

1
00:00:06,150 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,089 --> 00:00:13,699
from Australia for science and reason

3
00:00:22,480 --> 00:00:29,449
hello and welcome to the skeptics our

4
00:00:25,129 --> 00:00:32,750
own episode number 363 for the fourth of

5
00:00:29,449 --> 00:00:34,460
October 2015 Richard Saunders here with

6
00:00:32,750 --> 00:00:37,460
you from Sydney Australia are you

7
00:00:34,460 --> 00:00:40,039
warming up heating up temperatures

8
00:00:37,460 --> 00:00:41,989
rising that was an old joke Sydney

9
00:00:40,039 --> 00:00:43,729
Australia summer is on the way it's

10
00:00:41,988 --> 00:00:45,349
practically here people are at the beach

11
00:00:43,729 --> 00:00:49,519
today it was only a couple of weeks ago

12
00:00:45,350 --> 00:00:51,320
it was nice and crispy cold well you

13
00:00:49,520 --> 00:00:54,559
didn't tune into the skeptic zone for a

14
00:00:51,320 --> 00:00:56,420
weather report today coming up on this

15
00:00:54,558 --> 00:00:58,849
week's show a bit of a short show this

16
00:00:56,420 --> 00:01:01,400
week it's a it's a holiday here in

17
00:00:58,850 --> 00:01:03,739
Australia the long weekend they caught

18
00:01:01,399 --> 00:01:07,548
I've got some things to do after visit

19
00:01:03,738 --> 00:01:09,798
my mother so a bit of a shortened

20
00:01:07,549 --> 00:01:11,960
skeptical zone nevertheless I hope you

21
00:01:09,799 --> 00:01:14,170
find it interesting and this week we

22
00:01:11,959 --> 00:01:18,459
have an interview with a really really

23
00:01:14,170 --> 00:01:23,359
fascinating man from Israel run levy now

24
00:01:18,459 --> 00:01:25,729
he is an author he's a podcaster mostly

25
00:01:23,359 --> 00:01:29,530
in Hebrew but recently he's taken up

26
00:01:25,730 --> 00:01:32,480
producing a new podcast curious minds

27
00:01:29,530 --> 00:01:34,700
curious minds podcast and in an

28
00:01:32,480 --> 00:01:36,350
interview i chat to him about all sorts

29

00:01:34,700 --> 00:01:39,590
of things why he put the podcast

30
00:01:36,349 --> 00:01:41,390
together and we sort of ramble a bit and

31
00:01:39,590 --> 00:01:44,870
end up talking about Laura Geller

32
00:01:41,390 --> 00:01:48,439
another famous Israeli and free energy

33
00:01:44,870 --> 00:01:50,570
and you'll find out more about this new

34
00:01:48,439 --> 00:01:52,399
and very interesting podcast so that's

35
00:01:50,569 --> 00:01:54,919
this week's episode we also of course

36
00:01:52,400 --> 00:01:57,620
have a week in science from the Royal

37
00:01:54,920 --> 00:01:59,390
Institution of Australia before we get

38
00:01:57,620 --> 00:02:01,400
stuck into the skeptics on don't forget

39
00:01:59,390 --> 00:02:03,650
Susan Kovac is in the country at the

40
00:02:01,400 --> 00:02:07,060
moment and she's already been giving

41
00:02:03,650 --> 00:02:09,500
some talk to our friends in Victoria and

42
00:02:07,060 --> 00:02:12,819
alleged you know of course she's coming

43
00:02:09,500 --> 00:02:15,489

to Sydney she'll be here this Thursday

44

00:02:12,818 --> 00:02:18,560

skeptics in the pub on the eighth of

45

00:02:15,489 --> 00:02:20,709

October at the crown hotel for those

46

00:02:18,560 --> 00:02:22,939

people in Sydney please come along it

47

00:02:20,709 --> 00:02:25,539

promises to be a very interesting night

48

00:02:22,939 --> 00:02:29,099

and then of course you'll be speaking on

49

00:02:25,539 --> 00:02:31,229

the 11th of October at

50

00:02:29,099 --> 00:02:32,729

Stratton's hotel just around the corner

51

00:02:31,229 --> 00:02:34,919

for those people who know Sydney and

52

00:02:32,729 --> 00:02:37,530

it's an afternoon event and afternoon

53

00:02:34,919 --> 00:02:40,109

with Susan go Beck talking about how to

54

00:02:37,530 --> 00:02:43,770

edit Wikipedia and some of her skeptical

55

00:02:40,110 --> 00:02:46,200

adventures go to meetup com /a ust

56

00:02:43,770 --> 00:02:48,540

skeptics aust skeptics for more

57

00:02:46,199 --> 00:02:51,030

information and not to be outdone by our

58
00:02:48,539 --> 00:02:52,769
sydney folks the people in canberra will

59
00:02:51,030 --> 00:02:54,810
be having a special guest speaker joe

60
00:02:52,770 --> 00:02:56,250
nickell who will also be appearing at

61
00:02:54,810 --> 00:02:58,500
the australian skeptics national

62
00:02:56,250 --> 00:03:00,120
convention get your tickets now just

63
00:02:58,500 --> 00:03:01,949
Google Australian skeptics National

64
00:03:00,120 --> 00:03:03,539
Convention Brisbane can't wait to see

65
00:03:01,949 --> 00:03:05,909
you there just look for the skeptic zone

66
00:03:03,539 --> 00:03:08,819
table to meet me may not a run so give

67
00:03:05,909 --> 00:03:10,500
Heidi Joe and as many other people as

68
00:03:08,819 --> 00:03:13,349
possible we can fit in but nevertheless

69
00:03:10,500 --> 00:03:15,240
as I was saying Joe Nickell will be

70
00:03:13,349 --> 00:03:18,060
speaking in Canberra on the

71
00:03:15,240 --> 00:03:21,150
twenty-second of October from 6pm til

72
00:03:18,060 --> 00:03:25,080
730 p.m. at the copland theatre building

73
00:03:21,150 --> 00:03:26,610
25 kingsley street and that's only five

74
00:03:25,080 --> 00:03:28,380
dollars to go along if you're not a

75
00:03:26,610 --> 00:03:30,930
member of the Canberra skeptics or if

76
00:03:28,379 --> 00:03:32,849
you are remember it's free you might

77
00:03:30,930 --> 00:03:34,740
want to join up on the night canberra

78
00:03:32,849 --> 00:03:36,479
skeptics is delighted to present a QA

79
00:03:34,740 --> 00:03:39,510
with one of the leading figures in the

80
00:03:36,479 --> 00:03:41,039
skeptical movement Joe Nickell Joe has

81
00:03:39,509 --> 00:03:43,649
been called the modern sherlock holmes

82
00:03:41,039 --> 00:03:46,169
and the real life Scully a very

83
00:03:43,650 --> 00:03:49,830
entertaining man a very interesting man

84
00:03:46,169 --> 00:03:53,699
I suggest that you go to ww canberra

85
00:03:49,830 --> 00:03:55,620
skeptics or beg you for more information

86

00:03:53,699 --> 00:03:57,780
on that event oh that's enough for me

87
00:03:55,620 --> 00:03:59,879
I'm going to run downstairs well I could

88
00:03:57,780 --> 00:04:02,039
I'll let you in on a secret I'll it I am

89
00:03:59,879 --> 00:04:05,039
downstairs this week in fact I've

90
00:04:02,039 --> 00:04:07,439
recording to you from a microphone

91
00:04:05,039 --> 00:04:12,590
sitting on top of Fred's cat post on a

92
00:04:07,439 --> 00:04:15,719
box fred is behind me on the footstool

93
00:04:12,590 --> 00:04:21,420
looking a little bit worried at what I'm

94
00:04:15,719 --> 00:04:22,589
doing although frog I digress I'm not

95
00:04:21,420 --> 00:04:24,720
going to run downstairs because I am

96
00:04:22,589 --> 00:04:26,909
downstairs I'm going to walk over to the

97
00:04:24,720 --> 00:04:29,430
kitchen which isn't far from here I'm

98
00:04:26,910 --> 00:04:31,410
going to have a nice can of root beer

99
00:04:29,430 --> 00:04:33,480
which I bought the other day bit

100
00:04:31,410 --> 00:04:35,220

expensive but hey why not and then I'm

101

00:04:33,480 --> 00:04:40,050

going to open up this box the microphone

102

00:04:35,220 --> 00:04:41,040

sitting on and make myself a waffle how

103

00:04:40,050 --> 00:04:43,650

about that

104

00:04:41,040 --> 00:04:46,939

well I'm doing all that I hope you enjoy

105

00:04:43,649 --> 00:04:46,939

the skeptics on

106

00:05:06,379 --> 00:05:12,300

and joining me now all the way from

107

00:05:09,569 --> 00:05:14,009

Israel now we don't chat too many people

108

00:05:12,300 --> 00:05:16,348

from Israel so I'm delighted to catch up

109

00:05:14,009 --> 00:05:18,960

with run levy from a little place called

110

00:05:16,348 --> 00:05:23,819

outlet which is near Tel Aviv is that

111

00:05:18,959 --> 00:05:26,838

right run it's Israel as a small country

112

00:05:23,819 --> 00:05:29,218

so everything is white you tell of you I

113

00:05:26,838 --> 00:05:30,689

imagine you all right I didn't think of

114

00:05:29,218 --> 00:05:33,509

it like that coming from Australia of

115
00:05:30,689 --> 00:05:35,689
course where everything is is three days

116
00:05:33,509 --> 00:05:38,490
journey by jet or something like that

117
00:05:35,689 --> 00:05:40,349
that's great now the reason that where

118
00:05:38,490 --> 00:05:42,110
we've hooked up with you today and as I

119
00:05:40,348 --> 00:05:45,598
told my listeners at the top of the show

120
00:05:42,110 --> 00:05:48,389
you're behind a relatively new podcast

121
00:05:45,598 --> 00:05:50,519
out there called curious minds and this

122
