
Hilton
Washington DC/Rockville
Executive Meeting Center

1
00:00:07,909 --> 00:00:04,579
I want to talk about the same project

2
00:00:09,950 --> 00:00:07,919
global consciousness project I've talked

3
00:00:13,009 --> 00:00:09,960
about before here a number of times but

4
00:00:16,550 --> 00:00:13,019
very quickly go through the beginnings

5
00:00:21,410 --> 00:00:16,560
of and the description of the project

6
00:00:24,320 --> 00:00:21,420
and then worked toward something like

7
00:00:26,839 --> 00:00:24,330
modeling and theory even though I'm not

8
00:00:28,060 --> 00:00:26,849
a theorist I do think about those things

9
00:00:31,519 --> 00:00:28,070
quite a bit

10
00:00:33,170 --> 00:00:31,529
this is a picture of the gathering in

11
00:00:35,720 --> 00:00:33,180
New York I think there were about half a

12
00:00:40,610 --> 00:00:35,730
million people last September on Earth

13
00:00:45,920 --> 00:00:40,620

Day with a focus on the climate changes

14
00:00:47,479 --> 00:00:45,930
and so forth and I thought this is a

15
00:00:50,600 --> 00:00:47,489
kind of advance that we call a global

16
00:00:55,119 --> 00:00:50,610
event could we possibly capture a

17
00:00:59,689 --> 00:00:55,129
picture somehow of this the intense

18
00:01:03,500 --> 00:00:59,699
emotion and interest and shared ideas of

19
00:01:08,300 --> 00:01:03,510
this gathering in New York that's a

20
00:01:11,929 --> 00:01:08,310
picture of data which ought to run on a

21
00:01:17,420 --> 00:01:11,939
kind of level whoops halves at fingers

22
00:01:19,399 --> 00:01:17,430
like everybody else anyway

23
00:01:23,530 --> 00:01:19,409
the data should run level but they

24
00:01:27,289 --> 00:01:23,540
actually are way out of line so to speak

25
00:01:29,600 --> 00:01:27,299
so I'm thinking to what we're trying to

26
00:01:33,410 --> 00:01:29,610
do is build a science that can actually

27
00:01:36,109 --> 00:01:33,420
allow us to capture some aspect of human

28
00:01:40,609 --> 00:01:36,119
consciousness in a way that we might

29
00:01:43,130 --> 00:01:40,619
even call quantitative we began thinking

30
00:01:45,410 --> 00:01:43,140
about these things at least I did in the

31
00:01:47,510 --> 00:01:45,420
pair lab with experiment where people

32
00:01:53,060 --> 00:01:47,520
tried to change the behavior of a

33
00:01:56,120 --> 00:01:53,070
machine with intention no wires no

34
00:01:59,300 --> 00:01:56,130
buttons we found a significant effect

35
00:02:02,480 --> 00:01:59,310
when we asked people to get high numbers

36
00:02:04,999 --> 00:02:02,490
versus low numbers so they produce

37
00:02:07,300 --> 00:02:05,009
something that would wind up being

38
00:02:10,249 --> 00:02:07,310

rather far in the high direction

39
00:02:11,850 --> 00:02:10,259
relative to what was expected similarly

40
00:02:14,750 --> 00:02:11,860
for the low numbers

41
00:02:19,740 --> 00:02:14,760
pretty successful highly significant

42
00:02:21,180 --> 00:02:19,750
differences the next step in the

43
00:02:23,460 --> 00:02:21,190
progression toward something like

44
00:02:26,090 --> 00:02:23,470
gathering information about global

45
00:02:29,520 --> 00:02:26,100
consciousness was to go outside the lab

46
00:02:33,000 --> 00:02:29,530
and to do what we called field rake or

47
00:02:35,310 --> 00:02:33,010
appealed our AG experiments we by this

48
00:02:38,840 --> 00:02:35,320
time benefited from a miniaturization of

49
00:02:42,900 --> 00:02:38,850
electronics to the point where you could

50
00:02:46,140 --> 00:02:42,910
