catalyzer in italy which has

898  
00:38:09,929 --> 00:38:13,259

for the last year he's been showing to

899

00:38:11,639 --> 00:38:15,208  
scientists and making claims of

900

00:38:13,259 --> 00:38:19,889  
producing much more heat out than heat

901

00:38:15,208 --> 00:38:21,838  
in by virtue of cold fusion so I'll just

902

00:38:19,889 --> 00:38:23,969  
read a little bit for you from the press

903

00:38:21,838 --> 00:38:25,828  
release with that we put out how russy's

904

00:38:23,969 --> 00:38:28,858  
cold fusion tests misled the world

905

00:38:25,829 --> 00:38:30,900  
scientists inadvertent miss wiring of

906

00:38:28,858 --> 00:38:32,518  
leads is the cause all around the world

907

00:38:30,900 --> 00:38:34,769  
thousands of people have been heralding

908

00:38:32,518 --> 00:38:36,448  
the introduction of Rossi's ecat energy

909

00:38:34,768 --> 00:38:38,458  
catalyzer device which claims to

910

00:38:36,449 --> 00:38:41,219  
generate more energy output than his

911

00:38:38,458 --> 00:38:43,889  
input due to low energy nuclear reaction

912

00:38:41,219 --> 00:38:45,900  
or LAN are what makes this claim

913  
00:38:43,889 --> 00:38:47,248  
different is that at least 15 scientists

914  
00:38:45,900 --> 00:38:49,469  
from around the world including NASA

915  
00:38:47,248 --> 00:38:51,298  
have lent some support for it after

916  
00:38:49,469 --> 00:38:53,759  
witnessing a demonstration analyzing the

917  
00:38:51,298 --> 00:38:55,528  
results they generally conclude that the

918  
00:38:53,759 --> 00:38:57,119  
output power was apparently much larger

919  
00:38:55,528 --> 00:38:58,259  
than the input and only nuclear

920  
00:38:57,119 --> 00:39:01,229  
reactions could account for the

921  
00:38:58,259 --> 00:39:03,659  
difference however dick smith patron of

922  
00:39:01,228 --> 00:39:05,098  
Australian skeptics says it would be

923  
00:39:03,659 --> 00:39:07,368  
great if it's true but it's more likely

924  
00:39:05,099 --> 00:39:09,749  
just a Miss connection of the power lead

925  
00:39:07,369 --> 00:39:11,880  
bit of background now Smith was

926  
00:39:09,748 --> 00:39:13,169  
approached in December to invest two

927  
00:39:11,880 --> 00:39:15,088  
hundred thousand dollars in the scheme

928  
00:39:13,170 --> 00:39:17,789  
to provide almost free energy and thus

929  
00:39:15,088 --> 00:39:19,768  
save the planet from climate change he

930  
00:39:17,789 --> 00:39:22,469  
sent aerospace engineer Ian Bryce of

931  
00:39:19,768 --> 00:39:24,268  
Australian skeptics that's me to

932  
00:39:22,469 --> 00:39:27,059  
investors meeting on the New South Wales

933  
00:39:24,268 --> 00:39:29,938  
north coast on January 13 to investigate

934  
00:39:27,059 --> 00:39:32,369  
now you remember at that time we

935  
00:39:29,938 --> 00:39:33,899  
reported back to dick smith and said

936  
00:39:32,369 --> 00:39:35,068  
that there's a mysterious blue box

937  
00:39:33,900 --> 00:39:37,108  
involved here that I don't quite

938  
00:39:35,068 --> 00:39:38,699  
understand its purpose we shouldn't

939  
00:39:37,108 --> 00:39:42,088  
invest in it until we investigate a bit

940  
00:39:38,699 --> 00:39:43,949  
more now let's recall the setup as its

941

00:39:42,088 --> 00:39:46,380  
as the scientists have observed it

942  
00:39:43,949 --> 00:39:47,938  
firstly the demonstrations taking place

943  
00:39:46,380 --> 00:39:49,679  
