

Episode 719

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

17 July 2022



Vale
Jim Wilshire

Ross Blocher
from
Oh No, Ross and Carrie!

Australian Skeptics News
with Adrienne Hill

TROVE
looks at
Astrology

1
00:00:06,869 --> 00:00:04,950
the skeptic zone episode number 719

2
00:00:10,470 --> 00:00:06,879
is dedicated to the memory

3
00:00:12,709 --> 00:00:10,480
of jim wilshere our voice over man

4
00:00:15,350 --> 00:00:12,719
and my mentor

5
00:00:19,349 --> 00:00:15,360
welcome to the skeptic zone the podcast

6
00:00:20,950 --> 00:00:19,359
from australia for science and reason

7
00:00:24,390 --> 00:00:20,960
yes it's the skeptic zone podcast

8
00:00:25,750 --> 00:00:24,400
episode number 719 for the 17th of july

9
00:00:29,429 --> 00:00:25,760
2022

10
00:00:30,710 --> 00:00:29,439
and sad to say that my

11
00:00:33,270 --> 00:00:30,720
dear friend

12
00:00:35,670 --> 00:00:33,280
one of the greatest friends of my life

13
00:00:37,910 --> 00:00:35,680

friends for nearly 40 years jim wilshere

14

00:00:39,990 --> 00:00:37,920

who you hear every week on the skeptic

15

00:00:43,030 --> 00:00:40,000

zone announcing the show

16

00:00:46,709 --> 00:00:43,040

died within the last week

17

00:00:48,790 --> 00:00:46,719

now this news is rather new so

18

00:00:51,510 --> 00:00:48,800

i haven't prepared anything especially

19

00:00:53,270 --> 00:00:51,520

but i will probably in the weeks ahead

20

00:00:55,750 --> 00:00:53,280

maybe next week or week after i'll have

21

00:00:57,590 --> 00:00:55,760

a proper tribute to jim

22

00:00:59,270 --> 00:00:57,600

an enormously

23

00:01:00,069 --> 00:00:59,280

interesting man

24

00:01:02,150 --> 00:01:00,079

and

25

00:01:03,029 --> 00:01:02,160

he taught me just about everything i

26

00:01:05,750 --> 00:01:03,039

know

27

00:01:08,149 --> 00:01:05,760

about doing presenting and talking on

28

00:01:10,789 --> 00:01:08,159

microphones and

29

00:01:12,630 --> 00:01:10,799

that sort of thing so a very sad time

30

00:01:15,270 --> 00:01:12,640

here at the skeptic zone

31

00:01:19,030 --> 00:01:15,280

you can imagine

32

00:01:21,590 --> 00:01:19,040

condolences to his family his friends

33

00:01:24,950 --> 00:01:21,600

and his many fans out there in radio

34

00:01:28,789 --> 00:01:24,960

land as jim was a major radio star

35

00:01:31,190 --> 00:01:28,799

in the 1970s and 1980s

36

00:01:33,830 --> 00:01:31,200

and it was a personal thrill for me that

37

00:01:35,830 --> 00:01:33,840

jim agreed to be the announcer

38

00:01:38,630 --> 00:01:35,840

on the podcast when i came to do the

39

00:01:41,429 --> 00:01:38,640

skeptic zone so every week i'm reminded

40

00:01:42,789 --> 00:01:41,439

of my friendship with jim wilshere

41

00:01:44,950 --> 00:01:42,799

but now let's see what's coming up on

42

00:01:47,190 --> 00:01:44,960

the rest of today's episode

43

00:01:50,230 --> 00:01:47,200

i recorded an interview last week in

44

00:01:53,990 --> 00:01:50,240

salinas california with none other than

45

00:01:56,149 --> 00:01:54,000

ross blotcher from ono ross and carrie

46

00:01:58,069 --> 00:01:56,159

ross and carrie and i have been friends

47

00:01:59,429 --> 00:01:58,079

now for many years

48

00:02:01,510 --> 00:01:59,439

and i

49

00:02:03,590 --> 00:02:01,520

as i love to remind ross

50

00:02:04,709 --> 00:02:03,600

i was the first person to interview ross

51
00:02:06,870 --> 00:02:04,719
and gary

52
00:02:09,589 --> 00:02:06,880
just after they started their podcast a

53
00:02:11,830 --> 00:02:09,599
very popular podcast indeed oh no ross

54
00:02:13,830 --> 00:02:11,840
and kerry we catch up with

55
00:02:15,190 --> 00:02:13,840
ross in person

56
00:02:17,430 --> 00:02:15,200
following that it's the australian

57
00:02:20,309 --> 00:02:17,440
skeptic's newsletter read once again by

58
00:02:23,750 --> 00:02:20,319
adrian hill in canada what's caught the

59
00:02:25,750 --> 00:02:23,760
skeptical eye of tim mendem this week

60
00:02:27,589 --> 00:02:25,760
then to round off the show it's a dive

61
00:02:29,430 --> 00:02:27,599
into the trove the treasure trove of

62
00:02:30,790 --> 00:02:29,440
online newspapers

63
00:02:33,670 --> 00:02:30,800

and we're going to be looking at a

64

00:02:35,350 --> 00:02:33,680

series of articles regarding

65

00:02:38,150 --> 00:02:35,360

astrology

66

00:02:40,869 --> 00:02:38,160

ironic really or apt one or the other

67

00:02:42,070 --> 00:02:40,879

as in the last week we also had those

68

00:02:46,790 --> 00:02:42,080

stunning

69

00:02:49,270 --> 00:02:46,800

telescope about

70

00:02:51,589 --> 00:02:49,280

astronomy

71

00:02:53,509 --> 00:02:51,599

which really brings home the goods

72

00:02:54,550 --> 00:02:53,519

really delivers

73

00:02:56,550 --> 00:02:54,560

unlike

74

00:02:59,910 --> 00:02:56,560

astrology

75

00:03:03,509 --> 00:02:59,920

also in this episode you'll hear a

76
00:03:05,910 --> 00:03:03,519
a plug for the new documentary being put

77
00:03:09,270 --> 00:03:05,920
together by my friend brian dunning

78
00:03:13,509 --> 00:03:09,280
the ufo movie they don't want you to see

79
00:03:15,750 --> 00:03:13,519
and if you go to the ufo dot movie

80
00:03:17,509 --> 00:03:15,760
you can find out more about that but

81
00:03:19,910 --> 00:03:17,519
i'll be running a promotion in this

82
00:03:22,949 --> 00:03:19,920
week's episode i was quite pleased a

83
00:03:24,710 --> 00:03:22,959
couple of weeks ago to help brian film

84
00:03:27,670 --> 00:03:24,720
the uh

85
00:03:29,110 --> 00:03:27,680
the little uh teaser for that whole

86
00:03:30,789 --> 00:03:29,120
project

87
00:03:33,270 --> 00:03:30,799
well now it's time for me to run

88
00:03:34,949 --> 00:03:33,280

downstairs

89

00:03:37,350 --> 00:03:34,959

and

90

00:03:40,229 --> 00:03:37,360

to remember my friend jim i might see if

91

00:03:43,830 --> 00:03:40,239

i can rustle up some lamb cutlets

92

00:03:44,949 --> 00:03:43,840

he loved lamb cutlets he loved

93

00:03:48,869 --> 00:03:44,959

um

94

00:03:51,350 --> 00:03:48,879

the pie a lemon meringue pie

95

00:03:53,190 --> 00:03:51,360

and uh he loved life

96

00:03:55,910 --> 00:03:53,200

again a great loss anyway

97

00:04:09,910 --> 00:03:55,920

while i do that i hope you enjoy the

98

00:04:09,920 --> 00:04:21,749

[Music]