put a random number generator on a

51
00:02:49,020 --> 00:02:46,150
palmtop computer or laptop and easily

52
00:02:51,120 --> 00:02:49,030
carry it wherever we wanted to go the

53
00:02:53,970 --> 00:02:51,130
software would record the data

54
00:02:56,640 --> 00:02:53,980
continuously and then you could press a

55
00:02:59,070 --> 00:02:56,650
button to mark the beginning and the end

56
00:03:01,860 --> 00:02:59,080
of an interesting period of time and

57
00:03:05,420 --> 00:03:01,870
here are a couple of examples and on the

58
00:03:09,990 --> 00:03:05,430
Left we have a visit with a small group

59
00:03:12,870 --> 00:03:10,000
to Devil's Tower accompanied by a Native

60
00:03:14,850 --> 00:03:12,880
American shaman the Shoshone whose

61
00:03:17,090 --> 00:03:14,860
personal mission was to heal these

62
00:03:19,500 --> 00:03:17,100
sacred sites that have been kind of

63
00:03:22,229 --> 00:03:19,510

desecrated in some sense by careless

64
00:03:23,789 --> 00:03:22,239
thoughtless people he didn't understand

65
00:03:25,920 --> 00:03:23,799
what we were doing but when I showed him

66
00:03:29,610 --> 00:03:25,930
that graph he said I think I get the

67
00:03:31,770 --> 00:03:29,620
idea because he could see that data line

68
00:03:36,120 --> 00:03:31,780
wasn't going down the middle it was off

69
00:03:39,870 --> 00:03:36,130
the scale and went to Egypt with a group

70
00:03:42,199 --> 00:03:39,880
of 19 people who were pretty very much

71
00:03:45,539 --> 00:03:42,209
interested in the ancient religion and

72
00:03:47,670 --> 00:03:45,549
spiritual tradition and so forth and we

73
00:03:50,160 --> 00:03:47,680
went to all of the temples we could the

74
00:03:53,550 --> 00:03:50,170
ruins and we also went into the Great

75
00:03:56,520 --> 00:03:53,560
Pyramid and this figure shows in the

76
00:04:00,600 --> 00:03:56,530
first segment our group entering the

77
00:04:02,250 --> 00:04:00,610
pyramid and if you look at the trend

78
00:04:05,070 --> 00:04:02,260
there there isn't a trend that's just

79
00:04:07,069 --> 00:04:05,080
level not interesting yet but the next

80
00:04:11,569 --> 00:04:07,079
segment has us in the Queen's Chamber

81
00:04:14,550 --> 00:04:11,579
doing meditations and chanting and

82
00:04:17,069 --> 00:04:14,560
following that the Grand Gallery which

83
00:04:18,780 --> 00:04:17,079
is a fantastic place if you have a

84
00:04:21,300 --> 00:04:18,790
chance to be in Egypt

85
00:04:24,780 --> 00:04:21,310
and visit the interior of the Great

86
00:04:26,910 --> 00:04:24,790
Pyramid I'd say check that out it's my

87
00:04:29,090 --> 00:04:26,920
favorite place that led to the King's

88
00:04:31,410 --> 00:04:29,100

Chamber where we did a couple of long

89
00:04:34,110 --> 00:04:31,420
meditations in these two segments here

90
00:04:36,480 --> 00:04:34,120
and then this last part is everybody's

91
00:04:39,840 --> 00:04:36,490
splitting up no longer a group no longer

92
00:04:43,770 --> 00:04:39,850
working together in any case we think

93
00:04:45,870 --> 00:04:43,780
that the field re G protocol showed us

94
00:04:48,270 --> 00:04:45,880
lots of evidence that group

95
00:04:51,090 --> 00:04:48,280
consciousness it is a kind of natural

96
00:04:53,190 --> 00:04:51,100
thing normally we don't really notice it

97
00:04:55,560 --> 00:04:53,200
because when you're in it you can't

98
00:04:58,950 --> 00:04:55,570
really be observing it very well some

99
00:05:03,300 --> 00:04:58,960
examples we think about group residence

100
00:05:06,600 --> 00:05:03,310