in a room and there's a power point as a

944  
00:39:47,938 --> 00:39:52,558  
power cord coming from the power point

945  
00:39:49,679 --> 00:39:54,959  
to a blue box which has got some buttons

946  
00:39:52,559 --> 00:39:56,579  
and dials on it and it's got a bunch of

947  
00:39:54,958 --> 00:40:00,268  
wires going to several resistive heating

948  
00:39:56,579 --> 00:40:01,710  
devices in the reactor which is a copper

949  
00:40:00,268 --> 00:40:04,319  
device

950  
00:40:01,710 --> 00:40:05,940  
to contain the nuclear reaction and the

951  
00:40:04,320 --> 00:40:08,130  
heat output is measured by putting

952  
00:40:05,940 --> 00:40:09,869  
pumping in cold water in one end and

953  
00:40:08,130 --> 00:40:11,940  
measuring the amount of steam and hot

954  
00:40:09,869 --> 00:40:13,140  
water that come out the other so by

955  
00:40:11,940 --> 00:40:15,838

thermodynamics you can work out the

956

00:40:13,139 --> 00:40:17,338

increase in enthalpy it's called the

957

00:40:15,838 --> 00:40:20,400

amount of energy produced by the nuclear

958

00:40:17,338 --> 00:40:23,250

reaction now the input power is measured

959

00:40:20,400 --> 00:40:26,400

by a voltmeter and ammeter placed on the

960

00:40:23,250 --> 00:40:29,070

active lead near the power point and the

961

00:40:26,400 --> 00:40:31,440

observing scientists and observers have

962

00:40:29,070 --> 00:40:33,300

all noted that this is a seems to be a

963

00:40:31,440 --> 00:40:35,099

valid way of measuring the input power

964

00:40:33,300 --> 00:40:36,599

they don't know what's in the blue box

965

00:40:35,099 --> 00:40:38,130

exactly but if you open it up there's no

966

00:40:36,599 --> 00:40:41,039

batteries or capacitors or energy

967

00:40:38,130 --> 00:40:43,250

storage devices all there is there is

968

00:40:41,039 --> 00:40:46,588

some electronics which appear to be

969

00:40:43,250 --> 00:40:49,019

simply regulators a bit like a light

970  
00:40:46,588 --> 00:40:51,420  
dimmer for AC industrial type light

971  
00:40:49,019 --> 00:40:54,929  
dimmer several of those it's going to a

972  
00:40:51,420 --> 00:40:56,789  
to a circuit inside the reactor that

973  
00:40:54,929 --> 00:40:58,289  
Rossi says it doesn't matter what output

974  
00:40:56,789 --> 00:40:59,699  
they're producing because their input

975  
00:40:58,289 --> 00:41:02,219  
from the power point is being clearly

976  
00:40:59,699 --> 00:41:05,219  
measured now picture this the input from

977  
00:41:02,219 --> 00:41:07,348  
the power point is about 1.3 amps and

978  
00:41:05,219 --> 00:41:10,169  
230 volts with producing about 300 watts

979  
00:41:07,349 --> 00:41:12,480  
input power but the amount of steam

980  
00:41:10,170 --> 00:41:15,420  
coming out corresponds to about 3000

981  
00:41:12,480 --> 00:41:17,250  
watts and this goes on for about three

982  
00:41:15,420 --> 00:41:19,639  
hours so there's more output than input

983  
00:41:17,250 --> 00:41:22,050  
and this is the situation that's been

984  
00:41:19,639 --> 00:41:24,838  
puzzling all the analysts around the

985  
00:41:22,050 --> 00:41:28,320  
world and adding a lot of credibility to

986  
00:41:24,838 --> 00:41:30,239  
cold fusion and enabling Rossi to gain

987  
00:41:28,320 --> 00:41:33,150  
some credence with investors to put

988  
00:41:30,239 --> 00:41:35,539  
money into the scheme now since that

989  
00:41:33,150 --> 00:41:37,800  
time what's happened is that I've been