00:05:48,389 --> 00:05:52,860
is the podcast for science technology in

123
00:05:50,519 --> 00:05:55,769
history and there are some episodes up

124
00:05:52,860 --> 00:05:57,360
there already and I was where I was on a

125
00:05:55,769 --> 00:05:58,769
bus the other day and I thought I build

126
00:05:57,360 --> 00:06:01,050
this into one of these episodes and I

127
00:05:58,769 --> 00:06:03,870
listened to the one about World War two

128
00:06:01,050 --> 00:06:08,158
and the boats the u-boats what a

129
00:06:03,870 --> 00:06:09,629
fascinating podcast that was talking

130
00:06:08,158 --> 00:06:13,009
about science and history it was very

131
00:06:09,629 --> 00:06:16,169
interesting what what inspired you to

132
00:06:13,009 --> 00:06:18,718
get into this podcasting and why did you

133
00:06:16,168 --> 00:06:20,579
choose this angle I mean we already have

134
00:06:18,718 --> 00:06:22,800
online some other episodes you've done

135
00:06:20,579 --> 00:06:26,149
about x rays which are looking forward

136
00:06:22,800 --> 00:06:28,829
to hearing too and currents why we used

137
00:06:26,149 --> 00:06:31,079
AC and DC and all these sort of currents

138
00:06:28,829 --> 00:06:33,478
what's the inspiration behind all this

139
00:06:31,079 --> 00:06:36,418
first thing the you'd audience should

140
00:06:33,478 --> 00:06:39,118
know is that curious minds which is in

141
00:06:36,418 --> 00:06:43,198
english language podcast is actually my

142
00:06:39,119 --> 00:06:45,930
second podcast my first podcast is one

143

00:06:43,199 --> 00:06:49,468
called making history it's in Hebrew and

144
00:06:45,930 --> 00:06:51,918
it's a it's been i've been doing making

145
00:06:49,468 --> 00:06:56,248
history for almost eight years now and

146
00:06:51,918 --> 00:06:58,829
making history is a as much as curious

147
00:06:56,249 --> 00:07:02,909
minds about technology and science and

148
00:06:58,829 --> 00:07:06,359
history so so making history has been on

149
00:07:02,908 --> 00:07:09,209
the air for like um 170

150
00:07:06,360 --> 00:07:11,520
those about all dealing with yeah we

151
00:07:09,209 --> 00:07:15,658
thank you with subjects from the stupid

152
00:07:11,519 --> 00:07:20,490
science mainly as well as a few skeptic

153
00:07:15,658 --> 00:07:23,009
step skepticism subjects as well and the

154
00:07:20,490 --> 00:07:25,650
region the reason I chose those subjects

155
00:07:23,009 --> 00:07:27,120
is mainly because let's say it's because

156
00:07:25,649 --> 00:07:29,598
of two reasons first time in the

157
00:07:27,120 --> 00:07:32,038

electronics engineer my profession

158

00:07:29,598 --> 00:07:34,378

that's the background I'm coming from

159

00:07:32,038 --> 00:07:37,408

and technology and science is something

160

00:07:34,379 --> 00:07:39,479

that have been it's been fascinating for

161

00:07:37,408 --> 00:07:42,778

me for sensor was you know little

162

00:07:39,478 --> 00:07:45,438

toddler and second I think is that

163

00:07:42,778 --> 00:07:48,810

people often not don't realize how

164

00:07:45,439 --> 00:07:53,210

interesting science and technology can

165

00:07:48,810 --> 00:07:58,250

really be it's not about just facts and

166

00:07:53,209 --> 00:08:01,549

and maybe explaining you know dry

167

00:07:58,250 --> 00:08:05,699

subjects in science there are a lot of

168

00:08:01,550 --> 00:08:08,788

interesting and dramatic stories behind

169

00:08:05,699 --> 00:08:11,580

those subjects much like you mentioned

170

00:08:08,788 --> 00:08:17,838

the episode curious minds episode about

171

00:08:11,579 --> 00:08:21,829

the war of currents the story of why AC

172
00:08:17,838 --> 00:08:24,180
was chosen over DC as a method of

173
00:08:21,829 --> 00:08:27,658
transferring electricity to our homes

174
00:08:24,180 --> 00:08:30,588
it's actually a very dramatic story of a

175
00:08:27,658 --> 00:08:35,129
fight between Nikola Tesla the famous

176
00:08:30,588 --> 00:08:37,799
Serbians that born scientist and Thomas

177
00:08:35,129 --> 00:08:41,070
Edison and it was a bitter fight and

178
00:08:37,799 --> 00:08:43,189
people may not even know they they might

179
00:08:41,070 --> 00:08:47,209
not even know about that dramatic story

180
00:08:43,190 --> 00:08:49,980
so for me as a storyteller yeah

181
00:08:47,208 --> 00:08:52,708
describing that that kind of a vicious

182
00:08:49,980 --> 00:08:54,959
fighting it was vicious vicious battle

183
00:08:52,708 --> 00:08:57,649
actually the first I don't know if the

184
00:08:54,958 --> 00:09:00,750
audience is aware of that but the first

185
00:08:57,649 --> 00:09:05,519
electric chair in the United States was

186
00:09:00,750 --> 00:09:09,409
invented as part of the Edison's attempt

187
00:09:05,519 --> 00:09:12,600
to show that AC electricity is dangerous

188
00:09:09,409 --> 00:09:14,730
so these guys invented by electronic

189
00:09:12,600 --> 00:09:16,980
check so there's a lot of very

190
00:09:14,730 --> 00:09:18,778
interesting in dramatic stories and I

191
00:09:16,980 --> 00:09:21,139
think that that's probably the reason

192
00:09:18,778 --> 00:09:23,669
why making history

193
00:09:21,139 --> 00:09:27,209
I'm happy to say very successful in

194
00:09:23,669 --> 00:09:29,128
Israel we've got off on almost 50,000 or

195
00:09:27,208 --> 00:09:32,068
even more than fifty thousand listeners

196
00:09:29,129 --> 00:09:34,589
per episode which is quite a lot for a

197
00:09:32,068 --> 00:09:36,179
small country such as Israel yes and I'm

198
00:09:34,589 --> 00:09:37,290
pleased that you reminded me of course

199
00:09:36,179 --> 00:09:40,378
and I should have said it at the

200

00:09:37,289 --> 00:09:44,969
beginning that the curious minds podcast

201
00:09:40,379 --> 00:09:49,259
by the way folks that's a ww c.m.p OD

202
00:09:44,970 --> 00:09:51,059
net that that is in English which is a

203
00:09:49,259 --> 00:09:54,259
great help for people like me because my

204
00:09:51,058 --> 00:09:57,028
Hebrew is in quite limited I'm a shame

205
00:09:54,259 --> 00:09:59,879
Shalom that's about it I think um and

206
00:09:57,028 --> 00:10:03,749
and was a little yeah hallelujah is it

207
00:09:59,879 --> 00:10:07,649
that's Hebrew is another yeah and and I

208
00:10:03,749 --> 00:10:08,939
was a very interested to hear the one

209
00:10:07,649 --> 00:10:10,198
episode I've heard and I'm looking

210
00:10:08,938 --> 00:10:12,120
forward to the others because I thought

211
00:10:10,198 --> 00:10:13,438
it was so well produced and I was just

212
00:10:12,120 --> 00:10:16,110
having a little chat to you before we

213
00:10:13,438 --> 00:10:17,998
came on air right now and how important

214
00:10:16,110 --> 00:10:19,919

that is to get your production up but

215

00:10:17,999 --> 00:10:22,139

the the lady you had reading and had a

216

00:10:19,919 --> 00:10:25,019

lovely speaking voice and she was a

217

00:10:22,139 --> 00:10:29,188

pleasure to listen to technically how do

218

00:10:25,019 --> 00:10:33,839

you go about recording your podcast this

219

00:10:29,188 --> 00:10:36,808

particular episode was Pro was recorded

220

00:10:33,839 --> 00:10:40,170

in a professional studio radio stations

221

00:10:36,808 --> 00:10:43,558

to the studio in tel aviv but i also got

222

00:10:40,169 --> 00:10:45,208

a second narrator and name is kelly she

223

00:10:43,558 --> 00:10:48,419

is based in the United States in San

224

00:10:45,208 --> 00:10:50,399

Diego so we actually producing an

225

00:10:48,419 --> 00:10:53,669

episode with her is a bit more

226

00:10:50,399 --> 00:10:55,438

complicated we're recording at Harold

227

00:10:53,669 --> 00:10:57,000

she's recording locally and i'm

228

00:10:55,438 --> 00:11:00,389

recording locally and we're talking to

229
00:10:57,000 --> 00:11:04,049
you skype which which means the sound

230
00:11:00,389 --> 00:11:07,289
quality is fantastic yet the interaction

231
00:11:04,049 --> 00:11:10,229
between between us two hosts is rather

232
00:11:07,289 --> 00:11:13,019
difficult so i had to rewrite some of

233
00:11:10,230 --> 00:11:16,199
the episodes that i wrote initially to

234
00:11:13,019 --> 00:11:19,289
fit for to a more let's say less

235
00:11:16,198 --> 00:11:24,659
interactive version of the two hosts hmm

236
00:11:19,289 --> 00:11:28,019
so yeah so I chose I chosen some sort of

237
00:11:24,659 --> 00:11:30,870
a different format for the show one in

238
00:11:28,019 --> 00:11:34,250
which kelly and and sha Chi are the

239
00:11:30,870 --> 00:11:37,610
deleting hosts and they they narrate

240
00:11:34,250 --> 00:11:42,950
goes to the show and and and me and I

