

ARE EVOKED POTENTIALS A MODEL FOR GCP EVENT DATA?

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**SOCIETY
FOR
SCIENTIFIC
EXPLORATION**

1

00:00:07,639 --> 00:00:05,930

I love the SSE meeting and sometimes the

2

00:00:10,629 --> 00:00:07,649

themes turned out to be particularly

3

00:00:13,459 --> 00:00:10,639

interesting just about the time

4

00:00:15,560 --> 00:00:13,469

Concilium was named as the theme for

5

00:00:19,550 --> 00:00:15,570

this meeting I was working on something

6

00:00:21,500 --> 00:00:19,560

which turns out I didn't know it at the

7

00:00:25,640 --> 00:00:21,510

time but it turns out to be a pretty

8

00:00:29,210 --> 00:00:25,650

much an exact match and I want to talk

9

00:00:31,160 --> 00:00:29,220

to you about that today I run this

10

00:00:33,770 --> 00:00:31,170

project called the global consciousness

11

00:00:35,260 --> 00:00:33,780

project and it's been on for about

12

00:00:39,229 --> 00:00:35,270

twenty years

13

00:00:41,860 --> 00:00:39,239

it's a network of random number

14

00:00:44,990 --> 00:00:41,870

generators of random event generators

15

00:00:48,470 --> 00:00:45,000

spread around the world the red spots

16

00:00:50,330 --> 00:00:48,480

here show where they have been some of

17

00:00:56,750 --> 00:00:50,340

them are still running some of them have

18

00:00:59,180 --> 00:00:56,760

retired and my son put the architecture

19

00:01:05,000 --> 00:00:59,190

together for a software that still works

20

00:01:08,000 --> 00:01:05,010

after 20 years he said what you're doing

21

00:01:11,240 --> 00:01:08,010

looks a little bit like an EEG but not

22

00:01:13,010 --> 00:01:11,250

for the brain instead for the world so I

23

00:01:19,160 --> 00:01:13,020

said why don't you call it an electro

24

00:01:21,499 --> 00:01:19,170

diagram AGG so it was called the egg

25

00:01:24,109 --> 00:01:21,509

project for a while and the devices are

26

00:01:27,770 --> 00:01:24,119

still called eggs that may show up in a

27

00:01:31,580 --> 00:01:27,780

slide or two here anyway a very brief

28

00:01:33,350 --> 00:01:31,590

introduction to what that does and then

29

00:01:36,289 --> 00:01:33,360

we'll get to what I think of is the meat

30

00:01:40,640 --> 00:01:36,299

of my talk today this is what the day

31

00:01:43,149 --> 00:01:40,650

look like there a trial every second

32

00:01:46,370 --> 00:01:43,159

where a trial is 200 flips of the

33

00:01:50,510 --> 00:01:46,380

digital coin in true random number

34

00:01:52,219 --> 00:01:50,520

generators and this as I think you

35

00:01:55,310 --> 00:01:52,229

probably all agree doesn't look exactly

36

00:01:57,980 --> 00:01:55,320

interpret well yeah but the question

37

00:02:02,660 --> 00:01:57,990

we're going to ask is is there structure

38

00:02:04,880 --> 00:02:02,670

in data like this and in particular is

39

00:02:06,980 --> 00:02:04,890

there structure when there's something

40

00:02:11,809 --> 00:02:06,990

going on in the world which brings

41

00:02:13,460 --> 00:02:11,819

people to a mass consciousness first I

42

00:02:13,740 --> 00:02:13,470

need to talk a little bit about how

43

00:02:17,850 --> 00:02:13,750