990  
00:41:35,539 --> 00:41:39,570  
puzzling over this setup and wondering

991  
00:41:37,800 --> 00:41:42,150  
where the energy could be coming from if

992  
00:41:39,570 --> 00:41:44,700  
it's not real maybe it is real cold

993  
00:41:42,150 --> 00:41:46,608  
fusion but there are actually a few

994  
00:41:44,699 --> 00:41:49,139  
problems with had been real cold fusion

995  
00:41:46,608 --> 00:41:51,210  
when is the lack of a theory to support

996  
00:41:49,139 --> 00:41:53,069  
it another one is Rossi's credibility

997  
00:41:51,210 --> 00:41:55,380  
I'd like to correct something I said a

998

00:41:53,070 --> 00:41:56,970  
couple of weeks ago I mentioned Rossi

999  
00:41:55,380 --> 00:41:59,400  
not being a physicist I should have said

1000  
00:41:56,969 --> 00:42:01,108  
that he claimed to have a chemical

1001  
00:41:59,400 --> 00:42:02,820  
engineering degree from Kensington

1002  
00:42:01,108 --> 00:42:06,480  
University and that claim turned out to

1003  
00:42:02,820 --> 00:42:09,900  
be false so now what was wrong with this

1004  
00:42:06,480 --> 00:42:12,358  
setup it came to me in at 353 am at a

1005  
00:42:09,900 --> 00:42:15,210  
Eureka moment having trouble sleeping

1006  
00:42:12,358 --> 00:42:17,369  
always boiling over in my mind

1007  
00:42:15,210 --> 00:42:20,220  
and I realized that let's suppose that

1008  
00:42:17,369 --> 00:42:23,309  
the earth wire of this power cord had

1009  
00:42:20,219 --> 00:42:26,549  
been connected not to the earth penis

1010  
00:42:23,309 --> 00:42:28,559  
are supposed to but to the active pin so

1011  
00:42:26,550 --> 00:42:30,210  
it can carry power into the blue box and

1012  
00:42:28,559 --> 00:42:31,980

is not being measured because no one

1013

00:42:30,210 --> 00:42:34,769

measures current in the earth wire it's

1014

00:42:31,980 --> 00:42:36,869

assumed to be zero and let's suppose

1015

00:42:34,769 --> 00:42:40,199

that in the blue box the earth wire goes

1016

00:42:36,869 --> 00:42:43,289

to a second regulator called let's say

1017

00:42:40,199 --> 00:42:46,559

the B regulator which is going into a

1018

00:42:43,289 --> 00:42:48,659

big resistor inside the reactor then

1019

00:42:46,559 --> 00:42:50,159

Russy can turn up these two light

1020

00:42:48,659 --> 00:42:51,719

dimmers in effect any there's an

1021

00:42:50,159 --> 00:42:52,889

official power which gets through comes

1022

00:42:51,719 --> 00:42:55,319

with the active wire and shows on the

1023

00:42:52,889 --> 00:42:57,179

meters to regulate array and there's an

1024

00:42:55,320 --> 00:43:00,210

unofficial power which is now coming

1025

00:42:57,179 --> 00:43:03,269

through the earth wire to regulate it

1026

00:43:00,210 --> 00:43:04,619

being unmeasured and a lot of people

1027  
00:43:03,269 --> 00:43:06,179  
have said the drazi said to this box

1028  
00:43:04,619 --> 00:43:08,400  
fiddling with the switches are fair bit

1029  
00:43:06,179 --> 00:43:10,319  
during the experiment but nothing seems

1030  
00:43:08,400 --> 00:43:12,329  
to happen to the input power shown on

1031  
00:43:10,320 --> 00:43:15,180  
the meter of course because it's only

1032  
00:43:12,329 --> 00:43:16,949  
that 300 watts so my theory is that

1033  
00:43:15,179 --> 00:43:19,169  
perhaps the earth wire has been Miss

1034  
00:43:16,949 --> 00:43:21,719  
connected that the power plug and inside

1035  
00:43:19,170 --> 00:43:23,430  