241
00:11:37,610 --> 00:11:45,769
appear on as in let's say I think the

242
00:11:42,950 --> 00:11:47,870
best analogy is when you assume only

243
00:11:45,769 --> 00:11:51,230
seeing the news right on the television

244
00:11:47,870 --> 00:11:53,539
didn't I didn't I clean ooh yeah and and

245
00:11:51,230 --> 00:11:56,210
then the reporter comes on comes on in

246
00:11:53,539 --> 00:11:59,089
he's probably somewhere else is not in

247
00:11:56,210 --> 00:12:02,060
in the studio so the interaction between

248
00:11:59,090 --> 00:12:06,200
the reporter and had the anchor of the

249
00:12:02,059 --> 00:12:08,269
news show is is not immediate the

250
00:12:06,200 --> 00:12:10,580
audience doesn't expect them to be in

251
00:12:08,269 --> 00:12:13,879
the same place murano chose that that's

252
00:12:10,580 --> 00:12:16,190
what I'm oh I'm as if I'm in another

253
00:12:13,879 --> 00:12:18,439
studio it's different studio which means

254
00:12:16,190 --> 00:12:21,470
I get to play some funny games with it

255
00:12:18,440 --> 00:12:24,200
with the format there's for example one

256
00:12:21,470 --> 00:12:27,740
future episode will be airing it next

257

00:12:24,200 --> 00:12:31,040
week I am I'm it's as if I'm in stables

258
00:12:27,740 --> 00:12:33,680
all right and our podcasting studios

259
00:12:31,039 --> 00:12:35,959
have stables and I'm with a horribly

260
00:12:33,679 --> 00:12:40,250
honor cords of course it's all fictional

261
00:12:35,960 --> 00:12:41,629
but it's nice well yes I know it you can

262
00:12:40,250 --> 00:12:43,519
have a lot of fun of course when you're

263
00:12:41,629 --> 00:12:46,009
when you're doing the production as I do

264
00:12:43,519 --> 00:12:48,649
on the skeptic zone sometimes I take

265
00:12:46,009 --> 00:12:50,899
liberties and it's all theater of the

266
00:12:48,649 --> 00:12:53,329
mind I know that but there it is my way

267
00:12:50,899 --> 00:12:55,490
of thinking and I'm glad we agree on

268
00:12:53,330 --> 00:12:59,150
this point that I it's good to have a

269
00:12:55,490 --> 00:13:01,279
good technical standard to a podcast so

270
00:12:59,149 --> 00:13:04,009
it's not a chore to listen to but and

271
00:13:01,279 --> 00:13:06,350

then the content is is so important what

272

00:13:04,009 --> 00:13:08,059

what made you choose that the topic so

273

00:13:06,350 --> 00:13:11,360

far I mean we have an episode there on

274

00:13:08,059 --> 00:13:15,079

on x-rays I'm trying to to find out why

275

00:13:11,360 --> 00:13:17,419

you you chose the topics you did it's a

276

00:13:15,080 --> 00:13:19,520

it's a great privilege since I am the

277

00:13:17,419 --> 00:13:22,639

producer of the show and I was the one

278

00:13:19,519 --> 00:13:25,669

who started it I get to choose whatever

279

00:13:22,639 --> 00:13:28,519

is interesting tonight i know you're

280

00:13:25,669 --> 00:13:31,399

feeling and out of the feeling Zack and

281

00:13:28,519 --> 00:13:34,069

I've got no I've got no you know

282

00:13:31,399 --> 00:13:37,039

producer / me that's maybe overruling my

283

00:13:34,070 --> 00:13:39,740

judgment it's nice so I get yeah it's a

284

00:13:37,039 --> 00:13:42,110

fantastic feeling so in making history

285

00:13:39,740 --> 00:13:45,459

which already has a hundred and seventy

286
00:13:42,110 --> 00:13:47,320
episodes as I remind you I I got to do

287
00:13:45,458 --> 00:13:50,949
episodes which

288
00:13:47,320 --> 00:13:54,629
are widely different from from from

289
00:13:50,950 --> 00:13:58,000
other I think more more mainstream

290
00:13:54,629 --> 00:14:00,960
science and technology media channels

291
00:13:58,000 --> 00:14:03,639
such as National Geographic or discovery

292
00:14:00,960 --> 00:14:06,070
such as maybe I did an episode in the

293
00:14:03,639 --> 00:14:08,379
history on the history of LSD Oh which

294
00:14:06,070 --> 00:14:13,180
is a which is a touchy subject to know

295
00:14:08,379 --> 00:14:15,340
people take it quite seriously and I

296
00:14:13,179 --> 00:14:20,049
think most of the things that I said in

297
00:14:15,340 --> 00:14:22,509
those episode would probably not be not

298
00:14:20,049 --> 00:14:26,559
probably be aired on him on a mainstream

299
00:14:22,509 --> 00:14:29,350
because I talked about I didn't take LSD

300
00:14:26,559 --> 00:14:33,389
in the show I mean not take didn't take

301
00:14:29,350 --> 00:14:37,830
LSD literally yeah but i didn't i didn't

302
00:14:33,389 --> 00:14:42,039
approach the subject of LSD from the

303
00:14:37,830 --> 00:14:44,770
immediate viewpoint of LSD being bad

304
00:14:42,039 --> 00:14:47,740
it's bad so you can't you can't say good

305
00:14:44,769 --> 00:14:50,470
things about LSD but it does it turns

306
00:14:47,740 --> 00:14:56,500
out have a great potential to dealing

307
00:14:50,470 --> 00:14:58,269
with PTSD disorders and OCD sword is so

308
00:14:56,500 --> 00:15:00,820
you got to mention also the good stuff

309
00:14:58,269 --> 00:15:04,090
right right of course that's very

310
00:15:00,820 --> 00:15:06,700
important now just as an aside of what

311
00:15:04,090 --> 00:15:10,750
is the URL for that particular podcast

312
00:15:06,700 --> 00:15:15,850
for our Hebrew listeners it is run levy

313
00:15:10,750 --> 00:15:19,000
calm ra n I EV icom it'sit's started as

314

00:15:15,850 --> 00:15:22,930
my own little show so it as my name on

315
00:15:19,000 --> 00:15:24,370
it well certainly if you can take it now

316
00:15:22,929 --> 00:15:27,009
i'll certainly put a link to that in the

317
00:15:24,370 --> 00:15:29,710
show notes together with the curious

318
00:15:27,009 --> 00:15:32,409
minds actually in continuing of the

319
00:15:29,710 --> 00:15:34,570
previous question i also got a deal with

320
00:15:32,409 --> 00:15:37,809
several subjects which art which are

321
00:15:34,570 --> 00:15:40,270
very touchy in the sense of religion for

322
00:15:37,809 --> 00:15:43,149
example I mean atheists and any skeptics

323
00:15:40,269 --> 00:15:46,720
of greatest skeptic skeptic of course so

324
00:15:43,149 --> 00:15:49,559
I did an episode on on the literal truth

325
00:15:46,720 --> 00:15:54,250
of the south of the Bible oh he has

326
00:15:49,559 --> 00:15:56,759
Israel's got a large percentage of

327
00:15:54,250 --> 00:16:00,159
percentage of the population which is

328
00:15:56,759 --> 00:16:01,200

religious and when I talked about the

329

00:16:00,159 --> 00:16:04,269
Bible and how

330

00:16:01,200 --> 00:16:07,660
most of the stuff written in it is not

331

00:16:04,269 --> 00:16:13,509
literal truth it's more mythical stories

332

00:16:07,659 --> 00:16:15,850
and that episode got many many responses

333

00:16:13,509 --> 00:16:19,740
and comments and some of them were quite

334

00:16:15,850 --> 00:16:22,060
angry because people take it indeed and

335

00:16:19,740 --> 00:16:25,690
i don't think i don't think the

336

00:16:22,059 --> 00:16:27,939
mainstream media ever touches that

337

00:16:25,690 --> 00:16:29,980
subject in israel says it's it's it's a

338

00:16:27,940 --> 00:16:32,950
sensitive subject many of them of the

339

00:16:29,980 --> 00:16:36,009
viewers and listeners might oppose this

340

00:16:32,950 --> 00:16:38,110
kind of conversation but being in an

341

00:16:36,009 --> 00:16:40,588
independent podcaster I can do whatever

342

00:16:38,110 --> 00:16:43,629
like same as the podcast idea about

343
00:16:40,589 --> 00:16:48,760
irregular which is a very famous

344
00:16:43,629 --> 00:16:52,509
israeli-born oh we know your ISA says he

345
00:16:48,759 --> 00:16:55,450
has unnatural power but maybe people in

346
00:16:52,509 --> 00:16:57,460
Israel don't don't get to hear maybe the

347
00:16:55,450 --> 00:16:59,350
the other side of the conversation I

348
00:16:57,460 --> 00:17:00,759
think in the mainstream media now that's

349
00:16:59,350 --> 00:17:03,250
an interesting point and I'm glad you've

350
00:17:00,759 --> 00:17:05,588
raised it because I mean the skeptical

351
00:17:03,250 --> 00:17:09,099
community have known of Uri Geller faux

352
00:17:05,588 --> 00:17:11,338
for forever it's it's part of the folk

353
00:17:09,099 --> 00:17:14,078
Lords why part of why we're here and

354
00:17:11,338 --> 00:17:16,389
when you study his methodology and what

355
00:17:14,078 --> 00:17:18,129
he does it's it's it's it's sort of

356
00:17:16,390 --> 00:17:20,770
drifting into history a lot now when I I

357
00:17:18,130 --> 00:17:22,809
I bend spoons like you regular because

358
00:17:20,769 --> 00:17:26,500
once you learn it's it's not too hard

359
00:17:22,808 --> 00:17:29,500