we've

44

00:02:21,350 --> 00:02:17,860

process the data this is now all of

45

00:02:25,980 --> 00:02:21,360

however many of these devices there are

46

00:02:29,070 --> 00:02:25,990

compounded into single points for each

47

00:02:33,060 --> 00:02:29,080

second there's a an average across all

48

00:02:35,070 --> 00:02:33,070

the devices for each second that's not

49

00:02:39,210 --> 00:02:35,080

yet what we need what we want is a

50

00:02:41,040 --> 00:02:39,220

variance measure how much - how much you

51
00:02:43,550 --> 00:02:41,050
know difference from expectation is

52
00:02:45,960 --> 00:02:43,560
there in any direction either direction

53
00:02:49,260 --> 00:02:45,970
that's still not very interpretive oh

54
00:02:52,140 --> 00:02:49,270
but there are small differences quite

55
00:02:56,520 --> 00:02:52,150
often between what's expected and what

56
00:02:58,229 --> 00:02:56,530
we actually have and we so I've

57
00:03:00,420 --> 00:02:58,239
amplified it here a little bit but you

58
00:03:03,720 --> 00:03:00,430
still can't see much structure if there

59
00:03:06,930 --> 00:03:03,730
is any so what we have done over the

60
00:03:08,960 --> 00:03:06,940
years is for most of the time created

61
00:03:12,660 --> 00:03:08,970
what was what's called a cumulative

62
00:03:15,720 --> 00:03:12,670
deviation graph just to show the history

63
00:03:18,240 --> 00:03:15,730

of deviations from expectation happened

64

00:03:20,400 --> 00:03:18,250

if the deviation is positive this trace

65

00:03:22,560 --> 00:03:20,410

goes up it was negative it goes down

66

00:03:27,360 --> 00:03:22,570

I'll show you a couple more pictures

67

00:03:30,030 --> 00:03:27,370

like that in some examples the protocol

68

00:03:32,940 --> 00:03:30,040

for the experiment has always been to

69

00:03:35,940 --> 00:03:32,950

identify an event it might be a positive

70

00:03:38,759 --> 00:03:35,950

event big celebration or might be a

71

00:03:40,530 --> 00:03:38,769

tragedy of some kind we specify the

72

00:03:43,560 --> 00:03:40,540

beginning of that event and the end of

73

00:03:45,990 --> 00:03:43,570

it and that and the corresponding data

74

00:03:48,930 --> 00:03:46,000

is what we look at and ask whether

75

00:03:53,850 --> 00:03:48,940

there's any structure so this is an

76

00:03:58,110 --> 00:03:53,860

example - a few years ago there were

77

00:04:00,330 --> 00:03:58,120

there was on September 21st which is has

78

00:04:03,150 --> 00:04:00,340

been for many years a day when people

79

00:04:05,430 --> 00:04:03,160

get together for peace marches and plant

80

00:04:08,400 --> 00:04:05,440

and but this one combined was combined

81

00:04:10,670 --> 00:04:08,410

also with attempts to make people think

82

00:04:13,800 --> 00:04:10,680

more clearly about climate change and

83

00:04:16,890 --> 00:04:13,810

there were 500,000 people in New York

84

00:04:18,479 --> 00:04:16,900

and probably similar to large numbers of

85

00:04:21,120 --> 00:04:18,489

people in most of the big cities so

86

00:04:22,700 --> 00:04:21,130

millions of people were paying attention

87

00:04:24,330 --> 00:04:22,710

to that

88

00:04:28,920 --> 00:04:24,340

[Music]