the blue box to regulate Abby so that

1036  
00:43:21,719 --> 00:43:26,429  
there's a an unofficial circuit

1037  
00:43:23,429 --> 00:43:27,838  
bypassing the power meter now whether

1038  
00:43:26,429 --> 00:43:29,879  
this is deliberate or accidental it's

1039  
00:43:27,838 --> 00:43:32,059  
not for me to say and so let's assume it

1040  
00:43:29,880 --> 00:43:35,369  
was an accident but that nevertheless

1041  
00:43:32,059 --> 00:43:37,949  
this situation could have possibly apply

1042  
00:43:35,369 --> 00:43:40,789  
for the first seven demonstrations of

1043  
00:43:37,949 --> 00:43:45,329  
recap all away from December 2010

1044  
00:43:40,789 --> 00:43:47,309  
through to about June in 2011 all the

1045  
00:43:45,329 --> 00:43:49,739  
tests of three models called the 10

1046  
00:43:47,309 --> 00:43:51,900  
kilowatt model the three kilowatt model

1047  
00:43:49,739 --> 00:43:54,629  
and the three kilowatt truncated model

1048  
00:43:51,900 --> 00:43:57,210  
so that could explain for the power gain

1049  
00:43:54,630 --> 00:43:59,309  
there because from the power plug you

1050  
00:43:57,210 --> 00:44:00,960  
can draw about 12 amps which is about

1051  
00:43:59,309 --> 00:44:02,429  
the equivalent of three thousand watts

1052  
00:44:00,960 --> 00:44:03,690  
worth of power from a power point and

1053  
00:44:02,429 --> 00:44:07,889  
that would explain all of the steam

1054  
00:44:03,690 --> 00:44:10,500  
generated now going on after june in

1055

00:44:07,889 --> 00:44:12,118  
2011 there have been several more

1056  
00:44:10,500 --> 00:44:14,519  
demonstrations but they've been an

1057  
00:44:12,119 --> 00:44:17,400  
entirely different set up its so-called

1058  
00:44:14,519 --> 00:44:19,679  
27 kilowatt device much bigger and in

1059  
00:44:17,400 --> 00:44:22,139  
this case the wiring from the power

1060  
00:44:19,679 --> 00:44:24,629  
point has been different and easily

1061  
00:44:22,139 --> 00:44:26,190  
measured the earth wire hypothesis can't

1062  
00:44:24,630 --> 00:44:27,390  
explain those last two tests but a

1063  
00:44:26,190 --> 00:44:28,099  
number of other scientists have pointed

1064  
00:44:27,389 --> 00:44:29,359  
out

1065  
00:44:28,099 --> 00:44:32,179  
that there are thermocouples in the

1066  
00:44:29,360 --> 00:44:34,099  
output circuit which are wrongly placed

1067  
00:44:32,179 --> 00:44:36,589  
he has a heat exchanger now in the

1068  
00:44:34,099 --> 00:44:38,599  
output circuit and the thermocouples are

1069  
00:44:36,590 --> 00:44:39,980

supposed to measure the temperature rise

1070

00:44:38,599 --> 00:44:41,989

of the wadding water flowing through the

1071

00:44:39,980 --> 00:44:43,699

secondary circuit been the the power

1072

00:44:41,989 --> 00:44:45,379

generated is the temperature rise times

1073

00:44:43,699 --> 00:44:48,349

a specific heat of water times the flow

1074

00:44:45,380 --> 00:44:50,030

all very simple thermodynamics but in

1075

00:44:48,349 --> 00:44:52,219

fact the thermocouple appears to be

1076

00:44:50,030 --> 00:44:54,110

responding instead to the steam

1077

00:44:52,219 --> 00:44:57,529

temperature instead of the cold water

1078

00:44:54,110 --> 00:44:59,570

that the secondary circuit so that would

1079

00:44:57,530 --> 00:45:01,730

have amplified the output power recorded

1080

00:44:59,570 --> 00:45:05,059

their sort of boils down to that in all

1081