99

00:04:25,909 --> 00:04:23,510

but you can do the whole thing from an

100

00:04:28,070 --> 00:04:25,919

ipad like my friend richard saunders he

101

00:04:30,790 --> 00:04:28,080

does his whole podcast susan stop

102

00:04:32,469 --> 00:04:30,800

snoring over there skeptic zone

103

00:04:34,469 --> 00:04:32,479

which you can find i'm with ross

104

00:04:36,070 --> 00:04:34,479

blutcher we're discussing important

105

00:04:37,350 --> 00:04:36,080

things which susan gerbic does not

106

00:04:40,629 --> 00:04:37,360

understand

107

00:04:42,950 --> 00:04:40,639

like new recording devices now russ

108

00:04:45,990 --> 00:04:42,960

how long has uh owner ross and kerry

109

00:04:48,070 --> 00:04:46,000

been going now over 11 years

110

00:04:50,070 --> 00:04:48,080

yeah so i think it's graduated out of

111

00:04:52,550 --> 00:04:50,080

hobby into uh you know

112

00:04:55,749 --> 00:04:52,560

full-time side job how do you how do you

113

00:04:58,230 --> 00:04:55,759

manage to fit it all in time-wise yeah

114

00:05:00,790 --> 00:04:58,240

well i have i have a day job so it's

115

00:05:03,510 --> 00:05:00,800

essentially my night and weekend job

116

00:05:05,909 --> 00:05:03,520

but it's an investigations based podcast

117

00:05:07,270 --> 00:05:05,919

uh so we've always got multiple

118

00:05:08,710 --> 00:05:07,280

investigations going on in the

119

00:05:10,629 --> 00:05:08,720

background

120

00:05:12,070 --> 00:05:10,639

it's i mean i'm impressed every time i

121

00:05:13,430 --> 00:05:12,080

hear the show i'm thinking when do they

122

00:05:15,749 --> 00:05:13,440

sleep you know

123

00:05:16,629 --> 00:05:15,759

yeah when do i sleep kara my wife's over

124

00:05:19,110 --> 00:05:16,639

here and

125

00:05:21,909 --> 00:05:19,120

uh very little very little she says

126

00:05:24,469 --> 00:05:21,919

now i i i particularly like ross because

127

00:05:25,350 --> 00:05:24,479

he's admiring my new purchase there of a

128

00:05:27,270 --> 00:05:25,360

zoom

129

00:05:28,469 --> 00:05:27,280

device for recording susan doesn't

130

00:05:30,070 --> 00:05:28,479

understand it

131

00:05:32,230 --> 00:05:30,080

more snores from over there but you you

132

00:05:33,909 --> 00:05:32,240

appreciate 32-bit float don't you yeah

133

00:05:35,590 --> 00:05:33,919

we've been trying to convince susan of

134

00:05:37,430 --> 00:05:35,600

the importance of this but yeah

135

00:05:39,110 --> 00:05:37,440

essentially it's a lossless format you

136

00:05:41,189 --> 00:05:39,120

know you've got everything from the

137

00:05:44,150 --> 00:05:41,199

input and then later on you can go and

138

00:05:45,670 --> 00:05:44,160

do the uh resampling and pull the data

139

00:05:47,270 --> 00:05:45,680

that you need from it this is it's

140

00:05:50,550 --> 00:05:47,280

fantastic see

141

00:05:53,430 --> 00:05:50,560

see some respect at last

142

00:05:55,749 --> 00:05:53,440

yeah i didn't know about the zoom f3 but

143

00:05:59,189 --> 00:05:55,759

for for ono ross and carrie we use the

144

00:06:02,150 --> 00:05:59,199

zoom h6 and then we also have a zoom uh

145

00:06:04,070 --> 00:06:02,160

h4 in yes uh as a backup but yeah i want

146

00:06:06,469 --> 00:06:04,080

another smaller recorder just because

147

00:06:08,070 --> 00:06:06,479

sometimes you go to say a john edward uh

148

00:06:10,309 --> 00:06:08,080

performance and they tell you you know

149

00:06:11,830 --> 00:06:10,319

no recording devices and they want to

150

00:06:14,390 --> 00:06:11,840

check your phone in and everything it'd

151
00:06:16,309 --> 00:06:14,400
be nice to have a well i i use the zoom

152
00:06:18,309 --> 00:06:16,319
h6 primarily for the skeptic zone when

153
00:06:20,550 --> 00:06:18,319
i'm in my own studio and i hook up a

154
00:06:22,870 --> 00:06:20,560
rode nt-1a microphone to it and that's

155
00:06:26,309 --> 00:06:22,880
why i do most of my readings from yeah

156
00:06:28,309 --> 00:06:26,319
but with this one and sorry susan

157
00:06:30,070 --> 00:06:28,319
with this one it means if i do field

158
00:06:33,350 --> 00:06:30,080
interviews and i take a couple of xlr

159
00:06:35,830 --> 00:06:33,360
mics like the shore sm57s or something

160
00:06:37,749 --> 00:06:35,840
yeah plug them straight in no worrying

161
00:06:39,909 --> 00:06:37,759
about gain or anything yeah and

162
00:06:41,189 --> 00:06:39,919
everything's synchronized look how small

163
00:06:42,469 --> 00:06:41,199

that is it fits in

164

00:06:44,469 --> 00:06:42,479

palm of your hand you can get through

165

00:06:45,430 --> 00:06:44,479

the airport if australia will let you

166

00:06:48,390 --> 00:06:45,440

out

167

00:06:50,550 --> 00:06:48,400

here

168

00:06:52,629 --> 00:06:50,560

no wait uh this is uh apropos of nothing

169

00:06:54,870 --> 00:06:52,639

but i've just been curious can we see

170

00:06:57,110 --> 00:06:54,880

you in thor love and thunder

171

00:06:59,430 --> 00:06:57,120

well i s i spoke to somebody yesterday

172

00:07:01,589 --> 00:06:59,440

who went to see it and they said i for

173

00:07:03,830 --> 00:07:01,599

they forgot to look for me

174

00:07:05,510 --> 00:07:03,840

i will not forget to look for you i i'm

175

00:07:07,350 --> 00:07:05,520

really eager the the answer to the

176
00:07:08,070 --> 00:07:07,360
question is i don't know because i don't

177
00:07:10,309 --> 00:07:08,080
know

178
00:07:12,469 --> 00:07:10,319
if i'm still in it or i was cut out or

179
00:07:14,550 --> 00:07:12,479
if i'm in it and you blink and you miss

180
00:07:15,990 --> 00:07:14,560
it or i'm in it and you can clearly see

181
00:07:17,430 --> 00:07:16,000
me but if you don't know what i look

182
00:07:19,670 --> 00:07:17,440
like because i had a big full beard at

183
00:07:21,510 --> 00:07:19,680
the time oh that's good yeah yeah okay

184
00:07:23,350 --> 00:07:21,520
so i'll just have to let you know yeah i

185
00:07:25,189 --> 00:07:23,360
don't know i want it we're all dying to

186
00:07:28,710 --> 00:07:25,199
know everybody listening to this

187
00:07:33,110 --> 00:07:30,870
but let's get back to to your podcast

188
00:07:36,390 --> 00:07:33,120

yeah i mean enough about this

189

00:07:40,550 --> 00:07:36,400

oh isn't it beautiful susan look at that

190

00:07:46,710 --> 00:07:44,790

well you can't you can't get music

191

00:07:48,550 --> 00:07:46,720

you can't get them in australia yet

192

00:07:50,309 --> 00:07:48,560

that's why i bought it here yeah yeah

193

00:07:52,390 --> 00:07:50,319

yeah i've had the book did i get

194

00:07:54,869 --> 00:07:52,400

delivered to you to brian to brian okay

195

00:07:58,469 --> 00:07:54,879

brian brian appreciate this brian

196

00:08:01,510 --> 00:07:58,479

appreciated it well that's saying that

197

00:08:03,110 --> 00:08:01,520

ryan dunning was all excited about it

198

00:08:05,350 --> 00:08:03,120

anyway

199

00:08:07,270 --> 00:08:05,360

now here's something that you may not

200

00:08:09,029 --> 00:08:07,280

know susan that i was the very first

201
00:08:11,990 --> 00:08:09,039
person to interview ross and carrie

202
00:08:14,070 --> 00:08:12,000
about their podcast it's true yeah at

203
00:08:15,510 --> 00:08:14,080
the amazing meeting yeah that was

204
00:08:16,950 --> 00:08:15,520
fantastic there's some people i don't

205
00:08:19,029 --> 00:08:16,960
know they've got a podcast i'll

206
00:08:21,189 --> 00:08:19,039
interview them and we said we like this

207
00:08:23,749 --> 00:08:21,199
richard saunders guy

208
00:08:25,270 --> 00:08:23,759
yeah absolutely um yeah but you're a pod

209
00:08:26,710 --> 00:08:25,280
fellow podcaster you know the pressures

210
00:08:28,469 --> 00:08:26,720
of getting a show out on time and all

211
00:08:30,070 --> 00:08:28,479
the rest of it yeah i always have

212
00:08:32,070 --> 00:08:30,080
infinite respect for anybody who

213
00:08:33,990 --> 00:08:32,080

produces a podcast especially weekly

214

00:08:35,670 --> 00:08:34,000

because it's yeah it's a lot of work

215

00:08:37,350 --> 00:08:35,680

it's a lot of pressure it's a lot of

216

00:08:39,670 --> 00:08:37,360

angry emails you know if you say

217

00:08:41,909 --> 00:08:39,680

anything wrong so you know guys yeah

218

00:08:44,790 --> 00:08:41,919

you're always on the spot brian gets the

219

00:08:48,790 --> 00:08:47,110

uh but yeah i mean it's it's really fun

220

00:08:50,310 --> 00:08:48,800

because it allows me to do a lot of

221

00:08:52,470 --> 00:08:50,320

things that i would want to do but i

222

00:08:54,310 --> 00:08:52,480

never would otherwise because i want to

223

00:08:56,150 --> 00:08:54,320

have the excuse but drinking your own

224

00:08:57,990 --> 00:08:56,160

urine like drinking my own urine but

225

00:08:59,910 --> 00:08:58,000

also like flying off to kentucky for

226

00:09:02,150 --> 00:08:59,920

four days to visit the ark encounter in

227

00:09:04,949 --> 00:09:02,160

the creation museum for a homeschooling

228

00:09:06,310 --> 00:09:04,959

conference i just did that in early may

229

00:09:09,110 --> 00:09:06,320

and uh there's no way i could have

230

00:09:11,509 --> 00:09:09,120

justified that for listeners who may not

231

00:09:13,350 --> 00:09:11,519

be uh downloading owner ross and kerry

232

00:09:15,509 --> 00:09:13,360

what's what's what's the idea and what's

233

00:09:18,870 --> 00:09:15,519

kept it going for so many years yeah

234

00:09:20,630 --> 00:09:18,880

well first of all i pity you but

235

00:09:22,470 --> 00:09:20,640

it's not too late to get in on all the

236

00:09:24,310 --> 00:09:22,480

fun so yeah well we're all about

237

00:09:27,269 --> 00:09:24,320

investigating fringe religious groups

238

00:09:29,829 --> 00:09:27,279

alternative medical treatments uh

239

00:09:31,829 --> 00:09:29,839

science and spirituality and kind of

240

00:09:33,190 --> 00:09:31,839

the the borderlines of what science

241

00:09:35,350 --> 00:09:33,200

tells us about the world there's a lot

242

00:09:37,190 --> 00:09:35,360

of people making claims right on that

243

00:09:39,509 --> 00:09:37,200

edge or beyond it and we're interested

244

00:09:41,750 --> 00:09:39,519

in trying those things out firsthand and

245

00:09:44,150 --> 00:09:41,760

then we report back in excruciating

246

00:09:45,670 --> 00:09:44,160

detail so like we tell you everything

247

00:09:48,310 --> 00:09:45,680

like what happens when you show up at a

248

00:09:50,310 --> 00:09:48,320

conference or at a psychic and you know

249

00:09:52,389 --> 00:09:50,320

what they ask you for and what they say

250

00:09:54,310 --> 00:09:52,399

and how they respond to your questions

251

00:09:56,150 --> 00:09:54,320

um and and then we try to interject

252

00:09:57,990 --> 00:09:56,160

enough humor to help get you through all

253

00:09:59,910 --> 00:09:58,000

that excruciating but it's it's not just

254

00:10:02,310 --> 00:09:59,920

investigation you go through all the

255

00:10:04,550 --> 00:10:02,320

processes you you get initiated you do

256

00:10:07,030 --> 00:10:04,560

this you do the courses it's that's why

257

00:10:08,870 --> 00:10:07,040

i say when do you find time to sleep

258

00:10:10,790 --> 00:10:08,880

yeah and you know they give us books so

259

00:10:12,069 --> 00:10:10,800

we want to read the books and we want to

260

00:10:15,350 --> 00:10:12,079

learn everything we can about the

261

00:10:17,990 --> 00:10:15,360

founders and the discoverers um and so

262

00:10:20,630 --> 00:10:18,000

um yeah i think it's just that both of

263

00:10:23,509 --> 00:10:20,640

us uh carry poppy and myself uh just

264

00:10:25,190 --> 00:10:23,519

happen to be insatiably curious and and

265

00:10:27,190 --> 00:10:25,200

really excited when

266

00:10:29,670 --> 00:10:27,200

when people can say certain things to

267

00:10:31,269 --> 00:10:29,680

your face that just it's like an amazing

268

00:10:32,870 --> 00:10:31,279

i don't know human trick like how can

269

00:10:34,550 --> 00:10:32,880

you actually

270

00:10:36,310 --> 00:10:34,560

confidently look into someone's eyes and

271

00:10:38,870 --> 00:10:36,320

tell them that their dead mothers right

272

00:10:40,710 --> 00:10:38,880

next to them or something like that um

273

00:10:42,230 --> 00:10:40,720

and and that just endlessly fascinates

274

00:10:45,590 --> 00:10:42,240

us how do you get to that point that you

275

00:10:47,750 --> 00:10:45,600

can you know pedal this um you know 5g

276

00:10:49,590 --> 00:10:47,760

protector for your phone that we think

277

00:10:51,829 --> 00:10:49,600

you you know that doesn't do anything

278

00:10:54,230 --> 00:10:51,839

and you're selling that or do you know

279

00:10:56,630 --> 00:10:54,240

i don't know we're curious so i've heard

280

00:10:58,310 --> 00:10:56,640

of an episode i've been re listening to

281

00:11:01,990 --> 00:10:58,320

some of the older ones and there's great

282

00:11:03,990 --> 00:11:02,000

examples when kerry might be talking to

283

00:11:05,430 --> 00:11:04,000

somebody and

284

00:11:07,030 --> 00:11:05,440

somebody on the other end of the skype

285

00:11:09,110 --> 00:11:07,040

call or somebody says

286

00:11:10,150 --> 00:11:09,120

get you know the pennies start to drop

287

00:11:13,670 --> 00:11:10,160

and they say

288

00:11:15,670 --> 00:11:13,680

um i don't want you to use this

289

00:11:16,949 --> 00:11:15,680

and kerry says well it doesn't work that

290

00:11:18,389 --> 00:11:16,959

way

291

00:11:20,550 --> 00:11:18,399

yeah that's one of the all-time best

292

00:11:22,550 --> 00:11:20,560

carry lines that's not how that works

293

00:11:24,069 --> 00:11:22,560

um yeah carrie's been through journalism

294

00:11:26,470 --> 00:11:24,079

school she's got her master's and she

295

00:11:29,670 --> 00:11:26,480

knows what she's able to do and what not

296

00:11:32,389 --> 00:11:29,680

um and yeah uh some of her interviews

297

00:11:34,870 --> 00:11:32,399

with um oh goodness uh

298

00:11:37,190 --> 00:11:34,880

uh shocking these mystics and things

299

00:11:38,790 --> 00:11:37,200

yeah well shotgun tally siberia was one

300

00:11:40,630 --> 00:11:38,800

in particular probably the voice i was

301
00:11:43,190 --> 00:11:40,640
trying to imagine yeah which is funny

302
00:11:45,110 --> 00:11:43,200