89

00:04:31,390 --> 00:04:28,930

bottom red trace is what an expected

90

00:04:35,770 --> 00:04:31,400

sequence of data from this network

91

00:04:39,330 --> 00:04:35,780

should look like big difference a couple

92

00:04:41,740 --> 00:04:39,340

more examples this one is one that

93

00:04:45,340 --> 00:04:41,750

people who pay attention to the global

94

00:04:49,570 --> 00:04:45,350

consciousness project often thing as the

95

00:04:50,410 --> 00:04:49,580

most impressive of them all and in some

96

00:04:54,640 --> 00:04:50,420

ways it is

97

00:04:58,030 --> 00:04:54,650

we made a prediction and set our data

98

00:05:01,240 --> 00:04:58,040

there are all that stuff for a four-hour

99

00:05:03,790 --> 00:05:01,250

Plus period it turns out that there was

100

00:05:06,670 --> 00:05:03,800

a big change in the day you can see it

101
00:05:09,940 --> 00:05:06,680
in the figure that went on for about

102
00:05:13,060 --> 00:05:09,950
and/or persisted for three days more or

103
00:05:17,680 --> 00:05:13,070
less we'll come back to that particular

104
00:05:20,980 --> 00:05:17,690
figure later we have tragedies occurring

105
00:05:27,760 --> 00:05:20,990
all the time and one of the hardest to

106
00:05:29,860 --> 00:05:27,770
understand is this mass murder tendency

107
00:05:32,700 --> 00:05:29,870
that we seem to have adopted it's like a

108
00:05:36,880 --> 00:05:32,710
virus that spread this is New Zealand

109
00:05:39,970 --> 00:05:36,890
only two months three months ago but we

110
00:05:43,240 --> 00:05:39,980
also as I said look at both negative and

111
00:05:48,180 --> 00:05:43,250
positive events this one represents the

112
00:05:52,180 --> 00:05:48,190
coup Mela which is a huge celebration of

113
00:05:54,430 --> 00:05:52,190

Hindu religion in India every few years

114

00:05:58,510 --> 00:05:54,440

it doesn't happen every year millions

115

00:06:01,150 --> 00:05:58,520

literally 10 20 30 million people

116

00:06:03,460 --> 00:06:01,160

according to what I read arrived in

117

00:06:06,090 --> 00:06:03,470

northern India and try to bathe away

118

00:06:09,640 --> 00:06:06,100

their sins in the Ganges this is a

119

00:06:11,590 --> 00:06:09,650

composite across four replications they

120

00:06:14,830 --> 00:06:11,600

all look rather like each other and the

121

00:06:16,780 --> 00:06:14,840

buildup of evidence that something is

122

00:06:18,430 --> 00:06:16,790

going on in other words that their

123

00:06:22,840 --> 00:06:18,440

structure and data it shouldn't have any

124

00:06:24,310 --> 00:06:22,850

it's pretty strong so going on to a kind

125

00:06:27,670 --> 00:06:24,320

of bottom line this is what the data

126

00:06:32,170 --> 00:06:27,680

look like when you just plot all the

127

00:06:35,470 --> 00:06:32,180

data all the Z scores for each of 500

128

00:06:37,090 --> 00:06:35,480

events as a scatterplot again

129

00:06:39,150 --> 00:06:37,100

it's not easy to make much sense of it

130

00:06:43,150 --> 00:06:39,160

but you probably can see there's a

131

00:06:45,460 --> 00:06:43,160

difference between two lines in the

132

00:06:49,900 --> 00:06:45,470

middle of that graph but we use this

133

00:06:51,880 --> 00:06:49,910

cumulative deviation tactic to make it a

134

00:06:54,310 --> 00:06:51,890

little more apparent what's actually

135

00:06:58,330 --> 00:06:54,320

going on again if the z-score is

136

00:07:00,430 --> 00:06:58,340

positive we plot it step up if it's

137

00:07:02,890 --> 00:07:00,440

negative a step down you can see that

138

00:07:05,980 --> 00:07:02,900

there are both negative and positive but

139

00:07:08,470 --> 00:07:05,990

something like 70% of the events go in

140

00:07:13,300 --> 00:07:08,480

the direction of our prediction and that

141

00:07:15,580 --> 00:07:13,310

builds up to the extraordinary piece of

142

00:07:19,240 --> 00:07:15,590

evidence statistically we have a seven

143

00:07:21,880 --> 00:07:19,250

sigma departure from expectation what

144

00:07:24,670 --> 00:07:21,890

people in the physical sciences think is

145

00:07:29,860 --> 00:07:24,680

good enough to say maybe so maybe there

146

00:07:32,590 --> 00:07:29,870

is some there there so given a kind of

147

00:07:36,370 --> 00:07:32,600

solid foundation that something is going

148

00:07:38,950 --> 00:07:36,380

on we can do a lot of different kinds of

149

00:07:40,600 --> 00:07:38,960

analysis we've done a lot of digging in

150

00:07:43,240 --> 00:07:40,610

the data see what kind of structure

151
00:07:45,580 --> 00:07:43,250