00:45:01,730 --> 00:45:08,300

of the tests of Rossi's ecat cold fusion

1082

00:45:05,059 --> 00:45:10,159

devices we've now got an explanation why

1083

00:45:08,300 --> 00:45:12,410

the output power appeared to be more

1084  
00:45:10,159 --> 00:45:14,449  
than the input power we're calling on

1085  
00:45:12,409 --> 00:45:16,849  
mr. Rossi to repeat one of the tests we

1086  
00:45:14,449 --> 00:45:19,819  
suggest that the test of the 29th of

1087  
00:45:16,849 --> 00:45:21,230  
March which was the best documented and

1088  
00:45:19,820 --> 00:45:22,910  
I'll go along there and I'll measure the

1089  
00:45:21,230 --> 00:45:25,880  
power in all three leads and we'll see

1090  
00:45:22,909 --> 00:45:28,279  
him if he still gets his excess power

1091  
00:45:25,880 --> 00:45:30,110  
coming out and if he does say then I'll

1092  
00:45:28,280 --> 00:45:33,019  
apologize and I'll peer supporter of his

1093  
00:45:30,110 --> 00:45:35,269  
project so that's the situation is it at

1094  
00:45:33,019 --> 00:45:37,880  
the moment since we put out our press

1095  
00:45:35,269 --> 00:45:39,559  
release and posted it on quite a few

1096  
00:45:37,880 --> 00:45:41,690  
blogs around the world there a

1097  
00:45:39,559 --> 00:45:45,409  
surprising number of blogs and forums

1098  
00:45:41,690 --> 00:45:46,760  
devoted to Rossi's ecad device because

1099  
00:45:45,409 --> 00:45:48,619  
there's a large number of people who

1100  
00:45:46,760 --> 00:45:50,780  
have been convinced by the fact that all

1101  
00:45:48,619 --> 00:45:53,059  
these scientists supported quite rightly

1102  
00:45:50,780 --> 00:45:56,030  
so I guess so we've put our press

1103  
00:45:53,059 --> 00:45:59,360  
release where possible on the on these

1104  
00:45:56,030 --> 00:46:00,970  
websites and I've been very active on

1105  
00:45:59,360 --> 00:46:03,410  
the blogs explaining what it's all about

1106  
00:46:00,969 --> 00:46:05,359  
we've got our basic press release which

1107  
00:46:03,409 --> 00:46:10,339  
you can download from the skeptics

1108  
00:46:05,360 --> 00:46:11,809  
website on ww skeptics kome you and that

1109  
00:46:10,340 --> 00:46:13,940  
has links to supporting documents

1110  
00:46:11,809 --> 00:46:16,039  
because like all scientific theories

1111  
00:46:13,940 --> 00:46:17,990  
it's only as good as the traceability of

1112

00:46:16,039 --> 00:46:20,420  
the data I've got a second layer of

1113  
00:46:17,989 --> 00:46:21,859  
documents of about ten documents that

1114  
00:46:20,420 --> 00:46:23,990  
are linked from the main document and

1115  
00:46:21,860 --> 00:46:25,820  
then when it wants further details to

1116  
00:46:23,989 --> 00:46:29,089  
back up that I can provide sources for

1117  
00:46:25,820 --> 00:46:31,940  
all my material on this hypothesis now

1118  
00:46:29,090 --> 00:46:34,460  
boy of the blog's been melting down as a

1119  
00:46:31,940 --> 00:46:36,650  
response it appears that some of Rossi's

1120  
00:46:34,460 --> 00:46:38,119  
followers and have had their nose

1121  
00:46:36,650 --> 00:46:39,710  
completely put out of joint by

1122  
00:46:38,119 --> 00:46:41,059  
suggesting that there might be another

1123  
00:46:39,710 --> 00:46:43,190  
explanation

1124  
00:46:41,059 --> 00:46:44,719  
and they've apparently done all sorts of

1125  
00:46:43,190 --> 00:46:46,730  
Google's on me and come up with every

1126  
00:46:44,719 --> 00:46:48,889