afterwards and we call a great meeting

101
00:05:09,180 --> 00:05:06,610
or an engaging talk that but only

102
00:05:12,060 --> 00:05:09,190
afterwards during the event we're

103
00:05:14,430 --> 00:05:12,070
engaged so those are a variety of

104
00:05:17,790 --> 00:05:14,440
experiment experiences that we could

105
00:05:19,740 --> 00:05:17,800
think of as group consciousness the next

106
00:05:24,420 --> 00:05:19,750
step toward the global consciousness

107
00:05:28,680 --> 00:05:24,430
project is to consider what we learn

108
00:05:30,660 --> 00:05:28,690
from 12 years of intention experiments

109
00:05:34,260 --> 00:05:30,670
and another several years of field

110
00:05:35,940 --> 00:05:34,270
experiments leading to lots of other

111
00:05:39,240 --> 00:05:35,950
kinds of questions what if you have two

112
00:05:41,040 --> 00:05:39,250
or more random number generators what if

113
00:05:45,300 --> 00:05:41,050

they're further away what if they're

114
00:05:48,120 --> 00:05:45,310
remotely located so we build a network

115
00:05:51,090 --> 00:05:48,130
to answer a question like this could we

116
00:05:52,500 --> 00:05:51,100
possibly capture something that you

117
00:05:55,470 --> 00:05:52,510
could think of as global consciousness

118
00:05:57,690 --> 00:05:55,480
using the same technology that's what we

119
00:06:01,110 --> 00:05:57,700
tried to do first with some prototypes

120
00:06:06,950 --> 00:06:01,120
this is the data from Princess Diana's

121
00:06:15,770 --> 00:06:11,460
pseudo-random traces it's not off the

122
00:06:18,750 --> 00:06:15,780
scale hugely but it's very was very

123
00:06:23,090 --> 00:06:18,760
encouraging so we proceeded to build a

124
00:06:27,600 --> 00:06:23,100
network that was intended to take data

125
00:06:29,850 --> 00:06:27,610
every second every day over years and in

126
00:06:30,399 --> 00:06:29,860
fact we've now been running this network

127
00:06:32,229 --> 00:06:30,409
which

128
00:06:38,589 --> 00:06:32,239
as a kind of instrument for looking at

129
00:06:40,329 --> 00:06:38,599
global consciousness for 1517 years if

130
00:06:46,389 --> 00:06:40,339
you want to get more detailed by the way

131
00:06:54,269 --> 00:06:46,399
the the best fastest address is global -

132
00:06:57,639 --> 00:06:54,279
mind org this our basic hypothesis is a

133
00:06:59,829 --> 00:06:57,649
overarching hypothesis is a kind of

134
00:07:01,089 --> 00:06:59,839
operational definition of what we're

135
00:07:02,859 --> 00:07:01,099
talking about when I say global

136
00:07:06,279 --> 00:07:02,869
consciousness who knows if there really

137
00:07:11,139 --> 00:07:06,289
is such a thing but what we are trying

138
00:07:14,499 --> 00:07:11,149

to do is repeatedly ask a question that

139
00:07:16,829 --> 00:07:14,509
will allow us altima to say yea or nay

140
00:07:19,629 --> 00:07:16,839
about an idea like this eventually

141
00:07:22,449 --> 00:07:19,639
attention and emotion shared by people

142
00:07:25,869 --> 00:07:22,459
all around the world will correlate with

143
00:07:28,979 --> 00:07:25,879
changes in our data from this network of

144
00:07:33,309 --> 00:07:28,989
random number generators and what we do

145
00:07:36,040 --> 00:07:33,319
to test this is individual experiments

146
00:07:39,429 --> 00:07:36,050
that are each very specific their

147
00:07:41,049 --> 00:07:39,439
beginning is identified the end is

148
00:07:45,269 --> 00:07:41,059
identified of a period of time during

149
00:07:48,459 --> 00:07:45,279