there might be beyond what we have

152
00:07:47,890 --> 00:07:45,590
predicted there would be and there are

153
00:07:50,770 --> 00:07:47,900
several kinds of things that happen

154
00:07:53,950 --> 00:07:50,780
there's a distance relationship there

155
00:07:55,450 --> 00:07:53,960
the kind of event matters the size of

156
00:07:59,310 --> 00:07:55,460
the event matters quite a few things

157
00:08:02,620 --> 00:07:59,320
like that but I want to talk about

158
00:08:04,780 --> 00:08:02,630
models because we have a lot of data

159
00:08:09,760 --> 00:08:04,790
because it's a solid foundation we can

160
00:08:14,770 --> 00:08:09,770
begin to test models against the data so

161
00:08:16,600 --> 00:08:14,780
there's the two that stand out one that

162
00:08:19,330 --> 00:08:16,610
I don't prefer is called goal

163
00:08:22,210 --> 00:08:19,340

orientation by some people or an

164

00:08:25,180 --> 00:08:22,220

experimenter effect and I'm my most of

165

00:08:27,580 --> 00:08:25,190

what I'm going to talk about from now is

166

00:08:30,010 --> 00:08:27,590

why I don't prefer that but instead

167

00:08:32,530 --> 00:08:30,020

think probably we're dealing with

168

00:08:36,130 --> 00:08:32,540

something that might be characterized

169

00:08:39,070 --> 00:08:36,140

just verbally in a hand-waving sense as

170

00:08:42,630 --> 00:08:39,080

a kind of information field or some kind

171

00:08:46,600 --> 00:08:42,640

of consciousness field something that is

172

00:08:47,810 --> 00:08:46,610

constructed out of all of our individual

173

00:08:50,660 --> 00:08:47,820

consciousness

174

00:08:53,030 --> 00:08:50,670

now coming together to become to produce

175

00:08:55,610 --> 00:08:53,040

they filled with sufficient information

176

00:08:58,070 --> 00:08:55,620

in it of the kind that can be absorbed

177

00:08:59,060 --> 00:08:58,080

into random systems that's as I said

178

00:08:59,990 --> 00:08:59,070

hand-waving

179

00:09:03,200 --> 00:09:00,000

we don't know how that would work

180

00:09:08,390 --> 00:09:03,210

exactly but what we can do is find out

181

00:09:10,010 --> 00:09:08,400

if the data are consistent with the

182

00:09:14,630 --> 00:09:10,020

things that have that a model like that

183

00:09:17,780 --> 00:09:14,640

would predict another version of this

184

00:09:20,270 --> 00:09:17,790

idea of a consciousness field in at

185

00:09:22,580 --> 00:09:20,280

least I think is something John Muir

186

00:09:25,090 --> 00:09:22,590

said a long time ago for those of you

187

00:09:28,790 --> 00:09:25,100

not recognize the name he's one of the

188

00:09:30,560 --> 00:09:28,800

greatest naturalist we've had he says

189

00:09:34,520 --> 00:09:30,570

when you try to pick out anything by

190

00:09:40,460 --> 00:09:34,530

itself we find it hitched to everything

191

00:09:43,310 --> 00:09:40,470

else in the universe so I'm going to

192

00:09:47,120 --> 00:09:43,320

focus on this model the role orientation

193

00:09:49,270 --> 00:09:47,130

model which is the work of Peter pencil

194

00:09:52,370 --> 00:09:49,280

a friend and colleague who's been doing

195

00:09:54,800 --> 00:09:52,380

a lot of the deeper analysis and the

196

00:09:57,380 --> 00:09:54,810

global consciousness data he tried for

197

00:09:59,540 --> 00:09:57,390

many years to show that a field model

198

00:10:02,750 --> 00:09:59,550

works very well and he found lots of

199

00:10:05,420 --> 00:10:02,760

reasons to say that was the case but at

200

00:10:08,740 --> 00:10:05,430

some point at some level he needed to be

201
00:10:13,220 --> 00:10:08,750
able to get through the protective

202
00:10:15,500 --> 00:10:13,230
logical stages that prevent biases from

203
00:10:16,940 --> 00:10:15,510
affecting our you know things like

204
00:10:20,920 --> 00:10:16,950
temperature change or like make

205
00:10:24,050 --> 00:10:20,930
electromagnetic fields how do you get a

206
00:10:25,460 --> 00:10:24,060
mentally induced bias into a system

207
00:10:27,410 --> 00:10:25,470
that's protected so completely you

208
00:10:29,990 --> 00:10:27,420
couldn't figure out how to do that so I

209
00:10:32,900 --> 00:10:30,000
switched to an allegiance to this

210
00:10:35,930 --> 00:10:32,910
different model an experimenter effect

211
00:10:38,240 --> 00:10:35,940
which means you select the right time to

212
00:10:42,010 --> 00:10:38,250
start your experiment it selects the

213
00:10:45,980 --> 00:10:42,020

right time to end it and thereby achieve

214

00:10:49,790 --> 00:10:45,990

the the production of a deviant sequence

215