because yeah i think so and uh she

303
00:11:47,750 --> 00:11:45,120
claims to be from siberia originally and

304
00:11:50,389 --> 00:11:47,760
now she's changed her name to madonna

305
00:11:52,870 --> 00:11:50,399
which is much harder to look up online

306
00:11:54,629 --> 00:11:52,880
and we think in in large part because

307
00:11:57,190 --> 00:11:54,639
she got so much scrutiny following our

308
00:11:59,350 --> 00:11:57,200
investigation that she sort of uh

309
00:12:01,750 --> 00:11:59,360
reformulated we even talked to two

310
00:12:04,790 --> 00:12:01,760
people who were uh fairly high up in her

311
00:12:06,389 --> 00:12:04,800
organization who had left and uh yes she

312
00:12:08,629 --> 00:12:06,399
changed her name and now she's still

313
00:12:10,389 --> 00:12:08,639

peddling the same wares that was one of

314

00:12:11,670 --> 00:12:10,399

my favorite episodes because i thought

315

00:12:13,190 --> 00:12:11,680

wow that really

316

00:12:15,590 --> 00:12:13,200

got her on the run here that was that

317

00:12:17,509 --> 00:12:15,600

was a fast that was about four years ago

318

00:12:19,509 --> 00:12:17,519

three years ago probably it's hard to

319

00:12:21,590 --> 00:12:19,519

remember it sounds about right yeah um

320

00:12:23,430 --> 00:12:21,600

but yeah also uh kimberly meredith is

321

00:12:25,350 --> 00:12:23,440

another one that kerry interviewed and

322

00:12:28,389 --> 00:12:25,360

uh came to the interview with a lot more

323

00:12:29,430 --> 00:12:28,399

preparation than kimberly ever thought

324

00:12:31,269 --> 00:12:29,440

would go

325

00:12:34,150 --> 00:12:31,279

that's the thing too we get contacted

326

00:12:36,389 --> 00:12:34,160

all the time as all podcasters do uh by

327

00:12:38,310 --> 00:12:36,399

various folks saying hey you want so and

328

00:12:40,150 --> 00:12:38,320

so on your show or i just wrote this

329

00:12:42,949 --> 00:12:40,160

book about angels and connecting with

330

00:12:44,230 --> 00:12:42,959

light beings in the fifth dimension and

331

00:12:45,430 --> 00:12:44,240

we will kind of chuckle like do you

332

00:12:47,670 --> 00:12:45,440

really want to be on our show you

333

00:12:50,230 --> 00:12:47,680

haven't listened to our show have you uh

334

00:12:52,230 --> 00:12:50,240

and uh sometimes sometimes we'll sort of

335

00:12:54,069 --> 00:12:52,240

take that bait and say like oh yeah go

336

00:12:55,990 --> 00:12:54,079

go give by all means come on the show

337

00:12:57,910 --> 00:12:56,000

probably get the same emails i get from

338

00:13:00,470 --> 00:12:57,920

people who are out to uh

339

00:13:02,310 --> 00:13:00,480

publicists yes would you like to have

340

00:13:03,430 --> 00:13:02,320

this doctor quack and quack on your show

341

00:13:05,430 --> 00:13:03,440

he's the vet

342

00:13:07,269 --> 00:13:05,440

i wrote three times a day yeah right

343

00:13:09,269 --> 00:13:07,279

back saying

344

00:13:11,269 --> 00:13:09,279

you do realize what the skeptic zone is

345

00:13:13,030 --> 00:13:11,279

all about you know yeah usually i'll say

346

00:13:14,710 --> 00:13:13,040

i don't see this as a match we'll let

347

00:13:16,310 --> 00:13:14,720

you know if we're interested but usually

348

00:13:18,710 --> 00:13:16,320

we want to tie those interviews to an

349

00:13:20,470 --> 00:13:18,720

investigation so sometimes we'll say

350

00:13:22,389 --> 00:13:20,480

okay maybe we'll look into your magic

351
00:13:23,910 --> 00:13:22,399
soap you know and then we'll contact you

352
00:13:25,110 --> 00:13:23,920
uh later

353
00:13:26,150 --> 00:13:25,120
um but

354
00:13:27,990 --> 00:13:26,160
um

355
00:13:30,069 --> 00:13:28,000
yeah other

356
00:13:32,069 --> 00:13:30,079
usually we'll just kind of say not

357
00:13:33,590 --> 00:13:32,079
interested not quite compatible with the

358
00:13:36,230 --> 00:13:33,600
format of our show but the other day

359
00:13:38,470 --> 00:13:36,240
someone sent me um their it was the

360
00:13:40,150 --> 00:13:38,480
publicist and they were saying um you

361
00:13:41,670 --> 00:13:40,160
know this this guy has written all this

362
00:13:43,990 --> 00:13:41,680
great material and has this device that

363
00:13:45,430 --> 00:13:44,000

can protect you from 5g and imbalances

364

00:13:47,590 --> 00:13:45,440

of electro

365

00:13:49,189 --> 00:13:47,600

magnetic fields and so i wrote back and

366

00:13:51,509 --> 00:13:49,199

said he might benefit from listening to

367

00:13:53,430 --> 00:13:51,519

our podcast and i gave two links to

368

00:13:54,310 --> 00:13:53,440

recent episodes we had done specifically

369

00:13:56,790 --> 00:13:54,320

about

370

00:13:58,870 --> 00:13:56,800

5g protests yeah where we'd sort of

371

00:14:00,310 --> 00:13:58,880

broken down why why none of that is a

372

00:14:03,590 --> 00:14:00,320

real concern you know

373

00:14:05,590 --> 00:14:03,600

non-ionizing radiation you know um but

374

00:14:07,269 --> 00:14:05,600

he's probably heard that before and he's

375

00:14:09,269 --> 00:14:07,279

just kind of found a business and the

376

00:14:12,069 --> 00:14:09,279

publicist is just doing their job

377

00:14:13,670 --> 00:14:12,079

ultimately they don't particularly care

378

00:14:15,750 --> 00:14:13,680

what the point of view is their job is

379

00:14:16,470 --> 00:14:15,760

to get the person out there on podcasts

380

00:14:18,069 --> 00:14:16,480

and

381

00:14:19,990 --> 00:14:18,079

newspapers if you don't reply to them

382

00:14:21,670 --> 00:14:20,000

for three days they ping you again and

383

00:14:24,069 --> 00:14:21,680

then again and so eventually i'm saying

384

00:14:25,750 --> 00:14:24,079

sorry not a match i appreciate your

385

00:14:27,750 --> 00:14:25,760

interest uh but

386

00:14:29,990 --> 00:14:27,760

probably not the right match because you

387

00:14:31,269 --> 00:14:30,000

could do a whole show just entirely that

388

00:14:33,110 --> 00:14:31,279

but i don't think it would be as

389

00:14:35,030 --> 00:14:33,120

interesting of a show there's an angle

390

00:14:36,949 --> 00:14:35,040

there but uh so what's coming up in the

391

00:14:39,350 --> 00:14:36,959

near future listeners might look forward

392

00:14:42,150 --> 00:14:39,360

to anything you can let us in on yeah

393

00:14:45,509 --> 00:14:42,160

well as we speak um i'm halfway through

394

00:14:47,750 --> 00:14:45,519

my edit of our john edward investigation

395

00:14:50,150 --> 00:14:47,760

i went to yeah and i'm finding not

396

00:14:51,990 --> 00:14:50,160

everybody knows who this is anymore uh

397

00:14:54,629 --> 00:14:52,000

but that's that's the yuri yellow that's

398

00:14:56,310 --> 00:14:54,639

the urigela thing right because when i

399

00:14:57,910 --> 00:14:56,320

give demonstrations of spoon bending

400

00:15:00,310 --> 00:14:57,920

especially to the younger set they've

401
00:15:02,150 --> 00:15:00,320
got a clue who yuri gallery is and and

402
00:15:05,110 --> 00:15:02,160
that's why it's good for us to all stay

403
00:15:09,910 --> 00:15:05,120
current and be investigating the um you

404
00:15:15,509 --> 00:15:12,550
wait uh now i'm i'm putting them

405
00:15:16,870 --> 00:15:15,519
together yeah the tyler henry and thomas

406
00:15:19,670 --> 00:15:16,880
john

407
00:15:21,750 --> 00:15:19,680
or put them together oh really um you

408
00:15:23,269 --> 00:15:21,760
know that's why you're the cindy kaisers

409
00:15:24,870 --> 00:15:23,279
of the world so john edward is now

410
00:15:27,750 --> 00:15:24,880
becoming something of the character from

411
00:15:31,189 --> 00:15:27,760
the past a bit of irrelevance you know

412
00:15:33,430 --> 00:15:31,199
just in conversations with people uh you

413
00:15:37,350 --> 00:15:33,440

know i don't think john q public tends

414

00:15:41,749 --> 00:15:39,670

well john edward for

415

00:15:43,269 --> 00:15:41,759

decades has been making two trips to

416

00:15:46,069 --> 00:15:43,279

australia one in the middle of the year

417

00:15:49,030 --> 00:15:46,079

to publicize his tour in at the end of

418

00:15:50,710 --> 00:15:49,040

the year and every time every six months

419

00:15:53,189 --> 00:15:50,720

what happens he gets straight onto the

420

00:15:54,870 --> 00:15:53,199

chat shows and the radio shows and he's

421

00:15:55,910 --> 00:15:54,880

been the darling of the australian media

422

00:15:58,550 --> 00:15:55,920

for years

423

00:16:00,870 --> 00:15:58,560

amazing we did the protests in pasadena

424

00:16:01,829 --> 00:16:00,880

no no no i don't think so

425

00:16:03,590 --> 00:16:01,839

no

426

00:16:06,470 --> 00:16:03,600

oh wait a second uh well i remember you

427

00:16:09,110 --> 00:16:06,480

were protesting the james von prague i

428

00:16:10,870 --> 00:16:09,120

know paula was there with emery uh when

429

00:16:12,870 --> 00:16:10,880

i was going to his psychic kids

430

00:16:14,150 --> 00:16:12,880

investigation oh pasadena okay no i

431

00:16:15,350 --> 00:16:14,160

wasn't there

432

00:16:17,030 --> 00:16:15,360

no

433

00:16:20,150 --> 00:16:17,040

i wasn't there for that one

434

00:16:22,150 --> 00:16:20,160

he had the aclu rules

435

00:16:24,150 --> 00:16:22,160

and the police had to back off because

436

00:16:25,910 --> 00:16:24,160

he was like this is public property oh

437

00:16:27,749 --> 00:16:25,920

wow and that and the

438

00:16:29,749 --> 00:16:27,759

john edwards manager came out they've

439

00:16:31,509 --> 00:16:29,759

got to go they've got to go and emery

440

00:16:33,110 --> 00:16:31,519

was of course like emerald we don't have

441

00:16:35,829 --> 00:16:33,120

to go emery's good at standing his

442

00:16:37,910 --> 00:16:35,839

ground he did he stood his ground police

443

00:16:41,430 --> 00:16:37,920

left well um

444

00:16:43,430 --> 00:16:41,440

so the so the recent um uh john edward

445

00:16:46,069 --> 00:16:43,440

presentation was in burbank he came to

446

00:16:48,389 --> 00:16:46,079

my hometown or not hometown but where i

447

00:16:50,230 --> 00:16:48,399

live yeah yeah and so i bought a vip

448

00:16:52,470 --> 00:16:50,240

ticket and i went and they you know very

449

00:16:54,069 --> 00:16:52,480

thoroughly said you shall not record but

450

00:16:56,790 --> 00:16:54,079

you can take notes so

451

00:16:58,629 --> 00:16:56,800

um yeah i uh so i went i took copious

452

00:17:01,030 --> 00:16:58,639

notes and now i'm breaking down his

453

00:17:03,110 --> 00:17:01,040

performance uh but also i'm really

454

00:17:04,309 --> 00:17:03,120

excited about this one i

455

00:17:05,909 --> 00:17:04,319

mentioned this earlier i went to

456

00:17:08,549 --> 00:17:05,919

kentucky for a

457

00:17:12,630 --> 00:17:08,559

uh homeschooling conference at the ark

458

00:17:15,510 --> 00:17:12,640

the recreation of the life-size arc

459

00:17:17,270 --> 00:17:15,520

and even ended up getting a tour of the

460

00:17:19,750 --> 00:17:17,280

ark from the guy who'd been responsible

461

00:17:21,990 --> 00:17:19,760

for all the signage and the final like

462

00:17:23,270 --> 00:17:22,000

you know writing on all the exhibits so

463

00:17:25,189 --> 00:17:23,280

i can't wait it's going to be a

464

00:17:27,189 --> 00:17:25,199

multi-part investigation because i got

465

00:17:28,630 --> 00:17:27,199

to break down every single display

466

00:17:30,310 --> 00:17:28,640

within the arc there's more to

467

00:17:31,510 --> 00:17:30,320

podcasting than just sitting in front of

468

00:17:34,070 --> 00:17:31,520

a microphone

469

00:17:36,230 --> 00:17:34,080

that's right yeah um so that's fine i

470

00:17:38,789 --> 00:17:36,240

and there's no way i could have taken

471

00:17:40,470 --> 00:17:38,799

multiple days off of work uh my regular

472

00:17:42,549 --> 00:17:40,480

day job to do that unless i had the

473

00:17:45,029 --> 00:17:42,559

podcast as an excuse things to look

474

00:17:47,110 --> 00:17:45,039

forward to folks what a pleasure it is

475

00:17:49,430 --> 00:17:47,120

rush to meet you again i mean we meet

476

00:17:51,669 --> 00:17:49,440

each other what once every five years on

477

00:17:53,110 --> 00:17:51,679

average something crazy like that just

478

00:17:54,630 --> 00:17:53,120

long enough that it's meeting for the

479

00:17:56,630 --> 00:17:54,640

first time

480

00:17:57,669 --> 00:17:56,640

yeah always great to see you richard

481

00:18:00,930 --> 00:17:57,679

thank you always great to see you too

482

00:18:13,590 --> 00:18:00,940

thank you very much

483

00:18:15,750 --> 00:18:13,600

[Music]

484

00:18:18,150 --> 00:18:15,760

carrie is it oh yes hi i'm carrie i am

485

00:18:21,029 --> 00:18:18,160

psychic ross and i will be reading you

486

00:18:23,190 --> 00:18:21,039

this evening oh interesting well okay i

487

00:18:24,870 --> 00:18:23,200

co-host a podcast it's called ona ross

488

00:18:27,430 --> 00:18:24,880

and kerry yes i'm sensing that the

489

00:18:29,029 --> 00:18:27,440

spirits are telling me it is a show

490

00:18:31,430 --> 00:18:29,039

about well it's about like fringe

491

00:18:33,909 --> 00:18:31,440

science and spirituality and claims of

492

00:18:35,990 --> 00:18:33,919

the paranormal oh you knew that you do

493

00:18:39,110 --> 00:18:36,000

research online but more importantly

494

00:18:41,430 --> 00:18:39,120

like we do in-person investigations

495

00:18:43,110 --> 00:18:41,440

as well oh my god that's amazing you see

496

00:18:45,430 --> 00:18:43,120

me and my friend this is so weird my

497

00:18:47,110 --> 00:18:45,440

friend ross same name as you weird he

498

00:18:48,310 --> 00:18:47,120

and i just go and try them all out and

499

00:18:50,070 --> 00:18:48,320

actually we've gone to a number of

500

00:18:52,390 --> 00:18:50,080

psychics and to be honest with you it's

501

00:18:54,470 --> 00:18:52,400

a lot like this it's called ona ross and

502

00:18:59,070 --> 00:18:54,480

kerry they can find it at maximumfun.org

503

00:19:16,870 --> 00:19:14,390

[Music]

504

00:19:18,630 --> 00:19:16,880

hello everyone this is adrian hill from

505

00:19:21,190 --> 00:19:18,640

canada here to read the highlights from

506

00:19:24,150 --> 00:19:21,200

the australian skeptics newsletter this

507

00:19:26,150 --> 00:19:24,160

is newsletter number 152.