which we're going to test the data and

150
00:07:50,919 --> 00:07:48,469
what what we know from the statistics is

151
00:07:53,859 --> 00:07:50,929
that this the result should be if we

152
00:07:56,109 --> 00:07:53,869
picture it ran the walk but it very

153
00:07:59,379 --> 00:07:56,119
often is not a random walk the random

154
00:08:01,779 --> 00:07:59,389
walk would have a horizontal trend this

155
00:08:03,669 --> 00:08:01,789
is a good example I'll show you some bad

156
00:08:08,290 --> 00:08:03,679
examples to where we don't we don't

157
00:08:10,899 --> 00:08:08,300
always win about 70% of the time however

158
00:08:12,909 --> 00:08:10,909
we win in the sense that the data go in

159
00:08:16,959 --> 00:08:12,919
the direction we predict which is upward

160
00:08:19,059 --> 00:08:16,969
and this kind of graph and about 20% at

161
00:08:21,759 --> 00:08:19,069
a time or a little bit less than that

162
00:08:24,029 --> 00:08:21,769
it may be statistically significant by

163
00:08:30,659 --> 00:08:24,039

the normal 5% criterion

164
00:08:33,790 --> 00:08:30,669
so we've now collected nearly 500 events

165
00:08:37,449 --> 00:08:33,800
looking at disasters of various kind

166
00:08:39,730 --> 00:08:37,459
natural and human-caused acts of war and

167
00:08:41,009 --> 00:08:39,740
but also celebrations pleasant kinds of

168
00:08:45,370 --> 00:08:41,019
events

169
00:08:47,800 --> 00:08:45,380
here's a example of that everybody has

170
00:08:51,250 --> 00:08:47,810
probably seen if you've seen any of my

171
00:08:57,910 --> 00:08:51,260
talk but it was definitely an example of

172
00:09:02,590 --> 00:08:57,920
the world gathering around an event and

173
00:09:05,620 --> 00:09:02,600
peeling deep strong shared emotion again

174
00:09:08,980 --> 00:09:05,630
by now you know the data should be

175
00:09:10,960 --> 00:09:08,990
running level but for about two days the

176
00:09:13,960 --> 00:09:10,970
data were definitely not running the way

177
00:09:15,460 --> 00:09:13,970
random data should we looked at this in

178
00:09:17,939 --> 00:09:15,470
a variety of different ways there's a

179
00:09:21,069 --> 00:09:17,949
different kind of analysis that look

180
00:09:23,199 --> 00:09:21,079
instead of at what you might think of as

181
00:09:27,850 --> 00:09:23,209
a mean shift this is a variance change

182
00:09:30,819 --> 00:09:27,860
and it also spikes hugely around on that

183
00:09:36,240 --> 00:09:30,829
day unfortunately there are lots and

184
00:09:39,879 --> 00:09:36,250
lots of examples of terrorists or

185
00:09:42,490 --> 00:09:39,889
human-caused disasters I'll just run

186
00:09:44,500 --> 00:09:42,500
through a bunch of them there are some

187
00:09:46,329 --> 00:09:44,510
that go completely in the opposite

188
00:09:49,840 --> 00:09:46,339

direction of what we expect that counts

189
00:09:51,879 --> 00:09:49,850
against our bottom line but it is a

190
00:09:56,620 --> 00:09:51,889
formal event so it is part of the

191
00:10:00,250 --> 00:09:56,630
database and in the long run it turns

192
00:10:03,370 --> 00:10:00,260
out that we have far more of the kind

193
00:10:07,300 --> 00:10:03,380
that that match our prediction than

194
00:10:11,410 --> 00:10:07,310
otherwise fortunately there are some

195
00:10:13,210 --> 00:10:11,420
other kinds of things that we can can

196
00:10:16,660 --> 00:10:13,220
look at in the world positive events

197
00:10:19,000 --> 00:10:16,670
this one is really to my mind very

198
00:10:23,710 --> 00:10:19,010
interesting when this is the coup Mela