bit of dirt they could find talk about

1127

00:46:46,730 --> 00:46:53,840  
slinging mud I've been accused of

1128

00:46:48,889 --> 00:46:57,139  
creating the protest popemobile for my

1129

00:46:53,840 --> 00:46:58,670  
own attention seeking motives but that's

1130

00:46:57,139 --> 00:47:00,829  
got to do with coldfusion I'm not sure

1131

00:46:58,670 --> 00:47:03,190  
and so in pointed out that I'm a mere

1132

00:47:00,829 --> 00:47:07,099  
atheist so what am I opinions worth and

1133

00:47:03,190 --> 00:47:09,230  
the what they do is attack me I get to

1134

00:47:07,099 --> 00:47:10,940  
find anyone attacking the evidence about

1135

00:47:09,230 --> 00:47:12,590  
the experiments they've attacked a few

1136

00:47:10,940 --> 00:47:15,409  
other statements I've made for example I

1137

00:47:12,590 --> 00:47:17,300  
said that the things like it was a bit

1138

00:47:15,409 --> 00:47:19,670  
puzzling that Rossi was letting the

1139

00:47:17,300 --> 00:47:21,230  
wastewater from his reactor go down the

1140

00:47:19,670 --> 00:47:23,990  
sink was one would expect it to be

1141  
00:47:21,230 --> 00:47:25,550  
radioactive and be treated as waste if

1142  
00:47:23,989 --> 00:47:27,349  
there's a real nuclear reaction going on

1143  
00:47:25,550 --> 00:47:29,660  
I also said that the scientists

1144  
00:47:27,349 --> 00:47:31,730  
measuring radiation in the room detected

1145  
00:47:29,659 --> 00:47:33,440  
no radiation therefore there was no

1146  
00:47:31,730 --> 00:47:35,360  
nuclear reaction going on they say

1147  
00:47:33,440 --> 00:47:37,309  
things like I guess but this cold fusion

1148  
00:47:35,360 --> 00:47:38,750  
is a type of low-energy nuclear reaction

1149  
00:47:37,309 --> 00:47:40,849  
and the physics is not all in on that

1150  
00:47:38,750 --> 00:47:43,340  
yet the theory so maybe it doesn't

1151  
00:47:40,849 --> 00:47:45,619  
produce any radiation so I'm seeking

1152  
00:47:43,340 --> 00:47:47,780  
some back up on these things from some

1153  
00:47:45,619 --> 00:47:50,779  
of the real nuclear physicists around

1154  
00:47:47,780 --> 00:47:52,010  
the world to find out how true these are

1155  
00:47:50,780 --> 00:47:54,230  
but the fact remains from an

1156  
00:47:52,010 --> 00:47:56,360  
experimental point of view that I've

1157  
00:47:54,230 --> 00:47:59,960  
provided tentative explanations on how

1158  
00:47:56,360 --> 00:48:03,019  
the output energy could really equally

1159  
00:47:59,960 --> 00:48:05,300  
input energy which would be a blow for

1160  
00:48:03,019 --> 00:48:08,420  
mr. Rossi in it and an equally big blow

1161  
00:48:05,300 --> 00:48:10,820  
for low energy nuclear reactions you

1162  
00:48:08,420 --> 00:48:12,380  
remember that in the last the last time

1163  
00:48:10,820 --> 00:48:14,480  
we talked about this I called for people

1164  
00:48:12,380 --> 00:48:16,250  
around the world to send me an email if

1165  
00:48:14,480 --> 00:48:17,570  
they've got any information or ideas on

1166  
00:48:16,250 --> 00:48:20,090  
it well I must say the response has been

1167  
00:48:17,570 --> 00:48:22,700  
fantastic we've had responses from

1168  
00:48:20,090 --> 00:48:25,700  
Australia from America from Sweden from

1169

00:48:22,699 --> 00:48:28,189  
South Africa from Denmark from the UK

1170  
00:48:25,699 --> 00:48:30,589  
but I've received a lot of advice on

1171  
00:48:28,190 --> 00:48:33,889  