00:10:51,650 --> 00:10:49,800

just of the sort you need he says that

216

00:10:53,990 --> 00:10:51,660

there's an implication if you do that

217

00:10:55,730 --> 00:10:54,000

I'll show you pictures that indicate

218

00:10:59,480 --> 00:10:55,740

better what the what we're talking about

219

00:11:00,100 --> 00:10:59,490

in a moment he's one of the implications

220

00:11:02,740 --> 00:11:00,110

it says

221

00:11:05,350 --> 00:11:02,750

is that while during the event we'll

222

00:11:08,550 --> 00:11:05,360

have positive trend in the data before

223

00:11:12,940 --> 00:11:08,560

the event will have a negative trend I

224

00:11:14,590 --> 00:11:12,950

think that actually is essentially the

225

00:11:16,810 --> 00:11:14,600

gamblers fallacy and I'm a little

226

00:11:19,690 --> 00:11:16,820

surprised and I talked to him about it

227

00:11:22,240 --> 00:11:19,700

how can you say that because these data

228

00:11:24,550 --> 00:11:22,250

these sequential trials are independent

229

00:11:26,980 --> 00:11:24,560

there is no reason whatever to expect

230

00:11:29,199 --> 00:11:26,990

that taking a positive segment out

231

00:11:32,949 --> 00:11:29,209

should cause the adjacent segment be

232

00:11:34,949 --> 00:11:32,959

negative but this is what the figures

233

00:11:39,009 --> 00:11:34,959

look like that you produce if you

234

00:11:42,880 --> 00:11:39,019

combine all events across the whole

235

00:11:46,509 --> 00:11:42,890

database of 500 or the short events only

236

00:11:49,150 --> 00:11:46,519

or longer events only these figures

237

00:11:52,030 --> 00:11:49,160

Peter says are consistent with the idea

238

00:11:56,920 --> 00:11:52,040

of this goal orientation but not with a

239

00:12:00,180 --> 00:11:56,930

field like model so that's one

240

00:12:02,230 --> 00:12:00,190

interpretation but as I mentioned I was

241

00:12:06,850 --> 00:12:02,240

thinking about this for quite a long

242

00:12:09,009 --> 00:12:06,860

time and I troubled me that there were

243

00:12:12,310 --> 00:12:09,019

so many inconsistencies for example not

244

00:12:15,460 --> 00:12:12,320

all of these in fact not even half of

245

00:12:19,240 --> 00:12:15,470

the short events that shows so nicely

246

00:12:22,389 --> 00:12:19,250

this negative positive negative trend

247

00:12:25,150 --> 00:12:22,399

that Peters talking about they're not

248

00:12:26,790 --> 00:12:25,160

all selected in this sense of somebody

249

00:12:29,980 --> 00:12:26,800

picking out the starting point because

250

00:12:32,530 --> 00:12:29,990

the starting point is used that was used

251
00:12:38,439 --> 00:12:32,540
before for the event like that eight

252
00:12:41,410 --> 00:12:38,449
years ago or five years ago so this was

253
00:12:43,780 --> 00:12:41,420
rattling around in my unconscious or

254
00:12:45,430 --> 00:12:43,790
subconscious for a long time and I

255
00:12:47,769 --> 00:12:45,440
finally had this sort of suddenly

256
00:12:52,000 --> 00:12:47,779
realization that this looked very much

257
00:12:54,189 --> 00:12:52,010
like something I had studied in graduate

258
00:12:56,650 --> 00:12:54,199
school it looked like brain evoked

259
00:12:59,590 --> 00:12:56,660
potentials only a little different

260
00:13:03,819 --> 00:12:59,600
because the kind of presentation using

261
00:13:05,800 --> 00:13:03,829
the the cumulative deviation trace it

262
00:13:07,150 --> 00:13:05,810
shows the structural right but it

263
00:13:09,730 --> 00:13:07,160

doesn't show it in the same way that

264

00:13:12,069 --> 00:13:09,740

brain evoked potentials do they

265

00:13:13,519 --> 00:13:12,079

typically show up whether it's a light

266

00:13:18,230 --> 00:13:13,529

flash causing

267

00:13:23,389 --> 00:13:18,240

tivity in your brain or sharp sound or

268

00:13:26,150 --> 00:13:23,399

maybe a decision those in brain science

269

00:13:28,879 --> 00:13:26,160

you can repeat the stimulus many times

270

00:13:31,220 --> 00:13:28,889

get lots of samples of this very noisy

271

00:13:32,389 --> 00:13:31,230

stuff so but when you put all the

272

00:13:37,519 --> 00:13:32,399

samples together you can get a

273

00:13:40,100 --> 00:13:37,529

reasonably readable curve so it l

274

00:13:44,119 --> 00:13:40,110

decided let's try that in the global

275

00:13:47,030 --> 00:13:44,129

consciousness data which is noisy in the

276
00:13:48,710 --> 00:13:47,040
same way but if we use smoothing we can

277
00:13:51,049 --> 00:13:48,720
gradually get to something that looks a

278
00:13:54,949 --> 00:13:51,059