199
00:10:25,420 --> 00:10:23,720
which happens in India there's a two

200
00:10:28,540 --> 00:10:25,430
versions of it

201
00:10:31,150 --> 00:10:28,550
the really large-scale one is every 12

202
00:10:32,980 --> 00:10:31,160
years or something like that but there's

203
00:10:35,460 --> 00:10:32,990
one every there there are some in

204
00:10:39,790 --> 00:10:35,470
between and we've looked at this now

205
00:10:42,579 --> 00:10:39,800
three times and if you if this

206
00:10:44,530 --> 00:10:42,589
transparency kind of works you can see

207
00:10:46,930 --> 00:10:44,540
that there's so much similarity from one

208
00:10:49,319 --> 00:10:46,940
to another that we could say maybe that

209
00:10:52,289 --> 00:10:49,329
is the result of 20 million people

210
00:10:54,780 --> 00:10:52,299
together to do something they really

211
00:10:56,549 --> 00:10:54,790
feel is important we also look at new

212
00:10:59,879 --> 00:10:56,559
years every year and we look at a couple

213
00:11:03,629 --> 00:10:59,889

different ways one of them is by looking

214
00:11:05,970 --> 00:11:03,639
at the variance of all of our data at

215
00:11:07,979 --> 00:11:05,980
which we predict will drop down while

216
00:11:12,749 --> 00:11:07,989
people are beginning to focus on

217
00:11:15,090 --> 00:11:12,759
midnight and that we use a signal

218
00:11:17,400 --> 00:11:15,100
averaging to look at all the timezone

219
00:11:19,919 --> 00:11:17,410
and so forth and this is a selected

220
00:11:22,439 --> 00:11:19,929
example that is like a kind of perfect

221
00:11:24,389 --> 00:11:22,449
demonstration of how the data should

222
00:11:26,249 --> 00:11:24,399
look when it confirms our hypothesis

223
00:11:29,519 --> 00:11:26,259
there are some years where it doesn't do

224
00:11:33,840 --> 00:11:29,529
that but overall this analysis shows a

225
00:11:38,249 --> 00:11:33,850
significant deviation one year after

226
00:11:41,059 --> 00:11:38,259
another we also have lots of organized

227
00:11:43,590 --> 00:11:41,069
things in the world most of you either

228
00:11:46,710 --> 00:11:43,600
have a tender or at least know about

229
00:11:48,389 --> 00:11:46,720
some kind of event you could go to like

230
00:11:50,789 --> 00:11:48,399
that piece

231
00:11:53,429 --> 00:11:50,799
climate change gathering in New York

232
00:11:57,629 --> 00:11:53,439
that I showed as a first slide we do

233
00:12:01,769 --> 00:11:57,639
this every year in September September

234
00:12:05,340 --> 00:12:01,779
21st this is a good example of data that

235
00:12:08,069 --> 00:12:05,350
don't confirm the hypothesis but most of

236
00:12:10,949 --> 00:12:08,079
the examples do confirm that hypothesis

237
00:12:16,530 --> 00:12:10,959
this is year after year of the

238
00:12:22,309 --> 00:12:16,540

International Day of Peace one of my

239
00:12:25,409 --> 00:12:22,319
colleagues decided to put together a

240
00:12:29,100 --> 00:12:25,419
compilation of all the events that have

241
00:12:31,829 --> 00:12:29,110
people either meditating or praying or

242
00:12:34,859 --> 00:12:31,839
marching for something like a brighter

243
00:12:37,679 --> 00:12:34,869
future and he called it a global harmony

244
00:12:40,889 --> 00:12:37,689
and this is a picture of something like

245
00:12:43,590 --> 00:12:40,899
a hundred events selected from the

246
00:12:46,679 --> 00:12:43,600
database all of which sort of matched

247
00:12:50,090 --> 00:12:46,689
this idea that we should and a lot of

248
00:12:52,559 --> 00:12:50,100