points where my physics is a bit weak or

1172  
00:48:30,590 --> 00:48:35,890  
other areas where my physics is okay and

1173  
00:48:33,889 --> 00:48:38,809  
they've come up with their own

1174  
00:48:35,889 --> 00:48:41,509  
observations and comments and I've even

1175  
00:48:38,809 --> 00:48:44,420  
had one lady come and say was I aware

1176  
00:48:41,510 --> 00:48:46,100  
that such and such a group had attended

1177  
00:48:44,420 --> 00:48:50,659  
a demonstration by Rossi on

1178  
00:48:46,099 --> 00:48:52,558  
such-and-such a date and they brought

1179  
00:48:50,659 --> 00:48:54,958  
their own instruments

1180  
00:48:52,559 --> 00:48:58,229  
and mr. Rossi was unable to get the

1181  
00:48:54,958 --> 00:48:59,879  
reactor to go on that day is it this is

1182  
00:48:58,228 --> 00:49:01,228  
yet to be confirmed but this is the sort

1183  
00:48:59,880 --> 00:49:02,999

of message that's coming in and I'm

1184

00:49:01,228 --> 00:49:04,588  
spending a lot of time tracking down

1185

00:49:02,998 --> 00:49:08,509  
these links to speak to the people

1186

00:49:04,588 --> 00:49:11,068  
involved to get to the bottom of it and

1187

00:49:08,509 --> 00:49:13,588  
so far we've had no evidence at all that

1188

00:49:11,068 --> 00:49:16,739  
the that would falsify the hypothesis

1189

00:49:13,588 --> 00:49:18,900  
the most common problem they've said is

1190

00:49:16,739 --> 00:49:21,179  
that don't you know that such and such a

1191

00:49:18,900 --> 00:49:25,019  
person measured the current on all three

1192

00:49:21,179 --> 00:49:26,728  
leads and disproved your hypothesis and

1193

00:49:25,018 --> 00:49:29,548  
I'd say yes but that was after thee

1194

00:49:26,728 --> 00:49:32,548  
there was after july when the

1195

00:49:29,548 --> 00:49:33,989  
thermocouple was the problem before july

1196

00:49:32,548 --> 00:49:35,458  
where the earth lead was the problem

1197

00:49:33,989 --> 00:49:37,769  
there hasn't been any case of anyone

1198  
00:49:35,458 --> 00:49:41,009  
measuring the input power so it's things

1199  
00:49:37,768 --> 00:49:42,328  
like that but a useful feedback i've got

1200  
00:49:41,009 --> 00:49:43,769  
a detailed list of all the

1201  
00:49:42,329 --> 00:49:45,359  
demonstrations that Rossi is done on a

1202  
00:49:43,768 --> 00:49:47,608  
detailed list of all the scientists

1203  
00:49:45,358 --> 00:49:49,498  
supporting it and what they said which

1204  
00:49:47,608 --> 00:49:52,348  
are linked from the skeptics news

1205  
00:49:49,498 --> 00:49:54,718  
release and that's being amended little

1206  
00:49:52,349 --> 00:49:56,459  
by little as further information comes

1207  
00:49:54,719 --> 00:49:58,349  
in so I hoped that we've got a

1208  
00:49:56,458 --> 00:50:02,938  
comprehensive and accurate database here

1209  
00:49:58,349 --> 00:50:06,420  
that so far supports the hypothesis so

1210  
00:50:02,938 --> 00:50:07,798  
to wrap it up we'd all love to find a

1211  
00:50:06,420 --> 00:50:09,599  
new energy source which could maintain

1212  
00:50:07,798 --> 00:50:12,389  
our living standard well cutting the

1213  
00:50:09,599 --> 00:50:14,099  
carbon emissions but it looks perhaps

1214  
00:50:12,389 --> 00:50:17,400  
like there's a lot more work to be done

1215  
00:50:14,099 --> 00:50:20,900  
before that source comes along busy and

1216  
00:50:17,400 --> 00:50:20,900  
Bryce from the Australian skeptics

1217  