and I find it fascinating to do because

360
00:17:26,500 --> 00:17:31,210
when when I do it I get two reactions

361
00:17:29,500 --> 00:17:33,789
the first reaction is from older people

362
00:17:31,210 --> 00:17:35,558
who remember uri geller who are

363
00:17:33,789 --> 00:17:38,379
fascinated to see a spoon bending trick

364
00:17:35,558 --> 00:17:43,240
and the second reaction I get is from

365
00:17:38,380 --> 00:17:45,130
mostly everybody else who have no idea

366
00:17:43,240 --> 00:17:47,620
what spoon bending is and have never

367
00:17:45,130 --> 00:17:49,900
heard a very Yeller what's the situation

368
00:17:47,619 --> 00:17:54,459
in Israel he is he still some big

369
00:17:49,900 --> 00:17:56,710
mythical character oh very much so says

370
00:17:54,460 --> 00:17:59,380
he's Israeli born and then international

371

00:17:56,710 --> 00:18:02,440
celebrity and and I'll be honest with

372
00:17:59,380 --> 00:18:05,590
you I mean the knee-jerk reaction is to

373
00:18:02,440 --> 00:18:08,590
be somewhat proud of a guy like Miguel

374
00:18:05,589 --> 00:18:13,720
it came from the same city i was born in

375
00:18:08,589 --> 00:18:14,389
and started you know as a regular Joe

376
00:18:13,720 --> 00:18:17,089
yeah

377
00:18:14,390 --> 00:18:20,600
almost as everybody else and became an

378
00:18:17,089 --> 00:18:22,519
international star and that's it's a

379
00:18:20,599 --> 00:18:24,829
source of pride I guess for many

380
00:18:22,519 --> 00:18:27,170
Israelis I he's I think he's better

381
00:18:24,829 --> 00:18:30,649
known probably than many of Israel's

382
00:18:27,170 --> 00:18:33,050
Nobel Prize winners you said say but

383
00:18:30,650 --> 00:18:34,730
it's true you'd be absolutely right but

384
00:18:33,049 --> 00:18:37,099
I can I you know in a way I can

385
00:18:34,730 --> 00:18:39,410

understand because when when somebody

386

00:18:37,099 --> 00:18:41,359

from this country makes it very big

387

00:18:39,410 --> 00:18:44,840

internationally like Hugh Jackman for

388

00:18:41,359 --> 00:18:47,139

example oh um then then we're also proud

389

00:18:44,839 --> 00:18:50,539

of him and and he's great and he's

390

00:18:47,140 --> 00:18:52,310

vitalized and all the rest of it so yeah

391

00:18:50,539 --> 00:18:53,450

you know in a funny sort of way I can

392

00:18:52,309 --> 00:18:55,639

see that but I'm interested to know that

393

00:18:53,450 --> 00:18:57,650

he's still very well known in Israel

394

00:18:55,640 --> 00:19:00,710

because the rest of the world I think

395

00:18:57,650 --> 00:19:04,400

he's largely forgotten now yeah he did

396

00:19:00,710 --> 00:19:07,039

in Israel about five or six years ago he

397

00:19:04,400 --> 00:19:13,780

had somewhat of a can of a comeback he

398

00:19:07,039 --> 00:19:16,009

started sort of uh a late night show

399

00:19:13,779 --> 00:19:19,879

entertainment show finding the next

400
00:19:16,009 --> 00:19:23,029
Israel's great next supernatural psyche

401
00:19:19,880 --> 00:19:25,430
yeah and i think this same format was

402
00:19:23,029 --> 00:19:30,799
later exported i think to an English

403
00:19:25,430 --> 00:19:32,840
version but it started in Israel and so

404
00:19:30,799 --> 00:19:37,009
he came he did a great comeback comeback

405
00:19:32,839 --> 00:19:39,829
and he is he's a i think a household

406
00:19:37,009 --> 00:19:41,960
name in his rayul sad to say but but

407
00:19:39,829 --> 00:19:45,230
nobody but really not many people know

408
00:19:41,960 --> 00:19:49,670
about james randi for example so that's

409
00:19:45,230 --> 00:19:53,059
why i did episode that i did was on the

410
00:19:49,670 --> 00:19:55,610
story of a girl vs ran james randi i

411
00:19:53,059 --> 00:19:59,299
named the episode or regular vs james

412
00:19:55,609 --> 00:20:02,869
randi as and i pitted them a one against

413
00:19:59,299 --> 00:20:05,000
the other sense they do have a long

414
00:20:02,869 --> 00:20:07,759
history of rivalry between the personal

415
00:20:05,000 --> 00:20:11,150
rivalry yeah so that that was a dramatic

416
00:20:07,759 --> 00:20:14,450
story which pitted or eagerly I think

417
00:20:11,150 --> 00:20:17,330
not it's not very common in Israel but

418
00:20:14,450 --> 00:20:20,480
is there like you can't say the bad guy

419
00:20:17,329 --> 00:20:22,759
because it's not an marywood movie you

420
00:20:20,480 --> 00:20:24,319
didn't I'd like it's not a hero yeah

421
00:20:22,759 --> 00:20:25,609
yeah you're not the hero I know you mean

422
00:20:24,319 --> 00:20:26,519
you didn't paint him in this great

423
00:20:25,609 --> 00:20:28,859
growing

424
00:20:26,519 --> 00:20:31,559
blowing salad yeah yeah interesting

425
00:20:28,859 --> 00:20:34,829
because I've had yeah I've had a few

426
00:20:31,559 --> 00:20:36,379
private chats with james randi over the

427
00:20:34,829 --> 00:20:38,849
years and the topic of Uri Geller and

428

00:20:36,380 --> 00:20:40,890
one day many years down the track I

429
00:20:38,849 --> 00:20:42,769
might write some of those out there he

430
00:20:40,890 --> 00:20:46,710
certainly has an interesting thoughts on

431
00:20:42,769 --> 00:20:49,289
unhurried killer yeah the rivalry

432
00:20:46,710 --> 00:20:52,440
between them was was thick mythical

433
00:20:49,289 --> 00:20:55,619
Indian in bit for the skeptic skeptic

434
00:20:52,440 --> 00:20:59,640
history James Randi was one of the first

435
00:20:55,619 --> 00:21:03,709
people who reveals the hooks on regular

436
00:20:59,640 --> 00:21:07,290
on air in Johnny Carson's shows right

437
00:21:03,710 --> 00:21:10,500
1870s yes lights oh now maybe even the

438
00:21:07,289 --> 00:21:12,450
mid 70s you know that's when Robert

439
00:21:10,500 --> 00:21:15,720
Gallo is I'm really burst onto the scene

440
00:21:12,450 --> 00:21:17,990
was the early 70s what what after it

441
00:21:15,720 --> 00:21:21,870
isn't anything into the fact is a

442
00:21:17,990 --> 00:21:23,519

celebrity status oh no it didn't well

443

00:21:21,869 --> 00:21:25,169

there we are there's a great episode for

444

00:21:23,519 --> 00:21:28,139

a Hebrew listeners to certainly catch

445

00:21:25,170 --> 00:21:30,390

and what an interesting story that is

446

00:21:28,140 --> 00:21:32,670

and I was also interested to see when I

447

00:21:30,390 --> 00:21:36,060

was just having a quick browse around

448

00:21:32,670 --> 00:21:39,360

your website and and some information

449

00:21:36,059 --> 00:21:41,250

that you're an author and you have

450

00:21:39,359 --> 00:21:43,559

written a book on a subject I find

451

00:21:41,250 --> 00:21:45,210

fascinating and a subject that comes up

452

00:21:43,559 --> 00:21:46,700

here in Australia you know for the

453

00:21:45,210 --> 00:21:49,289

Australian skeptics quite a lot

454

00:21:46,700 --> 00:21:52,470

surprisingly and this is perpetual

455

00:21:49,289 --> 00:21:54,809

motion I what what an interesting very

456

00:21:52,470 --> 00:21:57,059

like this yeah well what can you tell me

457
00:21:54,809 --> 00:21:58,529
about some of your discoveries discovery

458
00:21:57,059 --> 00:22:01,129
so what can you tell me about some of

459
00:21:58,529 --> 00:22:04,609
your researches into perpetual motion

460
00:22:01,130 --> 00:22:06,870
okay so just to commit to clarify for

461
00:22:04,609 --> 00:22:09,299
listeners who might not be familiar with

462
00:22:06,869 --> 00:22:11,519
the idea a perpetual motion device or

463
00:22:09,299 --> 00:22:14,099
machine is a machine which doesn't need

464
00:22:11,519 --> 00:22:17,879
external source of energy or any energy

465
00:22:14,099 --> 00:22:22,079
at all to prove to to do useful work ya

466
00:22:17,880 --> 00:22:24,750
think about a car without fuel yeah did

467
00:22:22,079 --> 00:22:27,629
you run without it it feels itself but

468
00:22:24,750 --> 00:22:30,390
yeah it fuels itself yeah so this this

469
00:22:27,630 --> 00:22:32,700
idea of a machine which needs no energy

470
00:22:30,390 --> 00:22:37,890
perpetual motion machine is something

471
00:22:32,700 --> 00:22:39,769
that inventors dream about for really

472
00:22:37,890 --> 00:22:42,050
literally thousands of years

473
00:22:39,769 --> 00:22:45,109
the first ones that we know of from

474
00:22:42,049 --> 00:22:47,960
india more than thousand years ago so

475
00:22:45,109 --> 00:22:51,289
it's it's a history do it's the subject

476
00:22:47,960 --> 00:22:54,130
we'd reach very rich history and it

477
00:22:51,289 --> 00:22:57,639
fascinated me when I was the student in

478
00:22:54,130 --> 00:23:01,150
in the University in Israel's technion

479
00:22:57,640 --> 00:23:04,990