people do work toward a global harmony

249
00:12:54,840 --> 00:12:52,569
name is Brian Williams he I think he's a

250
00:12:58,680 --> 00:12:54,850
member of ss he and hope you might be

251
00:13:05,110 --> 00:13:02,290
so the bottom line of the data from this

252
00:13:08,560 --> 00:13:05,120
experiment is can be shown in a scatter

253
00:13:10,990 --> 00:13:08,570
plot this might not look very impressive

254
00:13:14,170 --> 00:13:11,000
but there is a small difference between

255
00:13:18,040 --> 00:13:14,180
the expected dotted dark line black line

256
00:13:20,170 --> 00:13:18,050
and this blue line which is the average

257
00:13:22,720 --> 00:13:20,180
of all of the events that we've looked

258
00:13:25,200 --> 00:13:22,730
at so far it's only one-third of a

259
00:13:27,850 --> 00:13:25,210
standard deviation away from the

260
00:13:32,290 --> 00:13:27,860
predicted or expected value for random

261
00:13:36,450 --> 00:13:32,300
data but because there are 491 events

262
00:13:41,320 --> 00:13:36,460
that the composite across all of those

263
00:13:44,800 --> 00:13:41,330

those individual samples has a z score

264
00:13:47,680 --> 00:13:44,810
of seven that's seven sigma effect so

265
00:13:49,630 --> 00:13:47,690
it's non-trivial this is exactly the

266
00:13:53,260 --> 00:13:49,640
same data presented and the format I've

267
00:13:57,600 --> 00:13:53,270
used for the individual event here you

268
00:14:00,460 --> 00:13:57,610
can see there are up zag zig zags but

269
00:14:03,210 --> 00:14:00,470
the trend because of the preponderance

270
00:14:07,270 --> 00:14:03,220
of data that go in the direction we're

271
00:14:09,370 --> 00:14:07,280
expecting or predicting it will produces

272
00:14:12,760 --> 00:14:09,380
a line that just goes further and

273
00:14:17,920 --> 00:14:12,770
further away from what's expected the

274
00:14:21,160 --> 00:14:17,930
horizontal trend and this is a way of

275
00:14:23,260 --> 00:14:21,170
showing how we do controls you can

276
00:14:24,730 --> 00:14:23,270
sample all of the data which are not in

277
00:14:26,170 --> 00:14:24,740
the events that's about ninety-eight

278
00:14:29,500 --> 00:14:26,180
percent of the data or you can do

279
00:14:34,800 --> 00:14:29,510
something like just a computer

280
00:14:38,740 --> 00:14:34,810
simulation of what we can think of as

281
00:14:41,350 --> 00:14:38,750
pseudo series and that produces a cloud

282
00:14:43,720 --> 00:14:41,360
of data like in this gray these gray

283
00:14:46,090 --> 00:14:43,730
lines and again you can see easily see

284
00:14:51,910 --> 00:14:46,100
that the real data are very different

285
00:14:53,800 --> 00:14:51,920
from from what's in that picture so what

286
00:14:55,630 --> 00:14:53,810
kinds of things are important I'll talk

287
00:14:58,950 --> 00:14:55,640
a little bit about that and then move on

288
00:15:03,340 --> 00:14:58,960

to how it might work mass consciousness

289
00:15:05,860 --> 00:15:03,350
seems to be part of the picture

290
00:15:07,759 --> 00:15:05,870
we need to we're looking for powerful

291
00:15:10,639 --> 00:15:07,769
emotions but shared

292
00:15:14,600 --> 00:15:10,649
and I think it's important and this will

293
00:15:16,609 --> 00:15:14,610
become obvious later when we're talking

294
00:15:19,210 --> 00:15:16,619
about how it might be working the

295
00:15:23,210 --> 00:15:19,220
experimenter has to be willing to accept

296
00:15:26,030 --> 00:15:23,220
the data as they come and we know from

297
00:15:30,139 --> 00:15:26,040