little bit familiar relative to that

279
00:13:58,850 --> 00:13:54,959
last slide here is the all events graph

280
00:14:02,869 --> 00:13:58,860
from Peter Ben cells work and this is

281
00:14:05,780 --> 00:14:02,879
the same data set I converted their

282
00:14:07,939 --> 00:14:05,790
cumulative deviation back to raw data

283
00:14:10,369 --> 00:14:07,949
and did the smoothing and that's the

284
00:14:14,239 --> 00:14:10,379
picture you get which I think looks a

285
00:14:17,030 --> 00:14:14,249
little bit familiar a couple more

286
00:14:19,280 --> 00:14:17,040
examples this is the shorty bench the

287
00:14:23,360 --> 00:14:19,290
strongest case front for this goal

288
00:14:26,629 --> 00:14:23,370

orientation model and if you take that

289

00:14:29,869 --> 00:14:26,639

apart and plot the smooth raw data again

290

00:14:34,999 --> 00:14:29,879

you get this trace that looks a lot like

291

00:14:37,819 --> 00:14:35,009

an and invoke potential to me there's

292

00:14:42,590 --> 00:14:37,829

just a randomly chosen arbitrarily

293

00:14:45,559 --> 00:14:42,600

chosen example I also took all the

294

00:14:51,170 --> 00:14:45,569

events that I thought really ought to be

295

00:14:53,509 --> 00:14:51,180

good cases and put them together in the

296

00:14:55,540 --> 00:14:53,519

same way that Peter had the all of the

297

00:14:58,030 --> 00:14:55,550

short events these are this is all the

298

00:15:00,559 --> 00:14:58,040

six-hour events and one thing you might

299

00:15:04,100 --> 00:15:00,569

immediately notice is there isn't any

300

00:15:07,160 --> 00:15:04,110

negative trends before or after the

301
00:15:09,590 --> 00:15:07,170
moment when the the segment of data

302
00:15:11,780 --> 00:15:09,600
which is corresponds to the events that

303
00:15:16,189 --> 00:15:11,790
actually showed some rather strong

304
00:15:19,759 --> 00:15:16,199
effect the raw data from this when

305
00:15:22,879 --> 00:15:19,769
trance transformed by the smoothing

306
00:15:25,250 --> 00:15:22,889
algorithms again looks rather like some

307
00:15:32,840 --> 00:15:25,260
sort of global

308
00:15:35,820 --> 00:15:32,850
brain evoked response one more example

309
00:15:37,019 --> 00:15:35,830
9/11 produced such a strong and clear

310
00:15:40,350 --> 00:15:37,029
trace

311
00:15:43,440 --> 00:15:40,360
that's a nine day period with 9/11 right

312
00:15:47,490 --> 00:15:43,450
in the middle and I decided to pull the

313
00:15:52,920 --> 00:15:47,500

raw data for that and do this movie and

314

00:15:55,320 --> 00:15:52,930

we see once again a close resemblance

315

00:15:58,620 --> 00:15:55,330

for the kind of things that we get from

316

00:16:01,140 --> 00:15:58,630

brain science here's a carefully

317

00:16:04,350 --> 00:16:01,150

selected version that happens to have

318

00:16:07,200 --> 00:16:04,360

almost exactly the same shape but this

319

00:16:10,620 --> 00:16:07,210

is interesting this is a contingent

320

00:16:15,090 --> 00:16:10,630

negative variation which is produced in

321

00:16:18,480 --> 00:16:15,100

US and used to examine the possibility

322

00:16:21,090 --> 00:16:18,490

that something is going on that amounts

323

00:16:23,250 --> 00:16:21,100

for brain response before the event that

324

00:16:25,560 --> 00:16:23,260

it anomaly refers to this is

325

00:16:28,260 --> 00:16:25,570

decision-making the brain starts

326

00:16:31,230 --> 00:16:28,270

producing some signals that sort of

327

00:16:33,240 --> 00:16:31,240

become the decision-making signal before

328

00:16:38,730 --> 00:16:33,250

the person is conscious of their just

329

00:16:41,940 --> 00:16:38,740

decision so I think that there is huge

330

00:16:44,850 --> 00:16:41,950

power in Concilium and John Herschel

331

00:16:46,699 --> 00:16:44,860

this is an eighteen thirty said

332

00:16:48,810 --> 00:16:46,709

something that was very similar to

333

00:16:52,320 --> 00:16:48,820

something I've heard two or three times

334

00:16:55,440 --> 00:16:52,330

at this meeting he said the surest and

335

00:16:57,810 --> 00:16:55,450

best characteristic of a well founded an

336

00:17:00,329 --> 00:16:57,820

extensive induction is when

337

00:17:03,449 --> 00:17:00,339

verifications of his spring up as it

338

00:17:05,250 --> 00:17:03,459

were spontaneously into notice from

339

00:17:07,949 --> 00:17:05,260

quarters where they might least be

340

00:17:10,819 --> 00:17:07,959

expected evidence of this kind is

341

00:17:13,230 --> 00:17:10,829

irresistible and compels assent with a

342

00:17:17,270 --> 00:17:13,240