508

00:19:28,310 --> 00:19:26,160

you can subscribe to this newsletter and

509

00:19:30,549 --> 00:19:28,320

get it delivered to your inbox every

510

00:19:31,909 --> 00:19:30,559

other week complete with links to all

511

00:19:37,350 --> 00:19:31,919

the stories

512

00:19:41,440 --> 00:19:39,990

but now let's see what tim endum has for

513

00:19:42,950 --> 00:19:41,450

us this week

514

00:19:45,350 --> 00:19:42,960

[Music]

515

00:19:48,070 --> 00:19:45,360

hi all says tim

516

00:19:50,870 --> 00:19:48,080

new financial year in australia same old

517

00:19:53,110 --> 00:19:50,880

conspiracies and weirdness

518

00:19:55,590 --> 00:19:53,120

but at least there are indications of

519

00:19:58,230 --> 00:19:55,600

growing distrust of and disenchantment

520

00:20:01,510 --> 00:19:58,240

with the supernatural with the latest

521

00:20:03,909 --> 00:20:01,520

census showing that no religion overtook

522

00:20:06,070 --> 00:20:03,919

followers of the various sects

523

00:20:08,149 --> 00:20:06,080

and you really can't lump all christian

524

00:20:10,310 --> 00:20:08,159

sex into one group

525

00:20:12,230 --> 00:20:10,320

and that's just those willing or aware

526
00:20:14,630 --> 00:20:12,240
enough to say so

527
00:20:17,669 --> 00:20:14,640
who knows maybe that rationality will be

528
00:20:21,350 --> 00:20:17,679
applied more broadly in the future

529
00:20:22,870 --> 00:20:21,360
we are certainly doing our bit to help

530
00:20:25,300 --> 00:20:22,880
read on

531
00:20:29,750 --> 00:20:25,310
okay tim we'll do just that

532
00:20:34,710 --> 00:20:29,760
[Music]

533
00:20:37,350 --> 00:20:34,720
skepticon 2022 november 26 through 27th

534
00:20:39,830 --> 00:20:37,360
the 2022 annual australian skeptics

535
00:20:41,990 --> 00:20:39,840
national convention or skepticon for

536
00:20:44,390 --> 00:20:42,000
2022 will be held at the national

537
00:20:47,510 --> 00:20:44,400
library in canberra on the weekend of

538
00:20:49,029 --> 00:20:47,520

november 26 through 27th there will also

539

00:20:51,270 --> 00:20:49,039

be streaming of sessions for those

540

00:20:53,909 --> 00:20:51,280

unable to attend and social events

541

00:20:56,070 --> 00:20:53,919

beforehand and during the convention

542

00:20:56,970 --> 00:20:56,080

further details and ticket sales will be

543

00:20:58,789 --> 00:20:56,980

available soon

544

00:21:01,750 --> 00:20:58,799

[Music]

545

00:21:03,830 --> 00:21:01,760

wakefield's latest movie global

546

00:21:06,070 --> 00:21:03,840

sterilization

547

00:21:08,630 --> 00:21:06,080

oh wow

548

00:21:11,190 --> 00:21:08,640

disgraced former doctor anti-vaxxer and

549

00:21:14,789 --> 00:21:11,200

conspiracy theorist andrew wakefield has

550

00:21:16,870 --> 00:21:14,799

produced a new film titled infertility a

551
00:21:19,750 --> 00:21:16,880
diabolical agenda

552
00:21:22,430 --> 00:21:19,760
which quote details the world health

553
00:21:25,029 --> 00:21:22,440
organization's intentions to produce an

554
00:21:27,430 --> 00:21:25,039
anti-fertility vaccine in response to

555
00:21:30,149 --> 00:21:27,440
perceived overpopulation

556
00:21:32,149 --> 00:21:30,159
and how such vaccines have been used

557
00:21:34,070 --> 00:21:32,159
without people's knowledge or consent

558
00:21:35,990 --> 00:21:34,080
since the mid-90s

559
00:21:38,390 --> 00:21:36,000
the film clearly illustrates the

560
00:21:40,950 --> 00:21:38,400
depopulation agenda is not a conspiracy

561
00:21:44,149 --> 00:21:40,960
theory it's reality and it's happening

562
00:21:46,549 --> 00:21:44,159
worldwide the hpv vaccine and the covet

563
00:21:49,110 --> 00:21:46,559

shots also have adverse impacts on

564

00:21:50,470 --> 00:21:49,120

fertility that are being ignored end

565

00:21:52,149 --> 00:21:50,480

quote

566

00:21:55,669 --> 00:21:52,159

wakefield previously produced the

567

00:21:58,710 --> 00:21:55,679

anti-vaccination film vaxxed rabbit hole

568

00:22:00,710 --> 00:21:58,720

here we come

569

00:22:03,590 --> 00:22:00,720

how flat earthers help conspiracy

570

00:22:07,669 --> 00:22:05,669

apparently as many as 11 percent of

571

00:22:08,710 --> 00:22:07,679

americans believe the earth might be

572

00:22:10,630 --> 00:22:08,720

flat

573

00:22:13,110 --> 00:22:10,640

the movement is using different methods

574

00:22:15,750 --> 00:22:13,120

to persuade people overall suggesting

575

00:22:16,549 --> 00:22:15,760

that free thinkers distrust experts who

576

00:22:20,549 --> 00:22:16,559

use

577

00:22:23,110 --> 00:22:20,559

book knowledge or nonsense math that lay

578

00:22:25,029 --> 00:22:23,120

people cannot replicate

579

00:22:26,789 --> 00:22:25,039

flat earthers often use personal

580

00:22:28,789 --> 00:22:26,799

observations to test whether the earth

581

00:22:31,270 --> 00:22:28,799

is round especially through homemade

582

00:22:33,669 --> 00:22:31,280

experiments they see themselves as the

583

00:22:36,400 --> 00:22:33,679

visionaries and scientists of yesteryear

584

00:22:40,149 --> 00:22:36,410

like a modern-day galileo

585

00:22:43,029 --> 00:22:40,159

[Music]

586

00:22:45,029 --> 00:22:43,039

psychic spies celebrate 50 years of

587

00:22:48,950 --> 00:22:45,039

remote viewing

588

00:22:50,789 --> 00:22:48,960

calling them spies is a bit over the top

589

00:22:52,830 --> 00:22:50,799

but the international remote viewing

590

00:22:56,230 --> 00:22:52,840

association or

591

00:22:59,190 --> 00:22:56,240

irva is inviting the public to celebrate

592

00:23:00,630 --> 00:22:59,200

the 50th anniversary of remote viewing

593

00:23:03,190 --> 00:23:00,640

that should be

594

00:23:04,789 --> 00:23:03,200

quote attempts at remote viewing end

595

00:23:07,750 --> 00:23:04,799

quote to the

596

00:23:10,310 --> 00:23:07,760

visions for the future all-inclusive

597

00:23:14,950 --> 00:23:10,320

conference in menlo park california from

598

00:23:17,110 --> 00:23:14,960

july 22nd to july 24th 2022

599

00:23:18,950 --> 00:23:17,120

menlo park is where the headquarters of

600

00:23:21,270 --> 00:23:18,960

the stanford research institute is

601
00:23:23,350 --> 00:23:21,280
located and the place where a lot of the

602
00:23:25,990 --> 00:23:23,360
rv tests were done

603
00:23:27,350 --> 00:23:26,000
speakers include howard put off and

604
00:23:30,870 --> 00:23:27,360
russell targ

605
00:23:34,230 --> 00:23:30,880
they coined the term remote viewing

606
00:23:35,990 --> 00:23:34,240
but hurry as bookings closed july 16th

607
00:23:38,470 --> 00:23:36,000
most of the accommodation included

608
00:23:40,630 --> 00:23:38,480
packages are sold out so you may have to

609
00:23:43,430 --> 00:23:40,640
revert to live streaming

610
00:23:48,630 --> 00:23:43,440
which will set you back 100 us dollars

611
00:23:55,110 --> 00:23:52,789
is sleep paralysis paranormal

612
00:23:57,990 --> 00:23:55,120
this is an article that asks if sleep

613
00:23:59,920 --> 00:23:58,000

paralysis is a sleep disorder or a

614

00:24:01,110 --> 00:23:59,930

paranormal phenomenon

615

00:24:02,870 --> 00:24:01,120

[Music]

616

00:24:05,750 --> 00:24:02,880

it then goes on to quote several people

617

00:24:07,990 --> 00:24:05,760

whose experiences are classes paranormal

618

00:24:10,070 --> 00:24:08,000

though it promises quote for any

619

00:24:12,549 --> 00:24:10,080

skeptical readers out there

620

00:24:15,510 --> 00:24:12,559

don't worry we will provide a scientific

621

00:24:18,390 --> 00:24:15,520

explanation as well end quote

622

00:24:20,710 --> 00:24:18,400

well not much one paragraph among many

623

00:24:21,370 --> 00:24:20,720

is not exactly going overboard with

624

00:24:23,669 --> 00:24:21,380

science

625

00:24:26,630 --> 00:24:23,679

[Music]

626
00:24:29,909 --> 00:24:26,640
my middle son i believe experienced this

627
00:24:35,430 --> 00:24:29,919
and he actually thought for a long time

628
00:24:39,750 --> 00:24:38,230
he was convinced it was a paranormal

629
00:24:42,149 --> 00:24:39,760
experience

630
00:24:44,870 --> 00:24:42,159
or at least an alien one

631
00:24:47,190 --> 00:24:44,880
carl sagan warning on lack of skeptical

632
00:24:49,830 --> 00:24:47,200
thinking

633
00:24:52,310 --> 00:24:49,840
shortly before his death in 1996

634
00:24:54,390 --> 00:24:52,320
astronomer and skeptic carl sagan

635
00:24:56,870 --> 00:24:54,400
appeared on the tv talk show charlie

636
00:24:59,350 --> 00:24:56,880
rose and made a dire warning about how

637
00:25:01,110 --> 00:24:59,360
the average american's lack of skeptical

638
00:25:03,590 --> 00:25:01,120

scientific thinking could lead to

639

00:25:06,149 --> 00:25:03,600

disastrous consequences

640

00:25:08,149 --> 00:25:06,159

nowadays that equates to anti-vaxxers

641

00:25:09,750 --> 00:25:08,159

conspiracy theories and climate change

642

00:25:12,390 --> 00:25:09,760

deniers

643

00:25:14,230 --> 00:25:12,400

in a society quote in which nobody

644

00:25:16,789 --> 00:25:14,240

understands anything about science and

645

00:25:19,110 --> 00:25:16,799

technology this combustible mixture of

646

00:25:21,350 --> 00:25:19,120

ignorance and power sooner or later is

647

00:25:23,029 --> 00:25:21,360

going to blow up in our faces end quote

648

00:25:25,510 --> 00:25:23,039

he told rose

649

00:25:27,590 --> 00:25:25,520

quote i mean who is running the science

650

00:25:29,909 --> 00:25:27,600

and technology in a democracy if the

651
00:25:31,430 --> 00:25:29,919
people don't know anything about it end

652
00:25:33,510 --> 00:25:31,440
quote

653
00:25:35,430 --> 00:25:33,520
he warned that our lack of critical

654
00:25:38,149 --> 00:25:35,440
thinking leaves us vulnerable to those

655
00:25:41,110 --> 00:25:38,159
who wish to exploit our ignorance

656
00:25:42,390 --> 00:25:41,120
a moving short and prescient video from

657
00:25:46,710 --> 00:25:42,400
a leading skeptic

658
00:25:51,430 --> 00:25:49,350
the june issue of the skeptic magazine

659
00:25:53,990 --> 00:25:51,440
is now out with a special feature on

660
00:25:56,230 --> 00:25:54,000
pseudoscience riding on the coattails of

661
00:25:59,190 --> 00:25:56,240
genuine science and if you haven't

662
00:26:01,110 --> 00:25:59,200
subscribed yet now is the time to do so

663
00:26:03,190 --> 00:26:01,120

contact the editor if you're not sure if

664

00:26:05,029 --> 00:26:03,200

your existing subscription needs

665

00:26:07,430 --> 00:26:05,039

renewing

666

00:26:09,669 --> 00:26:07,440

to subscribe to the skeptic go to our

667

00:26:12,789 --> 00:26:09,679

shop to sign up for a hard copy or

668

00:26:14,710 --> 00:26:12,799

digital edition or both the digital is

669

00:26:17,510 --> 00:26:14,720

offered free to those who take up the

670

00:26:19,510 --> 00:26:17,520

hard copy version

671

00:26:21,430 --> 00:26:19,520

learn more about our magazine and

672

00:26:23,350 --> 00:26:21,440

subscribe now

673

00:26:24,870 --> 00:26:23,360

if you have any ideas for stories or

674

00:26:26,950 --> 00:26:24,880

want to contribute to skeptics

675

00:26:29,430 --> 00:26:26,960

communications such as the magazine or

676

00:26:31,350 --> 00:26:29,440

facebook page or just have something you

677

00:26:33,269 --> 00:26:31,360

want to get off your chest then you're

678

00:26:37,350 --> 00:26:33,279

welcome to get in touch

679

00:26:37,830 --> 00:26:37,360

news leads should be sent to news tips

680

00:26:39,909 --> 00:26:37,840

dot at

681

00:26:43,870 --> 00:26:39,919

u

682

00:26:45,240 --> 00:26:43,880

go to editor at

683

00:26:46,470 --> 00:26:45,250

skeptics.com.a u

684

00:26:48,950 --> 00:26:46,480

[Music]