university learning electricity

480
00:23:01,150 --> 00:23:10,090
electrical engineering and I came across

481
00:23:04,990 --> 00:23:11,960
one or two articles about machines and

482
00:23:10,089 --> 00:23:16,369
chronically equipment which is

483
00:23:11,960 --> 00:23:18,200
supposedly a perpetual motion device and

484
00:23:16,369 --> 00:23:20,269
something that doesn't need batteries or

485

00:23:18,200 --> 00:23:23,600
something to work in it fascinated me

486
00:23:20,269 --> 00:23:26,210
person and it was and I've always been

487
00:23:23,599 --> 00:23:28,789
writing you know for myself and short

488
00:23:26,210 --> 00:23:31,490
stories etc so I said you know what

489
00:23:28,789 --> 00:23:34,129
let's let's try and make it to the big

490
00:23:31,490 --> 00:23:36,740
time and write a whole book just it's

491
00:23:34,130 --> 00:23:38,480
not an easy project know about this

492
00:23:36,740 --> 00:23:40,339
subject of perpetual motion machine

493
00:23:38,480 --> 00:23:44,839
because the now as you might guess

494
00:23:40,339 --> 00:23:47,179
there's a lot of inherit drama in trying

495
00:23:44,839 --> 00:23:49,639
to do something which is impossible it

496
00:23:47,180 --> 00:23:54,170
is impossible in scientific sense yet

497
00:23:49,640 --> 00:23:56,230
inventors it is very it's a very elusive

498
00:23:54,170 --> 00:24:00,529
kind of impossible being impossible

499
00:23:56,230 --> 00:24:03,319

since for for inventors especially guys

500

00:24:00,529 --> 00:24:05,990

who are gifted mechanics yes don't have

501

00:24:03,319 --> 00:24:09,980

any you don't have any real scientific

502

00:24:05,990 --> 00:24:13,069

education yeah for them it sounds it

503

00:24:09,980 --> 00:24:15,349

seems as if it should be possibly dude

504

00:24:13,069 --> 00:24:19,759

before is absolutely right and we get

505

00:24:15,349 --> 00:24:23,389

this time people in Australia I'm that

506

00:24:19,759 --> 00:24:25,339

book was was published probably seven or

507

00:24:23,390 --> 00:24:29,240

eight years ago and I'm still getting

508

00:24:25,339 --> 00:24:31,879

every year at least three or four

509

00:24:29,240 --> 00:24:35,809

letters and mails from inventors and I

510

00:24:31,880 --> 00:24:39,620

actually visited one inventor in Tel

511

00:24:35,809 --> 00:24:42,349

Aviv some I think two months ago and he

512

00:24:39,619 --> 00:24:45,619

invented a car which needs no fuel it

513

00:24:42,349 --> 00:24:50,119

runs on it's a classic I want one well

514
00:24:45,619 --> 00:24:53,239
yeah it runs on hydrogen yeah it is he

515
00:24:50,119 --> 00:24:56,539
has a small battery which

516
00:24:53,240 --> 00:24:58,700
forms hydrogen to oxygen and sorry truth

517
00:24:56,539 --> 00:25:02,720
transforms water into oxygen hydrogen

518
00:24:58,700 --> 00:25:06,230
and the car runs over it over that two

519
00:25:02,720 --> 00:25:09,440
chemicals and of course he has to refill

520
00:25:06,230 --> 00:25:13,009
it every he has to refill the water

521
00:25:09,440 --> 00:25:16,340
every several days but he's sure is

522
00:25:13,009 --> 00:25:18,980
canto de lis convinced that with just a

523
00:25:16,339 --> 00:25:21,409
bit of tweaking he might be able to run

524
00:25:18,980 --> 00:25:23,539
with one liter of water forever well

525
00:25:21,410 --> 00:25:25,820
it's amazing it's not a charlatan he

526
00:25:23,539 --> 00:25:28,430
really believes that I absolutely rocked

527
00:25:25,819 --> 00:25:31,759
with him yeah it doesn't do it for money

528
00:25:28,430 --> 00:25:34,490
used for him himself yeah and and of

529
00:25:31,759 --> 00:25:37,039
course doing creating an engine that

530
00:25:34,490 --> 00:25:41,000
runs on hydrogen is potentially very

531
00:25:37,039 --> 00:25:43,849
dangerous since hydrogen is very

532
00:25:41,000 --> 00:25:47,950
combusted and actually his wife told me

533
00:25:43,849 --> 00:25:50,990
that she wants uh started the motor on a

534
00:25:47,950 --> 00:25:54,380
son I think it was a shopping center

535
00:25:50,990 --> 00:25:57,200
parking lot and it stood there for

536
00:25:54,380 --> 00:25:59,630
probably two or three hours so a lot of

537
00:25:57,200 --> 00:26:02,269
hydrogen accumulated in the engine so

538
00:25:59,630 --> 00:26:05,510
when she which started the engine it

539
00:26:02,269 --> 00:26:09,859
gave such a large bang everybody in

540
00:26:05,509 --> 00:26:13,339
Vegas where the father was some kind of

541
00:26:09,859 --> 00:26:17,000
disaster or something well but not not a

542

00:26:13,339 --> 00:26:20,329
good thing to do in in that region right

543
00:26:17,000 --> 00:26:22,940
probably quite dangerous but but the

544
00:26:20,329 --> 00:26:26,089
stories that I found during my research

545
00:26:22,940 --> 00:26:29,720
on the book are fascinating and it the

546
00:26:26,089 --> 00:26:31,819
balance is probably 5050 between real

547
00:26:29,720 --> 00:26:33,920
inventors who have good invent

548
00:26:31,819 --> 00:26:35,929
intentions and not really trying to

549
00:26:33,920 --> 00:26:39,350
create something which they think it's

550
00:26:35,930 --> 00:26:44,060
possible to the other population of

551
00:26:39,349 --> 00:26:46,029
charlatans who who prey on investors and

552
00:26:44,059 --> 00:26:48,799
I think this is probably the most

553
00:26:46,029 --> 00:26:52,509
interesting as well these stories as

554
00:26:48,799 --> 00:26:55,700
you've gotten many many charlatans who

555
00:26:52,509 --> 00:26:58,519
who take take it advantage of people who

556
00:26:55,700 --> 00:27:00,529

have lots of money and sometimes to

557

00:26:58,519 --> 00:27:03,950

really want to use that money to help

558

00:27:00,529 --> 00:27:06,889

humanity and of course there isn't I

559

00:27:03,950 --> 00:27:10,269

guess a much better gift

560

00:27:06,890 --> 00:27:13,900

of humanity than an unlimited source of

561

00:27:10,269 --> 00:27:17,809

machine that can do unlimited work and

562

00:27:13,900 --> 00:27:21,220

those stories are fascinating I mean I

563

00:27:17,809 --> 00:27:25,609

found things that I never knew existed

564

00:27:21,220 --> 00:27:29,089

even in the 19th century such as maybe

565

00:27:25,609 --> 00:27:32,269

you've heard about John Kelly I think

566

00:27:29,089 --> 00:27:35,899

his name was John Kelly who was very

567

00:27:32,269 --> 00:27:40,490

famous in the late 19th century he

568

00:27:35,900 --> 00:27:46,670

invented a device which runs on he said

569

00:27:40,490 --> 00:27:49,549

it's a cosmic energy cosmic so this one

570

00:27:46,670 --> 00:27:51,470

is quite popular even today it's called

571
00:27:49,549 --> 00:27:55,669
now I think they call it now vacuum

572
00:27:51,470 --> 00:27:57,890
energy or zero point energy but that

573
00:27:55,670 --> 00:28:01,310
that's that what he called it back then

574
00:27:57,890 --> 00:28:04,850
and and his machine attracted many

575
00:28:01,309 --> 00:28:07,789
people and he got investments in

576
00:28:04,849 --> 00:28:10,219
millions of dollars which in in the

577
00:28:07,789 --> 00:28:12,859
terms of money from the 19th century is

578
00:28:10,220 --> 00:28:14,750
probably tens and thousands or hundreds

579
00:28:12,859 --> 00:28:18,740
of millions of dollars from investors

580
00:28:14,750 --> 00:28:21,740
and just after he died the day after he

581
00:28:18,740 --> 00:28:23,720
died when the inventors ransacked his

582
00:28:21,740 --> 00:28:27,170
laboratory trying to find the secrets

583
00:28:23,720 --> 00:28:32,809
that grin Duran all the machines they

584
00:28:27,170 --> 00:28:36,620
found a huge huge container of gas gas

585
00:28:32,809 --> 00:28:39,980
bubble balloon of gas a container which

586
00:28:36,619 --> 00:28:43,039
contained condensed air which was huge

587
00:28:39,980 --> 00:28:45,829
was like a ton of two tons of condensed

588
00:28:43,039 --> 00:28:47,750
air just underneath the floor of his

589
00:28:45,829 --> 00:28:51,379
laboratory that condensed air

590
00:28:47,750 --> 00:28:54,170
pressurized air was actually drove all

591
00:28:51,380 --> 00:28:58,190
the machines here people were so

592
00:28:54,170 --> 00:29:00,320
depressed untold sums of money well gone

593
00:28:58,190 --> 00:29:02,840
I mean it's it's so interesting that

594
00:29:00,319 --> 00:29:05,720
hear you say this because this is

595
00:29:02,839 --> 00:29:07,549
mirrored in with the experiences we've

596
00:29:05,720 --> 00:29:09,440
had in Australia and not so many years

597
00:29:07,549 --> 00:29:12,409
ago and skeptics and listeners may

598
00:29:09,440 --> 00:29:14,990
remember this we were reporting on a mr.