weight that's scarcely any other

343

00:17:22,010 --> 00:17:17,280

produces so I think that's Concilium

344

00:17:28,640 --> 00:17:26,929

I should mention that if you're

345

00:17:32,060 --> 00:17:28,650

interested in more of the details there

346

00:17:34,250 --> 00:17:32,070

are two books available one in German my

347

00:17:38,270 --> 00:17:34,260

co-author your Kindle and I produced

348

00:17:43,070 --> 00:17:38,280

this book last year dead guys means the

349

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

world spirit and subtitle says wait how

350

00:17:51,140 --> 00:17:45,390

we are all interconnected with each

351
00:17:55,490 --> 00:17:51,150
other the connected is was produced only

352
00:17:57,500 --> 00:17:55,500
in March and that is the subtitle of

353
00:18:01,930 --> 00:17:57,510
that is the emergence of global

354
00:18:05,299 --> 00:18:01,940
consciousness thanks Roger

355
00:18:07,340 --> 00:18:05,309
somewhat a tangent of part of what you

356
00:18:10,040 --> 00:18:07,350
were showing you talked about the mass

357
00:18:12,200 --> 00:18:10,050
shootings and constantly every afraid do

358
00:18:13,610 --> 00:18:12,210
you see that I mean we there's news

359
00:18:15,169 --> 00:18:13,620
reports that we've become immune to all

360
00:18:17,450 --> 00:18:15,179
these mass shootings in the u.s. do you

361
00:18:22,460 --> 00:18:17,460
see a reduction in this effect with mass

362
00:18:25,669 --> 00:18:22,470
shootings over over the years I have not

363
00:18:28,460 --> 00:18:25,679

seen that yet but I did see that in

364

00:18:29,540 --> 00:18:28,470

terrorist attacks during the period of

365

00:18:35,750 --> 00:18:29,550

the Iraq war

366

00:18:38,590 --> 00:18:35,760

at first they when some some terrorist

367

00:18:42,530 --> 00:18:38,600

attack killed a couple hundred people

368

00:18:45,880 --> 00:18:42,540

the GCP would respond gradually it

369

00:18:48,560 --> 00:18:45,890

became kind of a nerd I think and

370

00:18:52,880 --> 00:18:48,570

responded maybe a little bit but no

371

00:18:55,880 --> 00:18:52,890

longer so strongly it's an interesting

372

00:18:57,860 --> 00:18:55,890

idea the only problem I see that you you

373

00:19:00,350 --> 00:18:57,870

had events and they're not all the same

374

00:19:02,299 --> 00:19:00,360

events you know I was thinking what

375

00:19:04,190 --> 00:19:02,309

could we use because you wanted

376

00:19:06,680 --> 00:19:04,200

something same event that repeats all

377

00:19:09,500 --> 00:19:06,690

the time our president likes to tweet

378

00:19:14,810 --> 00:19:09,510

all the time why don't you use him as

379

00:19:18,049 --> 00:19:14,820

the sync signals for you're averaging if

380

00:19:24,289 --> 00:19:18,059

the Jeezy could tweet they would say no

381

00:19:29,360 --> 00:19:26,600

I came up here really with three

382

00:19:34,240 --> 00:19:29,370

comments Roger beat me to one of them I

383

00:19:37,430 --> 00:19:34,250

wanted to put out a plug for connected

384

00:19:40,250 --> 00:19:37,440

that connected was published by our IC

385

00:19:44,600 --> 00:19:40,260

RL press and it's gotten great reviews

386

00:19:48,260 --> 00:19:44,610

and I was the editor for it and I think

387

00:19:50,720 --> 00:19:48,270

it's a fantastic book so check it out

388

00:19:53,710 --> 00:19:50,730

and it's got more information about the

389

00:19:59,149 --> 00:19:53,720

Rogers program than you can imagine

390

00:20:02,000 --> 00:19:59,159

second point was just an addendum that I

391

00:20:05,090 --> 00:20:02,010

think that the folks in sse might

392

00:20:08,270 --> 00:20:05,100

appreciate was that one of the events

393

00:20:11,779 --> 00:20:08,280

that roger recorded that had a very

394

00:20:16,070 --> 00:20:11,789

strong effect was the time of bob jones

395

00:20:18,409 --> 00:20:16,080

passing which was I think what was it

396

00:20:23,419 --> 00:20:18,419

about three or four standard deviation

397

00:20:24,980 --> 00:20:23,429

was big yes this mean this is one of

398

00:20:27,560 --> 00:20:24,990

those kinds of things where there's no

399

00:20:29,930 --> 00:20:27,570

selection done we know when Bob passed

400

00:20:31,880 --> 00:20:29,940

so it's possible to take the data that

401
00:20:34,669 --> 00:20:31,890
in the same way that we've done for

402
00:20:38,240 --> 00:20:34,679
other people like Nelson Mandela same

403
00:20:42,110 --> 00:20:38,250
kind of curve it's kind of surprising

404
00:20:42,549 --> 00:20:42,120
it's a global event in some way I think

405