685

00:26:53,170 --> 00:26:48,960

comments and suggestions should also go

686

00:26:57,830 --> 00:26:55,029

[Music]

687

00:26:59,830 --> 00:26:57,840

items of interest

688

00:27:01,909 --> 00:26:59,840

boris johnson's future

689

00:27:03,430 --> 00:27:01,919

the experts speak

690

00:27:04,390 --> 00:27:03,440

or grunt

691

00:27:07,090 --> 00:27:04,400

bark

692

00:27:09,269 --> 00:27:07,100

or throw things into the air

693

00:27:12,470 --> 00:27:09,279

[Music]

694

00:27:15,110 --> 00:27:12,480

a scott's tv presenter used a psychic

695

00:27:18,149 --> 00:27:15,120

pig i guess that's the grunting part

696

00:27:21,190 --> 00:27:18,159

named mystic marcus who wandered to a

697

00:27:23,430 --> 00:27:21,200

sign that said go just minutes before

698

00:27:25,850 --> 00:27:23,440

johnson announced his resignation as

699

00:27:27,110 --> 00:27:25,860

party leader well there you go

700

00:27:29,830 --> 00:27:27,120

[Music]

701
00:27:32,789 --> 00:27:29,840
meanwhile a psychic seal which backed

702
00:27:34,950 --> 00:27:32,799
england to do well at euro 2020 just so

703
00:27:37,590 --> 00:27:34,960
you know they lost the final

704
00:27:40,230 --> 00:27:37,600
gave his seal of approval to ben wallace

705
00:27:43,430 --> 00:27:40,240
defense secretary and apparently popular

706
00:27:46,070 --> 00:27:43,440
with the tory cohort but that was out of

707
00:27:49,430 --> 00:27:46,080
a choice of just two

708
00:27:51,110 --> 00:27:49,440
and more meanwhile a fortune teller

709
00:27:53,990 --> 00:27:51,120
mystic veg

710
00:27:56,950 --> 00:27:54,000
who predicts the future using asparagus

711
00:27:59,430 --> 00:27:56,960
of course has also revealed the uk's

712
00:28:00,830 --> 00:27:59,440
next prime minister will be wallace

713
00:28:05,190 --> 00:28:00,840

there's no doubt

714

00:28:07,269 --> 00:28:05,200

then a seal and asparagus if they agree

715

00:28:09,430 --> 00:28:07,279

well that's all for this week until next

716

00:28:12,389 --> 00:28:09,440

time this is adrian hill signing off

717

00:28:14,860 --> 00:28:12,399

from the land of the okanagan ogopogo

718

00:28:25,269 --> 00:28:14,870

snow snakes and the sasquatch

719

00:28:27,190 --> 00:28:25,279

[Music]

720

00:28:29,990 --> 00:28:27,200

hey everyone this is brian dunning

721

00:28:32,389 --> 00:28:30,000

executive producer of science friction

722

00:28:34,070 --> 00:28:32,399

now on streaming services i wanted to

723

00:28:36,870 --> 00:28:34,080

let you know about my next feature

724

00:28:39,830 --> 00:28:36,880

documentary film it's called the ufo

725

00:28:41,590 --> 00:28:39,840

movie they don't want you to see

726

00:28:44,789 --> 00:28:41,600

and it's a science-based look at this

727

00:28:47,510 --> 00:28:44,799

whole modern ufo phenomenon what don't

728

00:28:49,909 --> 00:28:47,520

we know what do we know and how do we

729

00:28:53,430 --> 00:28:49,919

know it we're going to speak with pilots

730

00:28:55,830 --> 00:28:53,440

physicists image analysts and uniquely

731

00:28:57,350 --> 00:28:55,840

experts in optical illusions and give

732

00:29:00,710 --> 00:28:57,360

the audience a good understanding of

733

00:29:02,549 --> 00:29:00,720

what's actually in all these ufo videos

734

00:29:04,710 --> 00:29:02,559

come and watch the trailer and if you

735

00:29:06,190 --> 00:29:04,720

like help produce the film

736

00:29:09,789 --> 00:29:06,200

visit the

737

00:29:11,430 --> 00:29:09,799

ufo.movie to see it that's the

738

00:29:13,430 --> 00:29:11,440

ufo.movie

739

00:29:15,430 --> 00:29:13,440

join me and let's make this film a real

740

00:29:16,789 --> 00:29:15,440

resource that does the world some good

741

00:29:17,710 --> 00:29:16,799

for a change

742

00:29:19,350 --> 00:29:17,720

the

743

00:29:23,510 --> 00:29:19,360

ufo.movie

744

00:29:35,029 --> 00:29:23,520

i'm brian dunning thank you

745

00:29:37,269 --> 00:29:35,039

[Music]

746

00:29:40,070 --> 00:29:37,279

now it's time once again to go back to

747

00:29:41,430 --> 00:29:40,080

those archives at trove at trove.nla.gov

748

00:29:43,669 --> 00:29:41,440

dot a u

749

00:29:45,269 --> 00:29:43,679

you and mine and everybody's online

750

00:29:47,269 --> 00:29:45,279

resource from the australian government

751
00:29:49,190 --> 00:29:47,279
and the national library of australia

752
00:29:50,549 --> 00:29:49,200
digitized newspapers

753
00:29:52,470 --> 00:29:50,559
and much more

754
00:29:53,510 --> 00:29:52,480
and what fun we have diving into the

755
00:29:55,909 --> 00:29:53,520
trove

756
00:29:57,990 --> 00:29:55,919
the treasure we find in that

757
00:30:00,149 --> 00:29:58,000
inflammation vault

758
00:30:01,510 --> 00:30:00,159
this week we're going to look at

759
00:30:04,230 --> 00:30:01,520
astrology

760
00:30:08,690 --> 00:30:04,240
and a series of articles and

761
00:30:12,789 --> 00:30:10,549
[Music]

762
00:30:15,269 --> 00:30:12,799
and these all appeared in the canberra

763
00:30:17,750 --> 00:30:15,279

times in 1986

764

00:30:20,470 --> 00:30:17,760

and the first article comes from the

765

00:30:22,950 --> 00:30:20,480

15th of june

766

00:30:24,470 --> 00:30:22,960

the extraordinary and bizarre belief in

767

00:30:27,340 --> 00:30:24,480

the paranormal

768

00:30:32,630 --> 00:30:27,350

by william gray

769

00:30:34,630 --> 00:30:32,640

[Music]