599

00:29:12,410 --> 00:29:18,050
Rossi who invented something called i

600
00:29:14,990 --> 00:29:20,390
believe the e-cat and one of our

601
00:29:18,049 --> 00:29:22,339
investigators here in Austria

602
00:29:20,390 --> 00:29:24,290
in Bryce certainly was involved in this

603
00:29:22,339 --> 00:29:27,409
country in any way in trying to put it

604
00:29:24,289 --> 00:29:29,359
to investors the reality behind all this

605
00:29:27,410 --> 00:29:32,180
stuff if you come across mr. Rossi an

606
00:29:29,359 --> 00:29:35,059
easy cut yes yes or some Facebook is a

607
00:29:32,180 --> 00:29:38,029
rife with the mentions of him and his

608
00:29:35,059 --> 00:29:40,549
success and I've gotten out I almost

609
00:29:38,029 --> 00:29:42,799
weekly I've got I'm getting some

610
00:29:40,549 --> 00:29:46,309
somebody sending in an email what about

611
00:29:42,799 --> 00:29:50,240
Rossi maybe he's real and I mean my guy

612
00:29:46,309 --> 00:29:52,789
I says he doesn't publish almost really

613
00:29:50,240 --> 00:29:55,430

anything substantial about his work with

614

00:29:52,789 --> 00:29:57,619

the e-cat except when he needs probably

615

00:29:55,430 --> 00:30:01,039

to raise money from investors of some

616

00:29:57,619 --> 00:30:04,609

yeah I can't really tell what is he what

617

00:30:01,039 --> 00:30:07,210

our claims are he probably didn't invent

618

00:30:04,609 --> 00:30:09,500

anything new it doesn't it doesn't feel

619

00:30:07,210 --> 00:30:11,420

it doesn't you don't get the same

620

00:30:09,500 --> 00:30:13,549

feeling as a scientist who invented

621

00:30:11,420 --> 00:30:17,330

something new since the day he's very

622

00:30:13,549 --> 00:30:20,269

secretive and he's got that angle of the

623

00:30:17,329 --> 00:30:21,769

establishment is going against elaborate

624

00:30:20,269 --> 00:30:24,109

conspiracy theory always comes around

625

00:30:21,769 --> 00:30:26,450

here yeah yeah yeah but but it is an

626

00:30:24,109 --> 00:30:28,869

interesting story so maybe when the when

627

00:30:26,450 --> 00:30:32,090

we hear something more in the future

628
00:30:28,869 --> 00:30:34,609
more substantial I might make an episode

629
00:30:32,089 --> 00:30:37,279
of curious minds about history because

630
00:30:34,609 --> 00:30:39,559
it is interesting well I'll tell you

631
00:30:37,279 --> 00:30:41,149
what I'll do I will certainly put you in

632
00:30:39,559 --> 00:30:42,919
touch with our chief investigator

633
00:30:41,150 --> 00:30:45,410
mysterion Bryce because he has been

634
00:30:42,920 --> 00:30:47,360
investigating free energy zero-point

635
00:30:45,410 --> 00:30:49,759
energy over-unity energy or these terms

636
00:30:47,359 --> 00:30:51,500
for the best part of 30 years I think

637
00:30:49,759 --> 00:30:53,629
and he has a lot of information about

638
00:30:51,500 --> 00:30:56,599
his investigation so I think that might

639
00:30:53,630 --> 00:30:58,940
be good well listen run it's been really

640
00:30:56,599 --> 00:31:00,529
nice to meet you and to have a chat with

641
00:30:58,940 --> 00:31:02,570
you for the skeptics on folks that

642
00:31:00,529 --> 00:31:04,759
website which I can recommend the

643
00:31:02,569 --> 00:31:06,230
podcast is great I've just subscribed in

644
00:31:04,759 --> 00:31:08,210
fact i'm looking forward to hearing the

645
00:31:06,230 --> 00:31:13,970
rest of the episodes that's curious

646
00:31:08,210 --> 00:31:16,279
minds and that's at wwc mpo DCM pod net

647
00:31:13,970 --> 00:31:18,380
and I'm think you'll agree with me

648
00:31:16,279 --> 00:31:20,119
that's a fascinating show and the

649
00:31:18,380 --> 00:31:22,160
episodes are about 45 minutes long so

650
00:31:20,119 --> 00:31:24,409
it's a good episode listen to why you're

651
00:31:22,160 --> 00:31:26,960
commuting or or running around the block

652
00:31:24,410 --> 00:31:29,720
or something like that thank you and the

653
00:31:26,960 --> 00:31:31,910
future I can already reveal to your

654
00:31:29,720 --> 00:31:33,690
listeners that future episodes in the

655
00:31:31,910 --> 00:31:37,590
next couple of weeks we

656

00:31:33,690 --> 00:31:41,278
deal with the history of poisons which

657
00:31:37,589 --> 00:31:44,418
is fascinating from history historical

658
00:31:41,278 --> 00:31:46,638
and biological subjects and also

659
00:31:44,419 --> 00:31:50,278
information digital information

660
00:31:46,638 --> 00:31:52,138
preservation which is this topic not

661
00:31:50,278 --> 00:31:54,450
many people understand yet its

662
00:31:52,138 --> 00:31:57,990
importance I mean we all take pictures

663
00:31:54,450 --> 00:32:00,960
and and and and videos yet they don't

664
00:31:57,990 --> 00:32:02,519
understand I think the challenges of

665
00:32:00,960 --> 00:32:05,340
keeping them for the next hundred years

666
00:32:02,519 --> 00:32:07,769
I think wow grand ranch I think you're

667
00:32:05,339 --> 00:32:10,709
also a Roger you're right because I

668
00:32:07,769 --> 00:32:13,589
about 10 years ago I was very much into

669
00:32:10,710 --> 00:32:16,440
making videos on mini DV tapes which was

670
00:32:13,589 --> 00:32:18,000

the great technology of the time and now

671

00:32:16,440 --> 00:32:20,548

I've got all these papers and I have I

672

00:32:18,000 --> 00:32:22,378

can't I can't access them so it's true

673

00:32:20,548 --> 00:32:26,158

it's true it's true at least you're not

674

00:32:22,378 --> 00:32:29,788

the BBC did the British BBC who invested

675

00:32:26,159 --> 00:32:33,539

a hundred or two hundred million pounds

676

00:32:29,788 --> 00:32:36,450

on laserdisc technology which went

677

00:32:33,538 --> 00:32:38,398

bankrupt up two years later oh boy I

678

00:32:36,450 --> 00:32:41,190

remember this Ron it's been a great

679

00:32:38,398 --> 00:32:44,518

pleasure and it once again folks www.c

680

00:32:41,190 --> 00:32:48,830

import net and but for now run living

681

00:32:44,519 --> 00:32:48,829

thank you very much thank you very much

682

00:33:08,089 --> 00:33:14,069

hello Richard and all the listeners of

683

00:33:11,130 --> 00:33:17,010

skeptic zone my name is Ron levy and I'm

684

00:33:14,069 --> 00:33:19,470

the producer and co-host of curious mind

685
00:33:17,009 --> 00:33:25,829
it's about cast about science technology

686
00:33:19,470 --> 00:33:28,048
and history at wwc em-pod cmp OD dot net

687
00:33:25,829 --> 00:33:30,298
each episode will bring you interesting

688
00:33:28,048 --> 00:33:33,359
stories from a wide range of subjects

689
00:33:30,298 --> 00:33:35,819
from physics astronomy and medicine from

690
00:33:33,359 --> 00:33:37,649