analysis that events that have really

298
00:15:35,090 --> 00:15:30,149
large numbers of people engaged produce

299
00:15:37,039 --> 00:15:35,100
bigger effects than small event yeah an

300
00:15:39,799 --> 00:15:37,049
interesting one that lots of people are

301
00:15:41,419 --> 00:15:39,809
interested to check out is the question

302
00:15:44,470 --> 00:15:41,429
whether a positive event will have a

303
00:15:47,689 --> 00:15:44,480
stronger effect than a negative event is

304
00:15:50,780 --> 00:15:47,699
new years better than a terrorist attack

305
00:15:52,369 --> 00:15:50,790
the answer is that at best you know we

306
00:15:55,160 --> 00:15:52,379
can do this kind of thing by

307
00:15:58,189 --> 00:15:55,170
categorizing they're pretty much similar

308
00:16:01,189 --> 00:15:58,199
either one as long as it gathers us all

309
00:16:03,889 --> 00:16:01,199
together will produce about the same

310
00:16:05,689 --> 00:16:03,899
kind of effect it does need to be

311
00:16:09,229 --> 00:16:05,699
generally speaking something like

312
00:16:12,739 --> 00:16:09,239
intense or unique shocking surprising

313
00:16:15,319 --> 00:16:12,749

arresting or deeply moving so what we're

314
00:16:17,869 --> 00:16:15,329
talking about is emotions but shared

315
00:16:21,280 --> 00:16:17,879
emotions and it turns out I'll show you

316
00:16:24,049 --> 00:16:21,290
a picture of this being awake and aware

317
00:16:25,249 --> 00:16:24,059
allows us to contribute to what we're

318
00:16:28,189 --> 00:16:25,259
thinking of as a kind of global

319
00:16:32,749 --> 00:16:28,199
consciousness but more than when we're

320
00:16:35,960 --> 00:16:32,759
asleep I'll show you a picture of a

321
00:16:38,119 --> 00:16:35,970
moment analysis by Peter Ben self who I

322
00:16:42,579 --> 00:16:38,129
think has talked about and definitely

323
00:16:45,230 --> 00:16:42,589
has published an article or two in JSE

324
00:16:48,769 --> 00:16:45,240
categorizing the many events that we

325
00:16:50,269 --> 00:16:48,779
have we can ask things like this

326
00:16:53,900 --> 00:16:50,279
question about the numbers of people

327
00:16:56,059 --> 00:16:53,910
involved if we do just large and small

328
00:16:58,369 --> 00:16:56,069
the difference is actually significant

329
00:17:01,100 --> 00:16:58,379
but there is a tendency for larger

330
00:17:04,990 --> 00:17:01,110
events to be better we can categorize

331
00:17:08,559 --> 00:17:05,000
events by almost any standard one that I

332
00:17:11,269 --> 00:17:08,569
have done is separate emotions like fear

333
00:17:14,480 --> 00:17:11,279
love compassion and so forth how much

334
00:17:17,659 --> 00:17:14,490
does the event show or embody compassion

335
00:17:18,930 --> 00:17:17,669
turns out that if the events that do

336
00:17:26,370 --> 00:17:18,940
that

337
00:17:30,630 --> 00:17:26,380
just about here's the figure I've been

338
00:17:35,370 --> 00:17:30,640

advertising the blue line that we waves

339
00:17:39,600 --> 00:17:35,380
up and down is data from the events data

340
00:17:45,270 --> 00:17:39,610
collected during the event over and

341
00:17:48,510 --> 00:17:45,280
there's two cycles of 24 hours so over

342
00:17:50,160 --> 00:17:48,520
here where that where the effect size is

343
00:17:53,340 --> 00:17:50,170
smallest is in the middle of the night

344
00:17:56,550 --> 00:17:53,350
about 3:00 in the morning this is 6:00

345
00:18:00,780 --> 00:17:56,560
p.m. I guess everybody is like getting

346
00:18:02,250 --> 00:18:00,790