770

00:30:37,909 --> 00:30:34,640

astrologers say that if you were born

771

00:30:41,029 --> 00:30:37,919

between february 20 and march 20 you are

772

00:30:43,909 --> 00:30:41,039

extremely sensitive unworldly

773

00:30:46,230 --> 00:30:43,919

and impractical and always eager to try

774

00:30:49,430 --> 00:30:46,240

to escape from reality

775

00:30:50,470 --> 00:30:49,440

these characteristics they say are the

776

00:30:53,190 --> 00:30:50,480

result

777

00:30:55,430 --> 00:30:53,200

not of constitution or upbringing

778

00:30:56,990 --> 00:30:55,440

but of the position of the sun at the

779

00:30:59,430 --> 00:30:57,000

time of your birth

780

00:31:01,430 --> 00:30:59,440

numerologists might tell you

781

00:31:04,149 --> 00:31:01,440

similar stories based on numbers

782

00:31:06,389 --> 00:31:04,159

associated with the letters of your name

783

00:31:07,669 --> 00:31:06,399

others will read your destiny or

784

00:31:10,630 --> 00:31:07,679

character

785

00:31:13,590 --> 00:31:10,640

in the palm of your hand or even a

786

00:31:15,990 --> 00:31:13,600

teacup i am someone who is greatly

787

00:31:18,470 --> 00:31:16,000

puzzled about belief in the paranormal

788

00:31:21,430 --> 00:31:18,480

associations made by psychics and

789

00:31:24,710 --> 00:31:21,440

astrologers about our destinies esp and

790

00:31:28,310 --> 00:31:24,720

so forth are ones which i find

791

00:31:30,950 --> 00:31:28,320

extraordinary and bizarre there is then

792

00:31:34,350 --> 00:31:30,960

a stark difference between the way i

793

00:31:36,630 --> 00:31:34,360

look at the world and the way which is

794

00:31:38,950 --> 00:31:36,640

characteristically adopted by psychics

795

00:31:41,029 --> 00:31:38,960

and other friends of the paranormal

796

00:31:43,590 --> 00:31:41,039

a very mixed bag

797

00:31:46,470 --> 00:31:43,600

in particular it seems to me that while

798

00:31:49,190 --> 00:31:46,480

the world can sometimes be favorable

799

00:31:51,750 --> 00:31:49,200

ordered according to our designs our

800

00:31:55,430 --> 00:31:51,760

best laid plans are frequently

801
00:31:57,830 --> 00:31:55,440
confounded by what michael freyan has

802
00:32:01,350 --> 00:31:57,840
nicely called the sheer

803
00:32:03,789 --> 00:32:01,360
knobbiness of things accident mishap and

804
00:32:08,549 --> 00:32:03,799
contingency feature centrally as

805
00:32:11,350 --> 00:32:08,559
uncontrollable and unpredictable factors

806
00:32:13,669 --> 00:32:11,360
but not i stress as agencies

807
00:32:16,470 --> 00:32:13,679
which perpetually dissipate the

808
00:32:18,950 --> 00:32:16,480
organization and order which we try to

809
00:32:22,149 --> 00:32:18,960
impose upon our surroundings

810
00:32:24,389 --> 00:32:22,159
the law of murphy seems to me to capture

811
00:32:26,630 --> 00:32:24,399
an important feature of the way that the

812
00:32:30,549 --> 00:32:26,640
world resists our attempts to structure

813
00:32:32,470 --> 00:32:30,559

it in a systematic and organized manner

814

00:32:33,830 --> 00:32:32,480

the way that psychics and other friends

815

00:32:35,990 --> 00:32:33,840

of the paranormal make sense of the

816

00:32:38,950 --> 00:32:36,000

world is very different

817

00:32:43,190 --> 00:32:38,960

where i see chaos and mishap they see

818

00:32:45,590 --> 00:32:43,200

hidden continuity and pattern in this

819

00:32:46,950 --> 00:32:45,600

lies the basic difference between their

820

00:32:48,389 --> 00:32:46,960

world view

821

00:32:50,549 --> 00:32:48,399

and my own

822

00:32:51,509 --> 00:32:50,559

a couple of books which i have recently

823

00:32:54,470 --> 00:32:51,519

read

824

00:32:56,149 --> 00:32:54,480

with bemused fascination have helped me

825

00:32:58,149 --> 00:32:56,159

to understand the difference between the

826

00:32:59,110 --> 00:32:58,159

world view of the psychics

827

00:33:00,710 --> 00:32:59,120

and

828

00:33:04,710 --> 00:33:00,720

my own

829

00:33:07,750 --> 00:33:04,720

they are bridget pleuris avc of esp

830

00:33:09,990 --> 00:33:07,760

and derek and julia parks the new

831

00:33:11,909 --> 00:33:10,000

complete astrologer

832

00:33:14,710 --> 00:33:11,919

entertain the belief structure of a

833

00:33:15,990 --> 00:33:14,720

psychic presents a difficulty for people

834

00:33:19,350 --> 00:33:16,000

like myself

835

00:33:20,710 --> 00:33:19,360

it is a bit like attempting to fathom

836

00:33:23,990 --> 00:33:20,720

the thinking

837

00:33:26,310 --> 00:33:24,000

of a distant foreign tribe with a widely

838

00:33:27,990 --> 00:33:26,320

disparate world view

839

00:33:30,389 --> 00:33:28,000

i will try to illustrate this difference

840

00:33:32,950 --> 00:33:30,399

with the help of an example

841

00:33:36,549 --> 00:33:32,960

this modest exercise in epistemological

842

00:33:39,110 --> 00:33:36,559

anthropology not only helps to clarify

843

00:33:42,470 --> 00:33:39,120

the way psychics interpret the world it

844

00:33:43,990 --> 00:33:42,480

also i think reveals something important

845

00:33:46,389 --> 00:33:44,000

about the way

846

00:33:48,070 --> 00:33:46,399

that we make sense of the world quite

847

00:33:50,950 --> 00:33:48,080

generally

848

00:33:53,669 --> 00:33:50,960

suppose that someone is walking under a

849

00:33:56,710 --> 00:33:53,679

building and is struck by a tile that

850

00:34:00,549 --> 00:33:56,720

happens to fall from the roof overhead

851
00:34:03,990 --> 00:34:00,559
this i say is an accident a coincidence

852
00:34:06,549 --> 00:34:04,000
bad luck the unfortunate event is the

853
00:34:07,590 --> 00:34:06,559
consequence of two independent

854
00:34:10,230 --> 00:34:07,600
happenings

855
00:34:13,510 --> 00:34:10,240
the walk the falling of the tile for

856
00:34:15,109 --> 00:34:13,520
each of which there is very likely at

857
00:34:18,389 --> 00:34:15,119
least in principle

858
00:34:20,629 --> 00:34:18,399
a perfectly good causal explanation

859
00:34:23,510 --> 00:34:20,639
the falling of the tile can be explained

860
00:34:25,909 --> 00:34:23,520
as the result of its material properties

861
00:34:30,149 --> 00:34:25,919
facts about its age weathering and

862
00:34:32,629 --> 00:34:30,159
various historical visitudes before and

863
00:34:36,069 --> 00:34:32,639

including the moment when it broke off

864

00:34:38,790 --> 00:34:36,079

and fell the walk is explicable in terms

865

00:34:41,349 --> 00:34:38,800

of the intentions and desires of the

866

00:34:44,069 --> 00:34:41,359

unfortunate individual whose location

867

00:34:47,510 --> 00:34:44,079

interrupted the tile's descent

868

00:34:51,109 --> 00:34:47,520

but to ask the further question quote

869

00:34:54,389 --> 00:34:51,119

why did that tile fall on that person in

870

00:34:57,109 --> 00:34:54,399

quote is in my view utterly futile

871

00:35:00,630 --> 00:34:57,119

it is a question for which there is and

872

00:35:03,550 --> 00:35:00,640

can be in principle no answer

873

00:35:06,550 --> 00:35:03,560

the falling of the tile and the walk are

874

00:35:07,510 --> 00:35:06,560

intrinsically unrelated events they are

875

00:35:10,069 --> 00:35:07,520

part of

876

00:35:11,829 --> 00:35:10,079

distant and unconnected

877

00:35:13,750 --> 00:35:11,839

or decoupled

878

00:35:15,910 --> 00:35:13,760

causal chains

879

00:35:17,190 --> 00:35:15,920

this sort of pattern of happenings seems

880

00:35:19,990 --> 00:35:17,200

to me to

881

00:35:22,230 --> 00:35:20,000

exemplify much of what goes on the

882

00:35:24,550 --> 00:35:22,240

history of individuals and nations

883

00:35:28,710 --> 00:35:24,560

consists largely of the fortuitous

884

00:35:31,349 --> 00:35:28,720

intersection of decoupled causal chains

885

00:35:33,990 --> 00:35:31,359

it is for this reason that one seeks

886

00:35:36,790 --> 00:35:34,000

laws of historical development and

887

00:35:39,589 --> 00:35:36,800

similar generalizations at one's peril

888

00:35:42,230 --> 00:35:39,599

and it is the same fact that makes any

889

00:35:45,030 --> 00:35:42,240

attempt to predict the future in any

890

00:35:47,589 --> 00:35:45,040

detail a hopeless exercise

891

00:35:50,150 --> 00:35:47,599

there is plenty of scope for developing

892

00:35:53,349 --> 00:35:50,160

fairly general predictions and to

893

00:35:55,109 --> 00:35:53,359

provide satisfactory explanations of why

894

00:35:58,470 --> 00:35:55,119

various things happen

895

00:36:01,109 --> 00:35:58,480

but the best we can do is identify broad

896

00:36:03,510 --> 00:36:01,119

trends and tendencies within a single

897

00:36:06,550 --> 00:36:03,520

causal framework a great deal of what

898

00:36:09,670 --> 00:36:06,560

goes on is thoroughly accidental and

899

00:36:11,349 --> 00:36:09,680

contingent just because it is the result

900

00:36:13,990 --> 00:36:11,359

of fortuitous intersections of

901
00:36:16,069 --> 00:36:14,000
independent causal chains sometimes

902
00:36:18,470 --> 00:36:16,079
things work out happily

903
00:36:20,310 --> 00:36:18,480
and we speak of good luck but luck is

904
00:36:23,190 --> 00:36:20,320
not some mysterious force which is

905
00:36:25,750 --> 00:36:23,200
subtly directing our destinies it is

906
00:36:28,630 --> 00:36:25,760
just the retrospective evaluation of

907
00:36:30,390 --> 00:36:28,640
contingent and unpredictable outcomes

908
00:36:31,670 --> 00:36:30,400
with respect to our desires and

909
00:36:34,230 --> 00:36:31,680
interests

910
00:36:36,470 --> 00:36:34,240
psychics however see the world

911
00:36:38,630 --> 00:36:36,480
very differently they agree that being

912
00:36:42,270 --> 00:36:38,640
struck by a tile for example

913
00:36:43,910 --> 00:36:42,280

is bad luck all right but there are no

914

00:36:46,470 --> 00:36:43,920

coincidences

915

00:36:47,750 --> 00:36:46,480

the walk and the falling of the tile are

916

00:36:50,470 --> 00:36:47,760

connected

917

00:36:52,870 --> 00:36:50,480

psychics believe not in a superficial

918

00:36:56,470 --> 00:36:52,880

obvious testable way but

919

00:36:59,670 --> 00:36:56,480

in a subtle deep and unobvious way

920

00:37:02,310 --> 00:36:59,680

psychics differ among themselves as to

921

00:37:05,430 --> 00:37:02,320

the right way to uncover these

922

00:37:08,470 --> 00:37:05,440

underlying connections astrologers see

923

00:37:10,390 --> 00:37:08,480

such apparently unconnected events as a

924

00:37:13,670 --> 00:37:10,400

reflection of distant stellar

925

00:37:16,230 --> 00:37:13,680

configurations numerologists see them as

926
00:37:19,349 --> 00:37:16,240
a reflection of the harmonics which can

927
00:37:22,470 --> 00:37:19,359
be uncovered by grasping subtle

928
00:37:24,390 --> 00:37:22,480
arithmetical correlations this is

929
00:37:27,030 --> 00:37:24,400
another fascinating aspect of the

930
00:37:29,390 --> 00:37:27,040
problem of grappling with paranormal

931