arts to science fiction we strive for

691
00:33:35,819 --> 00:33:40,019
the highest production values both in

692
00:33:37,650 --> 00:33:42,750
content and in delivery we already have

693
00:33:40,019 --> 00:33:45,269
on the air episodes about German u-boats

694
00:33:42,750 --> 00:33:48,329
in Second World War about the history of

695
00:33:45,269 --> 00:33:52,429
x-rays and the war of currents between

696
00:33:48,329 --> 00:33:56,720
Tesla and Edison come and have a listen

697
00:33:52,429 --> 00:33:56,720
wwwcom podna

698
00:34:05,449 --> 00:34:10,168
welcome to a week in science from our

699
00:34:08,039 --> 00:34:12,690
aisles bringing you the science you need

700
00:34:10,168 --> 00:34:15,210
to know diet seemed to fall in and out

701
00:34:12,690 --> 00:34:18,750
of fashion on a regular basis making it

702
00:34:15,210 --> 00:34:21,220
hard to pick fact or fiction

703
00:34:18,750 --> 00:34:23,378
first let's look at the intermittent

704
00:34:21,219 --> 00:34:26,289
fasting principle which inspired the

705
00:34:23,378 --> 00:34:28,329
popular 52 diet basically you eat

706
00:34:26,289 --> 00:34:31,269
normally for five days of the week and

707
00:34:28,329 --> 00:34:33,519
eat just 500 to 600 calories on the

708
00:34:31,269 --> 00:34:35,440
other two days that's equal to just

709
00:34:33,519 --> 00:34:38,019
porridge with fruit for breakfast and

710
00:34:35,440 --> 00:34:40,059
vegetable soup for dinner studies using

711
00:34:38,019 --> 00:34:42,599
rodents have shown that a restricted

712
00:34:40,059 --> 00:34:45,309
calorie diet can help increase lifespan

713

00:34:42,599 --> 00:34:47,618
protect against cognitive decline like

714
00:34:45,309 --> 00:34:50,590
dementia and possibly protect against

715
00:34:47,619 --> 00:34:54,639
diabetes but these results haven't been

716
00:34:50,590 --> 00:34:57,160
shown in humans in fact a 2011 UK study

717
00:34:54,639 --> 00:34:58,840
found that intermittent fasting showed

718
00:34:57,159 --> 00:35:01,239
no greater weight loss or health

719
00:34:58,840 --> 00:35:03,910
benefits than a normal low-calorie diet

720
00:35:01,239 --> 00:35:06,519
fasting also tends to make people over

721
00:35:03,909 --> 00:35:08,858
eat on normal days and can lead to side

722
00:35:06,519 --> 00:35:13,449
effects such as dehydration extreme

723
00:35:08,858 --> 00:35:15,369
tiredness and anxiety next let's talk

724
00:35:13,449 --> 00:35:17,439
about the popular juice cleanse diet

725
00:35:15,369 --> 00:35:20,289
which was the second most googled in

726
00:35:17,440 --> 00:35:22,210
2013 the idea is that you just drink

727
00:35:20,289 --> 00:35:24,489

fruit and vegetable juices for up to a

728

00:35:22,210 --> 00:35:26,679

week aiming to detox your body and

729

00:35:24,489 --> 00:35:29,079

kickstart weight loss it works out to

730

00:35:26,679 --> 00:35:31,029

about a thousand calories a day making

731

00:35:29,079 --> 00:35:32,799

it another starvation diet which

732

00:35:31,030 --> 00:35:35,710

accredited dieticians think are a

733

00:35:32,800 --> 00:35:37,810

terrible idea juice diets also claimed

734

00:35:35,710 --> 00:35:40,480

that liquefying your food helps you to

735

00:35:37,809 --> 00:35:43,090

absorb nutrients more easily giving your

736

00:35:40,480 --> 00:35:45,340

guts a rest there is absolutely no

737

00:35:43,090 --> 00:35:47,950

scientific evidence to back these claims

738

00:35:45,340 --> 00:35:49,900

in fact juicing eliminates valuable

739

00:35:47,949 --> 00:35:52,000

antioxidants from the fruit skin and

740

00:35:49,900 --> 00:35:55,300

removes fiber which is essential for

741

00:35:52,000 --> 00:35:57,659

good digestion and now for diet detox

742
00:35:55,300 --> 00:35:57,660
facts

743
00:35:57,690 --> 00:36:02,320
Australians are expected to spend six

744
00:36:00,219 --> 00:36:05,829
point six billion dollars on the weight

745
00:36:02,320 --> 00:36:08,380
loss industry in the 2013-2014 financial

746
00:36:05,829 --> 00:36:10,929
year there is no evidence that detox

747
00:36:08,380 --> 00:36:13,300
diets do anything our liver skin

748
00:36:10,929 --> 00:36:15,699
intestines and kidneys already feel to

749
00:36:13,300 --> 00:36:18,820
waste products effectively making it a

750
00:36:15,699 --> 00:36:20,679
bit of a sham a 2007 study found that

751
00:36:18,820 --> 00:36:22,660
nearly thirty percent of food ads

752
00:36:20,679 --> 00:36:24,989
carried health claims that weren't

753
00:36:22,659 --> 00:36:27,969
allowed under current food standards and

754
00:36:24,989 --> 00:36:30,549
beware almost anyone can claim they are

755
00:36:27,969 --> 00:36:33,069
a dietician or nutritionist in Australia

756
00:36:30,550 --> 00:36:35,440
as they're not legally protected titles

757
00:36:33,070 --> 00:36:37,600
if you want a University qualified

758
00:36:35,440 --> 00:36:41,800
professional look for an accredited

759
00:36:37,599 --> 00:36:44,139
practising dietitian that's it for this

760
00:36:41,800 --> 00:36:46,480
week in science for more information on

761
00:36:44,139 --> 00:36:50,859
diets and detox go to the our oils

762
00:36:46,480 --> 00:36:53,230
website RI aus org dot a you follow us

763
00:36:50,860 --> 00:36:54,940
on Twitter and like us on Facebook I'm

764
00:36:53,230 --> 00:36:57,329
cure and groom and we'll catch you next

765
00:36:54,940 --> 00:36:57,329
week

766
00:37:00,159 --> 00:37:06,019
are you tired waiting for the end of the

767
00:37:03,139 --> 00:37:08,539
world is the grain nano gue coming for

768
00:37:06,019 --> 00:37:10,460
you or are you just annoyed by those

769
00:37:08,539 --> 00:37:12,889
hordes of undead or the color of the

770

00:37:10,460 --> 00:37:15,820
moon or even swarms of assorted Bible

771
00:37:12,889 --> 00:37:19,190
insects could that silly movie 2012

772
00:37:15,820 --> 00:37:21,860
actually have any basis of reality or

773
00:37:19,190 --> 00:37:23,360
will the machine to rule us all for

774
00:37:21,860 --> 00:37:25,250
these questions are fine we can down

775
00:37:23,360 --> 00:37:27,559
more come to the New Zealand skeptics

776
00:37:25,250 --> 00:37:30,489
society 2015 annual conference

777
00:37:27,559 --> 00:37:32,989
Christchurch 20th 222nd November

778
00:37:30,489 --> 00:37:35,029
evidence shows that we even have a real

779
00:37:32,989 --> 00:37:37,039
scientist speaking on fantastic topics

780
00:37:35,030 --> 00:37:38,660
when the echoing hoofbeats of the four

781
00:37:37,039 --> 00:37:40,279
gender neutral equations of the

782
00:37:38,659 --> 00:37:43,250
apocalypse ring out across the world

783
00:37:40,280 --> 00:37:47,660
where will you be christchurch new

784
00:37:43,250 --> 00:37:49,760