00:50:31,659 --> 00:50:38,358  
hi this is surly Amy from skeptic org I

1218  
00:50:35,659 --> 00:50:40,068  
makes ceramic jewelry it's hand formed

1219  
00:50:38,358 --> 00:50:42,889  
and hand-painted it's inspired by

1220  
00:50:40,068 --> 00:50:47,058  
science and skepticism you can find it

1221  
00:50:42,889 --> 00:50:52,868  
at surly romics com s you are ly are am

1222  
00:50:47,059 --> 00:50:52,869  
ICS com thanks and be skeptical

1223  
00:51:00,679 --> 00:51:05,750  
well well thanks for listening to the

1224  
00:51:03,019 --> 00:51:07,250  
skeptic zone I believe I've lost riches

1225  
00:51:05,750 --> 00:51:09,318  
transmission ears doesn't seem to be

1226

00:51:07,250 --> 00:51:10,699  
coming through anymore that or I bent

1227  
00:51:09,318 --> 00:51:13,400  
one of the acupuncture needles with my

1228  
00:51:10,699 --> 00:51:16,009  
headphones but yeah I've lost him not to

1229  
00:51:13,400 --> 00:51:17,630  
worry he will be back next time and by

1230  
00:51:16,010 --> 00:51:19,280  
the way we are still on track to get

1231  
00:51:17,630 --> 00:51:22,160  
that plane ticket for our reporter

1232  
00:51:19,280 --> 00:51:24,829  
Maynard to make it to Las Vegas for Tam

1233  
00:51:22,159 --> 00:51:26,868  
10 in July and that is only going to

1234  
00:51:24,829 --> 00:51:28,609  
happen because people like you chip in

1235  
00:51:26,869 --> 00:51:30,530  
and we have to thank you on Maynard's

1236  
00:51:28,608 --> 00:51:33,980  
behalf very much for doing that because

1237  
00:51:30,530 --> 00:51:35,869  
he's going to rip them up if he can get

1238  
00:51:33,980 --> 00:51:37,760  
there you know I might even try to make

1239  
00:51:35,869 --> 00:51:41,180  
it out of myself I've just got to find

1240  
00:51:37,760 --> 00:51:43,819

out a scheme to to get there did I say

1241

00:51:41,179 --> 00:51:45,558

scam or scam scheme scheme scam scheme

1242

00:51:43,818 --> 00:51:47,420

all I can say is I'm just sick of all

1243

00:51:45,559 --> 00:51:49,040

the other skeptics own team having fun

1244

00:51:47,420 --> 00:51:51,380

while I'm stuck in this studio all the

1245

00:51:49,039 --> 00:51:54,380

time oh one more thing for those in

1246

00:51:51,380 --> 00:51:58,579

Australia channel 7 are repeating the

1247

00:51:54,380 --> 00:52:00,680

one every sunday at 11am yes by popular

1248

00:51:58,579 --> 00:52:03,318

demand you get to see Richard on the TV

1249

00:52:00,679 --> 00:52:06,919

all over again being his skeptical self

1250

00:52:03,318 --> 00:52:08,929

on that very very entertaining show I

1251

00:52:06,920 --> 00:52:11,329

won't say anymore otherwise I probably

1252

00:52:08,929 --> 00:52:13,519

get sued well that's it for me Stefan

1253

00:52:11,329 --> 00:52:14,809

cyka signing off we will have Richard

1254

00:52:13,519 --> 00:52:17,349

back I'm sure he's going to make a full

1255  
00:52:14,809 --> 00:52:20,329  
recovery by next week and it's all

1256  
00:52:17,349 --> 00:52:21,950  
zoning away again next time thank you

1257  
00:52:20,329 --> 00:52:23,980  
very much for this thing from Sydney

1258  
00:52:21,949 --> 00:52:23,980  
Australia

1259  
00:52:26,699 --> 00:52:33,899  
you've been listening to the skeptic

1260  
00:52:28,920 --> 00:52:37,680  
zone visit our website at [www skeptics](http://www.skeptics)

1261  
00:52:33,900 --> 00:52:40,608  
on TV the comments contacts and extra

1262  
00:52:37,679 --> 00:52:40,608  
video reports