00:37:32,150 --> 00:37:29,400
belief structures they are so

932
00:37:33,589 --> 00:37:32,160
conspicuously inconsistent with one

933
00:37:35,990 --> 00:37:33,599
another

934
00:37:38,230 --> 00:37:36,000
believers tend to be convinced of the

935
00:37:42,109 --> 00:37:38,240
truth of their own preferred

936
00:37:45,430 --> 00:37:42,119
enthusiasm and to share the skeptic's

937
00:37:47,270 --> 00:37:45,440
incredulity about the legitimacy of

938
00:37:49,750 --> 00:37:47,280

other psychics

939

00:37:51,270 --> 00:37:49,760

explanations

940

00:37:53,829 --> 00:37:51,280

i do not want to exploit the

941

00:37:57,670 --> 00:37:53,839

opportunities for cheap forensic triumph

942

00:37:59,990 --> 00:37:57,680

which psychic experts generously provide

943

00:38:02,230 --> 00:38:00,000

what i find fascinating and what is

944

00:38:05,750 --> 00:38:02,240

largely unnoticed is the way that

945

00:38:08,550 --> 00:38:05,760

psychics are engaged in that most

946

00:38:10,670 --> 00:38:08,560

characteristic of human enterprises the

947

00:38:13,910 --> 00:38:10,680

attempt to capture our chaotic and

948

00:38:16,829 --> 00:38:13,920

fragmentary experiences in a network of

949

00:38:19,829 --> 00:38:16,839

meanings and to discover the hidden

950

00:38:22,710 --> 00:38:19,839

connectedness which we hope underlies

951
00:38:24,550 --> 00:38:22,720
all the disorderly and recalcitrant

952
00:38:27,270 --> 00:38:24,560
happenings in the world

953
00:38:29,589 --> 00:38:27,280
despite the stark difference in approach

954
00:38:32,069 --> 00:38:29,599
the belief structure of psychics has

955
00:38:34,150 --> 00:38:32,079
something important in common with

956
00:38:37,190 --> 00:38:34,160
scientific worldviews

957
00:38:38,470 --> 00:38:37,200
this is the urge to discover

958
00:38:40,950 --> 00:38:38,480
or invent

959
00:38:44,069 --> 00:38:40,960
repetitive patterns which lie

960
00:38:45,990 --> 00:38:44,079
hidden beneath a veneer of disorder

961
00:38:47,430 --> 00:38:46,000
scientific understanding of the world

962
00:38:50,150 --> 00:38:47,440
has developed on

963
00:38:53,270 --> 00:38:50,160

just this heuristic assumption

964

00:38:55,910 --> 00:38:53,280

physics in particular provides us with

965

00:38:57,230 --> 00:38:55,920

its most profound insights by uncovering

966

00:39:00,630 --> 00:38:57,240

underlying and

967

00:39:04,710 --> 00:39:00,640

unobvious connections which link

968

00:39:07,190 --> 00:39:04,720

apparently disparate events in the world

969

00:39:09,270 --> 00:39:07,200

newton's triumph was precisely to

970

00:39:12,069 --> 00:39:09,280

provide an orderly interpretation of

971

00:39:14,390 --> 00:39:12,079

apparent disconnected phenomena namely

972

00:39:16,470 --> 00:39:14,400

stellar and terrestrial motions

973

00:39:19,190 --> 00:39:16,480

the elegant classical conceptions of

974

00:39:21,829 --> 00:39:19,200

newton which revealed an underlying

975

00:39:24,550 --> 00:39:21,839

system of orderly connections eventually

976
00:39:25,670 --> 00:39:24,560
collapsed however when his success is

977
00:39:28,790 --> 00:39:25,680
uncovered

978
00:39:30,950 --> 00:39:28,800
in the microphysical world a disorder of

979
00:39:34,310 --> 00:39:30,960
randomness which underlies the

980
00:39:36,470 --> 00:39:34,320
classically conceived newtonian order

981
00:39:38,710 --> 00:39:36,480
randomness and disorder are difficult

982
00:39:41,670 --> 00:39:38,720
for the human mind to accept

983
00:39:42,550 --> 00:39:41,680
they were repugnant to einstein for

984
00:39:45,030 --> 00:39:42,560
example

985
00:39:46,829 --> 00:39:45,040
who hoped to find order beneath the

986
00:39:49,109 --> 00:39:46,839
randomness of

987
00:39:51,109 --> 00:39:49,119
microphysical world

988
00:39:53,829 --> 00:39:51,119

psychics are committed to the belief

989

00:39:56,150 --> 00:39:53,839

that there are extra physical ways in

990

00:39:57,270 --> 00:39:56,160

which happenings in the world are

991

00:39:59,750 --> 00:39:57,280

related

992

00:40:01,750 --> 00:39:59,760

that there are hidden meanings to be

993

00:40:04,309 --> 00:40:01,760

deciphered through techniques and

994

00:40:06,069 --> 00:40:04,319

methods which transcend the limitations

995

00:40:08,550 --> 00:40:06,079

of empirical science

996

00:40:10,630 --> 00:40:08,560

psychics develop their own preposterous

997

00:40:13,510 --> 00:40:10,640

claims about the world by clinging

998

00:40:14,950 --> 00:40:13,520

unswervingly to this metaphysical

999

00:40:16,630 --> 00:40:14,960

article of faith

1000

00:40:19,270 --> 00:40:16,640

the same assumption

1001

00:40:22,390 --> 00:40:19,280

faith in underlying order despite

1002

00:40:24,790 --> 00:40:22,400

appearances to the contrary which has

1003

00:40:26,950 --> 00:40:24,800

motivated many of our most powerful

1004

00:40:29,589 --> 00:40:26,960

theoretical innovations

1005

00:40:32,550 --> 00:40:29,599

what distinguishes the discoveries of

1006

00:40:35,510 --> 00:40:32,560

subtle truths from the purveyors of

1007

00:40:38,470 --> 00:40:35,520

spearous nonsense is the fact that the

1008

00:40:41,109 --> 00:40:38,480

former are prepared to abandon their

1009

00:40:43,109 --> 00:40:41,119

generalizations in the light of

1010

00:40:44,790 --> 00:40:43,119

disconfirming evidence

1011

00:40:47,270 --> 00:40:44,800

australian skeptics offered the very

1012

00:40:49,349 --> 00:40:47,280

large sum of one hundred thousand

1013

00:40:51,589 --> 00:40:49,359

dollars to any dowser who could

1014

00:40:53,349 --> 00:40:51,599

demonstrate his or her powers under

1015

00:40:55,829 --> 00:40:53,359

controlled conditions

1016

00:40:57,589 --> 00:40:55,839

dowsers agreed to the conditions of the

1017

00:40:58,710 --> 00:40:57,599

test in advance

1018

00:41:02,150 --> 00:40:58,720

and failed

1019

00:41:05,030 --> 00:41:02,160

skeptics did not expose the dowsers

1020

00:41:07,030 --> 00:41:05,040

they exposed themselves if you want an

1021

00:41:11,829 --> 00:41:07,040

account of psychic claims and the

1022

00:41:14,790 --> 00:41:11,839

psychic worldview the abc of esp

1023

00:41:16,870 --> 00:41:14,800

is a representative and very uncritical

1024

00:41:20,069 --> 00:41:16,880

source it should be

1025

00:41:22,790 --> 00:41:20,079

balanced with readings from a less

1026

00:41:25,190 --> 00:41:22,800

indulgent source such as the journal

1027

00:41:27,910 --> 00:41:25,200

this skeptical inquirer similar caveats

1028

00:41:31,030 --> 00:41:27,920

applied to the parker's book on

1029

00:41:33,270 --> 00:41:31,040

astrology which is the source of the

1030

00:41:34,390 --> 00:41:33,280

absurd claim set out in the opening

1031

00:41:37,670 --> 00:41:34,400

paragraph

1032

00:41:40,150 --> 00:41:37,680

the central claim of astrologers and it

1033

00:41:42,069 --> 00:41:40,160

underlies the parker's book

1034

00:41:43,829 --> 00:41:42,079

is that stellar and planetary

1035

00:41:46,309 --> 00:41:43,839

configurations at the time of an

1036

00:41:48,950 --> 00:41:46,319

individual's birth affect his or her

1037

00:41:51,910 --> 00:41:48,960

destiny again readers should temper

1038

00:41:55,030 --> 00:41:51,920

their astrological enthusiasms

1039

00:41:58,230 --> 00:41:55,040

with sobering drafts from carefully and

1040

00:42:01,589 --> 00:41:58,240

disciplined examinations of the subject

1041

00:42:05,670 --> 00:42:01,599

from sources like the skeptical inquirer

1042

00:42:08,790 --> 00:42:05,680

astrology at bottom is motivated by a

1043

00:42:11,270 --> 00:42:08,800

distaste for disorder an urge to find

1044

00:42:13,910 --> 00:42:11,280

hidden underlying connectedness

1045

00:42:16,710 --> 00:42:13,920

linking desperate events

1046

00:42:19,030 --> 00:42:16,720

this heuristic pattern making assumption

1047

00:42:21,670 --> 00:42:19,040

is an essential ingredient of the world

1048

00:42:23,829 --> 00:42:21,680

view which has enabled us to develop a

1049

00:42:25,910 --> 00:42:23,839

subtle and profound understanding of the

1050

00:42:28,790 --> 00:42:25,920

nature of our world

1051
00:42:31,670 --> 00:42:28,800
it is also however an assumption which

1052
00:42:34,550 --> 00:42:31,680
can be profoundly misleading if it is

1053
00:42:36,790 --> 00:42:34,560
not coupled with a procedure for the

1054
00:42:39,829 --> 00:42:36,800
testing of generalizations against

1055
00:42:42,710 --> 00:42:39,839
evidence it is this leukena which makes

1056
00:42:45,270 --> 00:42:42,720
psychic explanations a pathological

1057
00:42:47,750 --> 00:42:45,280
manifestation of our attempt to make

1058
00:42:49,670 --> 00:42:47,760
sense of the world

1059
00:42:52,069 --> 00:42:49,680
william gray has taught philosophy at

1060
00:42:54,710 --> 00:42:52,079
the australian national university and

1061
00:42:56,870 --> 00:42:54,720
temple university philadelphia he works

1062
00:42:59,990 --> 00:42:56,880
in the department of science and is

1063
00:43:02,550 --> 00:43:00,000

secretary of the act branch

1064

00:43:05,030 --> 00:43:02,560

of australian skeptics

1065

00:43:07,430 --> 00:43:05,040

now that was published again on the 15th

1066

00:43:09,270 --> 00:43:07,440

of june 1986

1067

00:43:12,870 --> 00:43:09,280

in the canberra times

1068

00:43:16,870 --> 00:43:12,880

and here on the 2nd of july

1069

00:43:18,230 --> 00:43:16,880

in the same newspaper is a response

1070

00:43:22,630 --> 00:43:18,240

astrology

1071

00:43:25,270 --> 00:43:22,640

order within disorder received june 23

1072

00:43:27,829 --> 00:43:25,280

and it is a letter to the editor

1073

00:43:28,790 --> 00:43:27,839

sir i am writing in response to the

1074

00:43:30,630 --> 00:43:28,800

article

1075

00:43:32,950 --> 00:43:30,640

quote the extraordinary and bizarre

1076

00:43:36,230 --> 00:43:32,960

belief in the paranormal and quote by

1077

00:43:37,270 --> 00:43:36,240

william gray in the sunday extra of june

1078

00:43:39,910 --> 00:43:37,280

15.

1079

00:43:43,109 --> 00:43:39,920

the article seems to rely on the concept

1080

00:43:45,349 --> 00:43:43,119

that the universe is ultimately a random

1081

00:43:47,670 --> 00:43:45,359

chaotic disordered place

1082

00:43:50,630 --> 00:43:47,680

i cannot disagree with this concept in

1083

00:43:52,950 --> 00:43:50,640

fact it is in keeping with this concept

1084

00:43:54,710 --> 00:43:52,960

that i would like to make the following

1085

00:43:57,030 --> 00:43:54,720

observations

1086

00:43:59,910 --> 00:43:57,040

albert einstein as was stated in the

1087

00:44:02,870 --> 00:43:59,920

article found this concept repugnant he

1088

00:44:05,910 --> 00:44:02,880

said quote i cannot believe god plays

1089

00:44:09,030 --> 00:44:05,920

dice with the universe end quote but

1090

00:44:12,150 --> 00:44:09,040

einstein was a piscean that is he was

1091

00:44:14,710 --> 00:44:12,160

born between february 20 and march 20.