zealand 22 22nd november apocalypse how

785

00:37:47,659 --> 00:37:51,529
after all with the go to place for

786

00:37:49,760 --> 00:37:54,980
natural disasters for further details

787

00:37:51,530 --> 00:37:56,510
visit conference skeptics dot nzd resume

788

00:37:54,980 --> 00:37:58,070
the skeptics society is a charitable

789

00:37:56,510 --> 00:38:00,080
organization that exists to promote

790

00:37:58,070 --> 00:38:03,230
critical thinking the devil is not real

791

00:38:00,079 --> 00:38:09,679
on Maynard com au it's time for Tim

792

00:38:03,230 --> 00:38:11,449
Ferguson's right of reply you know those

793

00:38:09,679 --> 00:38:14,629
people who are wearing the V for

794

00:38:11,449 --> 00:38:16,609
Vendetta masks anonymous anonymous they

795

00:38:14,630 --> 00:38:19,329
call themselves anonymous which really

796

00:38:16,610 --> 00:38:22,000
should be calling themselves

797

00:38:19,329 --> 00:38:25,119
but they had to actually put a label to

798

00:38:22,000 --> 00:38:27,670
it look anonymous people this is this is

799

00:38:25,119 --> 00:38:30,339

great good on you for carrying on like a

800

00:38:27,670 --> 00:38:32,559

pack of 14 year olds in your bedroom who

801

00:38:30,340 --> 00:38:34,990

are having a little tantrum about the

802

00:38:32,559 --> 00:38:38,739

things you don't like good on you for

803

00:38:34,989 --> 00:38:40,419

hacking good on you for downloading good

804

00:38:38,739 --> 00:38:43,000

on you for doing all the things that

805

00:38:40,420 --> 00:38:46,329

decent people regard as you know mildly

806

00:38:43,000 --> 00:38:48,550

annoying a naughty the fact is if you

807

00:38:46,329 --> 00:38:51,429

are going to stand up if you're going to

808

00:38:48,550 --> 00:38:53,650

protest put your own personal name on it

809

00:38:51,429 --> 00:38:55,359

otherwise shut up because nobody needs

810

00:38:53,650 --> 00:38:58,539

to worry about something called

811

00:38:55,360 --> 00:39:00,250

anonymous it's not like you're Isis

812

00:38:58,539 --> 00:39:03,420

walking around a whole bunch of black

813
00:39:00,250 --> 00:39:06,219
masks you're just a bunch of dweebs

814
00:39:03,420 --> 00:39:07,990
banding together hoping that wearing a

815
00:39:06,219 --> 00:39:10,839
beef vendetta mask is somehow

816
00:39:07,989 --> 00:39:13,059
threatening anybody a protester puts

817
00:39:10,840 --> 00:39:15,760
their name on it otherwise they'd go

818
00:39:13,059 --> 00:39:18,130
back inside and do their homework that's

819
00:39:15,760 --> 00:39:23,350
Tim Ferguson's write a reply letting you

820
00:39:18,130 --> 00:39:27,059
know what's what what for that said I

821
00:39:23,349 --> 00:39:30,989
think natalie portman's just wonderful

822
00:39:27,059 --> 00:39:30,989
don't expect too much

823
00:39:40,489 --> 00:39:46,259
thank you for listening to the skeptic

824
00:39:43,139 --> 00:39:50,009
zone this week and in the coming weeks

825
00:39:46,260 --> 00:39:53,789
it promises to be a veritable plethora

826
00:39:50,010 --> 00:39:55,829
of interviews a plethora of interviews a

827

00:39:53,789 --> 00:39:59,910
gaggle of interviews a group of

828
00:39:55,829 --> 00:40:01,079
collection a submission I'm sure you can

829
00:39:59,909 --> 00:40:04,018
come up with something better than that

830
00:40:01,079 --> 00:40:06,180
folks not only will we be chatting to

831
00:40:04,018 --> 00:40:09,689
people at skeptics in the pub when Susan

832
00:40:06,179 --> 00:40:11,548
Kovac comes to visit in a few days we'll

833
00:40:09,690 --> 00:40:14,250
be heading up to Brisbane in just two

834
00:40:11,548 --> 00:40:16,170
weeks time to be at the Australian

835
00:40:14,250 --> 00:40:17,699
skeptics National Convention and imagine

836
00:40:16,170 --> 00:40:19,108
all the wonderful interviews we're going

837
00:40:17,699 --> 00:40:20,730
to be getting there may not we'll be

838
00:40:19,108 --> 00:40:24,268
running around all this microphone Joe

839
00:40:20,730 --> 00:40:27,260
and Heidi as well it promises to be a

840
00:40:24,268 --> 00:40:30,179
fantastic weekend I hope you'll be there

841
00:40:27,260 --> 00:40:32,369

again just Google Australian skeptics

842

00:40:30,179 --> 00:40:34,469
convention in Brisbane and there'll be

843

00:40:32,369 --> 00:40:36,568
links on the show notes to get your

844

00:40:34,469 --> 00:40:38,848
ticket sir Eugenie Scott will be

845

00:40:36,568 --> 00:40:42,150
speaking Joe Nickell will be speaking

846

00:40:38,849 --> 00:40:44,460
and a host of interesting skeptics well

847

00:40:42,150 --> 00:40:48,200
I think Fred's woken up again are you

848

00:40:44,460 --> 00:40:48,199
Fred I'll get him folks I'll get him

849

00:40:51,949 --> 00:40:55,798
threads are sort of the cat that doesn't

850

00:40:53,909 --> 00:41:03,659
meow on cue but he might sniff the

851

00:40:55,798 --> 00:41:08,219
microphone yeah come here I'll put you

852

00:41:03,659 --> 00:41:10,018
down egg and the fury Fred the cat fans

853

00:41:08,219 --> 00:41:14,250
that was your Fred fix for this week he

854

00:41:10,018 --> 00:41:16,078
got a meal for his friend he's not that

855

00:41:14,250 --> 00:41:20,608
sort of cat he doesn't perform on demand

856
00:41:16,079 --> 00:41:23,099
oh no he's scratching the couch you know

857
00:41:20,608 --> 00:41:26,449
this is a friend in action and he's gone

858
00:41:23,099 --> 00:41:29,039
back to sleep alright so until next week

859
00:41:26,449 --> 00:41:30,358
you're right there front until next week

860
00:41:29,039 --> 00:41:32,460
thank you for listening this is Richard

861
00:41:30,358 --> 00:41:34,489
Saunders signing off from Sydney

862
00:41:32,460 --> 00:41:34,490
Australia

863
00:41:36,869 --> 00:41:43,029
you've been listening to the skeptics

864
00:41:39,280 --> 00:41:45,970
own podcast visit our website at wwc a

865
00:41:43,030 --> 00:41:49,390
petting zoo TV for contacts an archive

866
00:41:45,969 --> 00:41:52,089
of all episodes since 2008 and our

867
00:41:49,389 --> 00:41:54,000
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869
00:41:54,000 --> 00:42:00,820
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leaving a review on iTunes you can also

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paypal for as little as 99 cents a week

873
00:42:06,150 --> 00:42:10,570
the skeptic zone is an independent

874
00:42:08,949 --> 00:42:13,000
production the views and opinions

875
00:42:10,570 --> 00:42:15,070
expressed on the skeptic zone and not

876
00:42:13,000 --> 00:42:17,500
necessarily those of Australian skeptic

877
00:42:15,070 --> 00:42:20,309
Singh or any other skeptical

878
00:42:17,500 --> 00:42:20,309
organization