00:20:45,680 --> 00:20:42,559
so

406
00:20:47,299 --> 00:20:45,690
but my third observation is just to

407
00:20:50,419 --> 00:20:47,309
point out something that you are of

408
00:20:53,930 --> 00:20:50,429
course familiar with with regard to the

409
00:20:56,659 --> 00:20:53,940
vote potential pattern as you know we

410
00:20:59,060 --> 00:20:56,669
saw a very similar pattern that we

411
00:21:01,940 --> 00:20:59,070
called series position effects in the

412
00:21:05,840 --> 00:21:01,950
pair data across all the experiments

413
00:21:08,539 --> 00:21:05,850

that we did that produced results same

414

00:21:11,600 --> 00:21:08,549

sort of initial strong effect that then

415

00:21:15,409 --> 00:21:11,610

dropped off and then gradually tapered

416

00:21:18,080 --> 00:21:15,419

or you know recovered close to baseline

417

00:21:20,770 --> 00:21:18,090

although a little bit above but that

418

00:21:21,950 --> 00:21:20,780

that's just one other example of that

419

00:21:25,100 --> 00:21:21,960

thank you

420

00:21:26,840 --> 00:21:25,110

I I really believe that I mean I didn't

421

00:21:29,480 --> 00:21:26,850

know what Concilium meant when I saw the

422

00:21:31,210 --> 00:21:29,490

word so of course I had to look it up I

423

00:21:35,590 --> 00:21:31,220

bet most of us did

424

00:21:38,610 --> 00:21:35,600

but I I am now persuaded that we should

425

00:21:41,350 --> 00:21:38,620

pay attention when a word signals

426
00:21:44,530 --> 00:21:41,360
connection between things that otherwise

427
00:21:46,480 --> 00:21:44,540
would remain unconnected Roger I think

428
00:21:47,920 --> 00:21:46,490
what you're presenting is compelling

429
00:21:52,120 --> 00:21:47,930
that this really is a global

430
00:21:55,270 --> 00:21:52,130
consciousness effect but there but there

431
00:21:57,670 --> 00:21:55,280
is not a conflict between goal oriented

432
00:22:02,410 --> 00:21:57,680
approach and a global consciousness

433
00:22:05,980 --> 00:22:02,420
approach because you are programming the

434
00:22:08,650 --> 00:22:05,990
whole network with your mind to react to

435
00:22:10,570 --> 00:22:08,660
the global consciousness and I discussed

436
00:22:13,120 --> 00:22:10,580
this in detail last year in my

437
00:22:15,550 --> 00:22:13,130
presentation on psychotics and I believe

438
00:22:17,770 --> 00:22:15,560

you've created a large cybot ik system

439

00:22:21,370 --> 00:22:17,780

that actually is a global consciousness

440

00:22:23,700 --> 00:22:21,380

effect but there are conflicts if you

441

00:22:27,970 --> 00:22:23,710

look at it as being purely mechanistic

442

00:22:31,300 --> 00:22:27,980

so I leave it at that right yes I thank

443

00:22:33,760 --> 00:22:31,310

you I agree and I'm not alone by any

444

00:22:36,640 --> 00:22:33,770

means thinking nor that nor the two of

445

00:22:39,280 --> 00:22:36,650

us thinking that there is a kind of I

446

00:22:41,050 --> 00:22:39,290

think Stefan Schwartz may have come up

447

00:22:44,320 --> 00:22:41,060

with this particular term but I like it

448

00:22:46,780 --> 00:22:44,330

an intention contract that we make as

449

00:22:49,720 --> 00:22:46,790

experimenters between what we're

450

00:22:52,240 --> 00:22:49,730

interested in and the device the system

451
00:22:58,600 --> 00:22:52,250
the tools that we will use to try to

452
00:23:02,980 --> 00:22:58,610
learn something about that this is

453
00:23:05,440 --> 00:23:02,990
actually not a a technical comment I was

454
00:23:07,390 --> 00:23:05,450
somewhat startled since of course I knew

455
00:23:10,080 --> 00:23:07,400
about connected and I knew perfectly

456
00:23:13,450 --> 00:23:10,090
well it had been produced by IC RL press

457
00:23:16,240 --> 00:23:13,460
I'm wondering why the URL up there is

458
00:23:19,480 --> 00:23:16,250
Book Depository calm rather than IC RL

459
00:23:22,660 --> 00:23:19,490
org I only had 20 minutes so I thought I

460
00:23:25,690 --> 00:23:22,670
can't say Amazon and Barnes & Noble also

461
00:23:27,250 --> 00:23:25,700
but yes it's much for people in this

462
00:23:30,430 --> 00:23:27,260
country it's easily available at

463
00:23:33,550 --> 00:23:30,440

amazon.com or Barnes and noble.com

464

00:23:35,410 --> 00:23:33,560

but for people in Europe who want to

465

00:23:38,680 --> 00:23:35,420

order this book it turns out Amazon does

466

00:23:43,220 --> 00:23:38,690

not ship will not ship so you this

467

00:23:45,710 --> 00:23:43,230

company ships for a price that includes

468

00:23:51,340 --> 00:23:45,720

being of course a little more than that