1092

00:44:15,829 --> 00:44:14,720

small wonder he found reality so hard to

1093

00:44:18,470 --> 00:44:15,839

accept

1094

00:44:22,069 --> 00:44:18,480

if the universe is a chaotic random

1095

00:44:24,790 --> 00:44:22,079

environment then it can be likened to a

1096

00:44:28,550 --> 00:44:24,800

string of random numbers

1097

00:44:29,510 --> 00:44:28,560

let us assume the following are random

1098

00:44:31,349 --> 00:44:29,520

eight

1099

00:44:32,230 --> 00:44:31,359

seven

1100

00:44:33,190 --> 00:44:32,240

four

1101
00:44:34,069 --> 00:44:33,200
one

1102
00:44:34,950 --> 00:44:34,079
two

1103
00:44:35,750 --> 00:44:34,960
three

1104
00:44:36,710 --> 00:44:35,760
four

1105
00:44:37,510 --> 00:44:36,720
five

1106
00:44:38,390 --> 00:44:37,520
six

1107
00:44:40,150 --> 00:44:38,400
one

1108
00:44:41,030 --> 00:44:40,160
three

1109
00:44:42,470 --> 00:44:41,040
six

1110
00:44:44,550 --> 00:44:42,480
eight

1111
00:44:47,349 --> 00:44:44,560
i can assert safely that this string of

1112
00:44:50,230 --> 00:44:47,359
numbers would occur somewhere on an

1113
00:44:53,589 --> 00:44:50,240

infinite series of random numbers note

1114

00:44:56,470 --> 00:44:53,599

the apparent ordered series 1 2

1115

00:44:59,190 --> 00:44:56,480

3 4 5 6

1116

00:45:01,510 --> 00:44:59,200

starting at position 5 on the line

1117

00:45:03,670 --> 00:45:01,520

this apparently ordered series within a

1118

00:45:07,190 --> 00:45:03,680

random string is called a

1119

00:45:09,510 --> 00:45:07,200

quote markov chain end quote

1120

00:45:11,910 --> 00:45:09,520

in a chaotic random universe there are

1121

00:45:14,550 --> 00:45:11,920

many seemingly ordered systems

1122

00:45:18,630 --> 00:45:14,560

these are galaxies star systems planets

1123

00:45:21,510 --> 00:45:18,640

life forms etc these spraying up as if

1124

00:45:24,230 --> 00:45:21,520

by accident and continue existing for an

1125

00:45:27,990 --> 00:45:24,240

apparently random period in this way you

1126
00:45:30,790 --> 00:45:28,000
can be sure you exist but you have no

1127
00:45:33,990 --> 00:45:30,800
idea for how long you will continue to

1128
00:45:36,309 --> 00:45:34,000
do so within our markov chain we can

1129
00:45:38,790 --> 00:45:36,319
make statements about the relationship

1130
00:45:42,309 --> 00:45:38,800
between individual elements that are

1131
00:45:45,910 --> 00:45:42,319
only true within the ordered system

1132
00:45:47,589 --> 00:45:45,920
we need only add one to obtain the value

1133
00:45:50,790 --> 00:45:47,599
of the next element

1134
00:45:52,470 --> 00:45:50,800
this is true until the ordered chain

1135
00:45:54,790 --> 00:45:52,480
disappears

1136
00:45:57,750 --> 00:45:54,800
the solar system is an ordered chain in

1137
00:46:00,069 --> 00:45:57,760
a sea of random disorder we call the

1138
00:46:02,470 --> 00:46:00,079

cosmos if certain individuals claim

1139

00:46:03,910 --> 00:46:02,480

there is a relationship between elements

1140

00:46:06,790 --> 00:46:03,920

of this system

1141

00:46:09,910 --> 00:46:06,800

i.e the planets and affairs of humans

1142

00:46:14,150 --> 00:46:09,920

the true test of this validity must be

1143

00:46:17,030 --> 00:46:14,160

observation not dismissal on a priori

1144

00:46:19,990 --> 00:46:17,040

considerations like quote order doesn't

1145

00:46:23,670 --> 00:46:20,000

exist in a disordered universe end quote

1146

00:46:26,390 --> 00:46:23,680

astrology is not an attempt to project

1147

00:46:28,710 --> 00:46:26,400

or perceive order in what is a

1148

00:46:30,630 --> 00:46:28,720

disordered cosmos it is the observed

1149

00:46:32,150 --> 00:46:30,640

relationship between elements of a

1150

00:46:36,470 --> 00:46:32,160

markov chain

1151

00:46:38,550 --> 00:46:36,480

this does not detract from its validity

1152

00:46:41,430 --> 00:46:38,560

astrology will remain valid while the

1153

00:46:43,990 --> 00:46:41,440

solar system remains

1154

00:46:45,430 --> 00:46:44,000

isaac newton who was among other things

1155

00:46:48,309 --> 00:46:45,440

an astrologer

1156

00:46:51,430 --> 00:46:48,319

once said to a critic of astrology quote

1157

00:46:53,910 --> 00:46:51,440

i sir have studied the subject you have

1158

00:46:57,349 --> 00:46:53,920

not and quote i would level this

1159

00:47:00,470 --> 00:46:57,359

criticism at mr gray many publications

1160

00:47:02,950 --> 00:47:00,480

that are allegedly about astrology

1161

00:47:05,910 --> 00:47:02,960

are really about increasing the bank

1162

00:47:08,230 --> 00:47:05,920

balances of the authors not increasing

1163

00:47:10,470 --> 00:47:08,240

human understanding or evolution

1164

00:47:13,910 --> 00:47:10,480

one or two books does not a course of

1165

00:47:16,230 --> 00:47:13,920

study make astrology is far more than

1166

00:47:17,510 --> 00:47:16,240

merely noting the position of the sun at

1167

00:47:18,790 --> 00:47:17,520

one's birth

1168

00:47:21,910 --> 00:47:18,800

the

1169

00:47:24,470 --> 00:47:21,920

science of astrology has endured

1170

00:47:27,670 --> 00:47:24,480

thousands of years and more recently

1171

00:47:30,470 --> 00:47:27,680

major persecution by segments of society

1172

00:47:31,750 --> 00:47:30,480

best dismissed with the contempt it

1173

00:47:35,109 --> 00:47:31,760

deserves

1174

00:47:38,069 --> 00:47:35,119

the reign of the sort of dogma that

1175

00:47:39,990 --> 00:47:38,079

compel galileo to announce publicly that

1176

00:47:42,069 --> 00:47:40,000

the earth was the center of the solar

1177

00:47:43,510 --> 00:47:42,079

system is at an end

1178

00:47:47,430 --> 00:47:43,520

the science

1179

00:47:50,069 --> 00:47:47,440

of astrology may now be pursued without

1180

00:47:51,990 --> 00:47:50,079

fear to dismiss this science as an

1181

00:47:55,109 --> 00:47:52,000

attempt to reconcile a purely

1182

00:47:58,390 --> 00:47:55,119

psychological interpretation without the

1183

00:48:01,910 --> 00:47:58,400

psyche of astrologers on the strength of

1184

00:48:04,230 --> 00:48:01,920

one publication is totally irresponsible

1185

00:48:06,710 --> 00:48:04,240

mr grace demonstrated intellectual

1186

00:48:09,430 --> 00:48:06,720

nihilism is probably the cause of his

1187

00:48:11,910 --> 00:48:09,440

inability to accept that order does

1188

00:48:14,309 --> 00:48:11,920

occur within the disorder of the

1189

00:48:16,390 --> 00:48:14,319

universe unless this inability is the

1190

00:48:20,470 --> 00:48:16,400

cause of his philosophy

1191

00:48:22,630 --> 00:48:20,480

but i do not begrudge mr gray is beliefs

1192

00:48:25,190 --> 00:48:22,640

i suggest there is room within the

1193

00:48:27,510 --> 00:48:25,200

philosophical scientific environment of

1194

00:48:29,750 --> 00:48:27,520

human civilization and other concepts

1195

00:48:31,990 --> 00:48:29,760

and belief systems i believe these

1196

00:48:34,630 --> 00:48:32,000

systems should be properly apprehended

1197

00:48:36,870 --> 00:48:34,640

before they are criticized if mr gray is

1198

00:48:39,750 --> 00:48:36,880

really interested in studying astrology

1199

00:48:41,829 --> 00:48:39,760

i suggest he begin the work of dr

1200

00:48:44,309 --> 00:48:41,839

michelle grocklin

1201
00:48:45,750 --> 00:48:44,319
and dr hans j

1202
00:48:48,150 --> 00:48:45,760
eisnick

1203
00:48:50,870 --> 00:48:48,160
stephen cook publicity officer

1204
00:48:53,670 --> 00:48:50,880
federation of australian astrologers act

1205
00:48:57,349 --> 00:48:53,680
branch macquarie

1206
00:48:59,750 --> 00:48:57,359
what an interesting reply that was

1207
00:49:02,230 --> 00:48:59,760
and to this day

1208
00:49:03,750 --> 00:49:02,240
i imagine astrologers still insist that

1209
00:49:05,190 --> 00:49:03,760
astrology

1210
00:49:07,670 --> 00:49:05,200
is a science

1211
00:49:10,630 --> 00:49:07,680
and of course as you know skeptical

1212
00:49:15,349 --> 00:49:10,640
groups around the world are very happy

1213
00:49:17,349 --> 00:49:15,359

to apply scientific rigor to astrology

1214

00:49:21,990 --> 00:49:17,359

and finally from the same newspaper once

1215

00:49:24,230 --> 00:49:22,000

again this time on the 21st of july 1986

1216

00:49:26,549 --> 00:49:24,240

in letters to the editor

1217

00:49:29,510 --> 00:49:26,559

astrological nonsense

1218

00:49:30,630 --> 00:49:29,520

received july 18.

1219

00:49:33,510 --> 00:49:30,640

sir

1220

00:49:36,710 --> 00:49:33,520

your paper has given much space recently

1221

00:49:38,710 --> 00:49:36,720

to mr stephen cook publicity officer

1222

00:49:41,829 --> 00:49:38,720

from the federation of australian

1223

00:49:44,870 --> 00:49:41,839

astrologers firstly for him to air his

1224

00:49:47,910 --> 00:49:44,880

views on the quote science and quote of

1225

00:49:51,109 --> 00:49:47,920

astrology and secondly to respond to

1226
00:49:52,950 --> 00:49:51,119
critical comments made by ian warden

1227
00:49:55,430 --> 00:49:52,960
i didn't uncover that

1228
00:49:57,670 --> 00:49:55,440
particular item but nevertheless

1229
00:50:00,069 --> 00:49:57,680
despite the opportunities given to him

1230
00:50:02,790 --> 00:50:00,079
mr cook has yet to explain how random

1231
00:50:05,190 --> 00:50:02,800
groupings of stars many light years away

1232
00:50:08,069 --> 00:50:05,200
are able to exert an influence on the

1233
00:50:09,349 --> 00:50:08,079
present behavior or future expectations

1234
00:50:11,829 --> 00:50:09,359
of people

1235
00:50:15,430 --> 00:50:11,839
if mr cook had any scientific leanings

1236
00:50:17,670 --> 00:50:15,440
whatsoever he would accept that

1237
00:50:20,630 --> 00:50:17,680
apart from soul

1238
00:50:22,790 --> 00:50:20,640

the only influence stars have had on the

1239

00:50:24,549 --> 00:50:22,800

development of mankind is in the field

1240

00:50:26,870 --> 00:50:24,559

of navigation

1241

00:50:29,510 --> 00:50:26,880

mr cook would do well to restrict his

1242

00:50:32,390 --> 00:50:29,520

publicity to the gullible few who have

1243

00:50:34,470 --> 00:50:32,400

joined his federation rather than to

1244

00:50:35,670 --> 00:50:34,480

insult the intelligence of the rest of

1245

00:50:37,750 --> 00:50:35,680

us

1246

00:50:40,549 --> 00:50:37,760

congratulations to the canberra times

1247

00:50:41,910 --> 00:50:40,559

for being one of the few papers not

1248

00:50:44,790 --> 00:50:41,920

publishing

1249

00:50:46,150 --> 00:50:44,800

astrological nonsense

1250

00:50:51,349 --> 00:50:46,160

be butler

1251
00:50:57,349 --> 00:50:55,349
and i would say about that letter where

1252
00:50:59,750 --> 00:50:57,359
b butler says

1253
00:51:01,910 --> 00:50:59,760
the only influence stars have had on the

1254
00:51:03,829 --> 00:51:01,920
development of mankind is in the field

1255
00:51:05,270 --> 00:51:03,839
of navigation well yes that's partly

1256
00:51:06,950 --> 00:51:05,280
true of course

1257
00:51:08,870 --> 00:51:06,960
very important that

1258
00:51:10,870 --> 00:51:08,880
early navigators and navigators even

1259
00:51:13,109 --> 00:51:10,880
today at times use the stars but i would

1260
00:51:14,069 --> 00:51:13,119
argue that the uh the stars in the

1261
00:51:15,430 --> 00:51:14,079
heavens

1262
00:51:18,390 --> 00:51:15,440
have had

1263
00:51:19,910 --> 00:51:18,400

more than a passing uh influence on

1264

00:51:22,790 --> 00:51:19,920

society and

1265

00:51:25,430 --> 00:51:22,800

our development even if it is even if it

1266

00:51:26,549 --> 00:51:25,440

is through astrology at times

1267

00:51:28,630 --> 00:51:26,559

which

1268

00:51:32,390 --> 00:51:28,640

helped chart a course for human

1269

00:51:35,430 --> 00:51:34,549

so there we go all the way from 1986

1270

00:51:37,510 --> 00:51:35,440

some

1271

00:51:38,870 --> 00:51:37,520

reports and letters to the editor about

1272

00:51:40,950 --> 00:51:38,880

astrology

1273

00:51:43,270 --> 00:51:40,960

and just to be clear

1274

00:51:47,190 --> 00:51:43,280

it doesn't matter how many times

1275

00:51:48,710 --> 00:51:47,200

astrologers say astrology is a science

1276
00:51:52,069 --> 00:51:48,720
it simply

1277
00:51:53,030 --> 00:51:52,079
is not it does not follow the scientific

1278
00:51:54,710 --> 00:51:53,040
method

1279
00:51:56,950 --> 00:51:54,720
it is largely

1280
00:51:59,750 --> 00:51:56,960
untestable or will not be willing to be

1281
00:52:01,910 --> 00:51:59,760
tested or if the testing results in

1282
00:52:05,990 --> 00:52:01,920
negative results then those results are

1283
00:52:08,309 --> 00:52:06,000
discarded it is not it is not science

1284
00:52:10,069 --> 00:52:08,319
but you too can discover science and

1285
00:52:13,150 --> 00:52:10,079
non-science by

1286
00:52:15,829 --> 00:52:13,160
looking into the archives at trove

1287
00:52:17,670 --> 00:52:15,839
trove.nla.gov dot a u

1288
00:52:18,790 --> 00:52:17,680

don't look to the stars look to the

1289

00:52:23,320 --> 00:52:18,800

trove

1290

00:52:38,549 --> 00:52:23,330

and you never know what you might find

1291

00:52:42,150 --> 00:52:40,230

thank you for listening to the skeptic

1292

00:52:44,710 --> 00:52:42,160

zone no matter where you are

1293

00:52:47,430 --> 00:52:44,720

maybe you're in a uh northern suburb of

1294

00:52:49,190 --> 00:52:47,440

melbourne maybe you're over there in

1295

00:52:51,270 --> 00:52:49,200

salinas california

1296

00:52:52,870 --> 00:52:51,280

maybe you're up in oregon

1297

00:52:55,270 --> 00:52:52,880

no matter where you are no matter where

1298

00:52:57,589 --> 00:52:55,280

you are scattered around the world

1299

00:52:59,430 --> 00:52:57,599

i hope you enjoy the show coming up on

1300

00:53:01,030 --> 00:52:59,440

next week's show in the trove segment

1301

00:53:03,510 --> 00:53:01,040

i'm going to be looking at

1302

00:53:06,390 --> 00:53:03,520

alien abductions

1303

00:53:07,270 --> 00:53:06,400

have you abducted any aliens lately

1304

00:53:09,109 --> 00:53:07,280

and

1305

00:53:12,790 --> 00:53:09,119

coming up in a couple of weeks i think

1306

00:53:14,870 --> 00:53:12,800

we have a trove regarding pyramid power

1307

00:53:17,750 --> 00:53:14,880

pyramid power remember that from the

1308

00:53:19,270 --> 00:53:17,760

1970s and the 1980s thank you to those

1309

00:53:21,829 --> 00:53:19,280

people who continue to support the

1310

00:53:25,270 --> 00:53:21,839

skeptic zone at skepticone.tv via

1311

00:53:28,870 --> 00:53:25,280

patreon or paypal and thank you to the

1312

00:53:32,309 --> 00:53:28,880

very generous uh benefactor who

1313

00:53:34,549 --> 00:53:32,319

contributed enough for me to buy the

1314

00:53:38,630 --> 00:53:34,559

recording device the zoom f3 as

1315

00:53:41,829 --> 00:53:38,640

mentioned earlier with ross blotcher

1316

00:53:42,950 --> 00:53:41,839

in fact i'm using it right now and it is

1317

00:53:44,790 --> 00:53:42,960

superb

1318

00:53:47,109 --> 00:53:44,800

now i don't get anything from the zoom

1319

00:53:49,270 --> 00:53:47,119

people i had purchased this myself but

1320

00:53:51,109 --> 00:53:49,280

it is a nice bit of kit

1321

00:53:52,950 --> 00:53:51,119

but for now

1322

00:53:54,549 --> 00:53:52,960

this is richard saunders signing off

1323

00:53:58,150 --> 00:53:54,559

from sydney australia but i'll leave the

1324

00:53:59,430 --> 00:53:58,160

last word to jim wilshere and this is

1325

00:54:08,150 --> 00:53:59,440

the

1326

00:54:10,630 --> 00:54:08,160

adventure we did some years ago you can

1327

00:54:12,549 --> 00:54:10,640

hear that if you go to skepticzone.tv

1328

00:54:15,190 --> 00:54:12,559

scroll down to the bottom you can click

1329

00:54:17,349 --> 00:54:15,200

the link for solar flare the space

1330

00:54:19,750 --> 00:54:17,359

adventure

1331

00:54:21,910 --> 00:54:19,760

and uh jim

1332

00:54:23,750 --> 00:54:21,920

carries the show throughout with his

1333

00:54:26,470 --> 00:54:23,760

narration

1334

00:54:27,670 --> 00:54:26,480

so the last word goes to you

1335

00:54:29,910 --> 00:54:27,680

my friend

1336

00:54:31,190 --> 00:54:29,920

jim wilshere

1337

00:54:34,309 --> 00:54:31,200

narration

1338

00:54:36,829 --> 00:54:34,319

by me jim wilshere