ready to eat or something okay and down

347
00:18:05,600 --> 00:18:02,260
below is a kind of what you might think

348
00:18:09,120 --> 00:18:05,610
of as the the rest of the picture that's

349
00:18:12,780 --> 00:18:09,130
when we're there are none no events it's

350
00:18:15,600 --> 00:18:12,790
just what the data look like normally so

351
00:18:18,120 --> 00:18:15,610
we are contributing to whatever's going

352
00:18:24,420 --> 00:18:18,130
on in these data when were awake much

353
00:18:26,760 --> 00:18:24,430
more stronger than when we're asleep a

354
00:18:29,010 --> 00:18:26,770
long perspective if we look at all the

355
00:18:34,980 --> 00:18:29,020
data not just the ones in the events we

356
00:18:37,170 --> 00:18:34,990
have a figure that some some somebody

357
00:18:41,580 --> 00:18:37,180
contacted me said I was looking for

358
00:18:44,490 --> 00:18:41,590
something that was familiar had a

359
00:18:51,120 --> 00:18:44,500
familiar form to the graph that you call

360
00:18:54,810 --> 00:18:51,130
your long long term picture

361
00:19:00,720 --> 00:18:54,820
you said the dollar index seems to track

362
00:19:06,540 --> 00:19:00,730
that pretty well so we I did the graphs

363
00:19:07,710 --> 00:19:06,550

and or he did and it turns out that I

364
00:19:11,460 --> 00:19:07,720
guess you can't see it for some reason

365
00:19:14,430 --> 00:19:11,470
on this figure but it continues up to

366
00:19:16,440 --> 00:19:14,440
now I should note that presidential

367
00:19:18,690 --> 00:19:16,450
approval ratings track about the same

368
00:19:22,170 --> 00:19:18,700
way so this is just correlation not

369
00:19:24,960 --> 00:19:22,180
causation so a couple of different kinds

370
00:19:28,240 --> 00:19:24,970
of models seem to be

371
00:19:31,000 --> 00:19:28,250
most likely or at least lots of people

372
00:19:34,659 --> 00:19:31,010
propose them one of them is that this is

373
00:19:36,669 --> 00:19:34,669
an old experimenter effect and it's I

374
00:19:38,409 --> 00:19:36,679
try to be agnostic about it but it seems

375
00:19:42,159 --> 00:19:38,419
to me to be very unlikely I'm

376
00:19:44,440 --> 00:19:42,169
responsible for all the big rather large

377
00:19:48,700 --> 00:19:44,450
changes in data in a network that

378
00:19:50,580 --> 00:19:48,710
expands or covers the whole world there

379
00:19:55,890 --> 00:19:50,590
some of the arguments are though like

380
00:20:01,539 --> 00:19:55,900
Helmut Schmidt said well a more familiar

381
00:20:03,220 --> 00:20:01,549
idea is feedback from the future it may

382
00:20:06,490 --> 00:20:03,230
said my prediction Roger Nelson

383
00:20:08,409 --> 00:20:06,500
predictions are better than the other

384
00:20:10,030 --> 00:20:08,419
people make predictions and it turns

385
00:20:11,100 --> 00:20:10,040
they are but it's not a significant

386
00:20:15,100 --> 00:20:11,110
difference

387
00:20:17,320 --> 00:20:15,110
Peter been cell says there can't be any

388
00:20:20,140 --> 00:20:17,330

side without intention because we have

389
00:20:22,570 --> 00:20:20,150
an XOR I don't have time to go into the

390
00:20:23,950 --> 00:20:22,580
details but I think that there's a

391
00:20:27,100 --> 00:20:23,960
problem in that kind of reasoning

392
00:20:30,250 --> 00:20:27,110
because we there may be something going

393
00:20:34,530 --> 00:20:30,260
on there's not just bits

394
00:20:40,980 --> 00:20:34,540
moving on to and the another kind of

395
00:20:45,430 --> 00:20:40,990
possible source we have evidence that

396
00:20:49,720 --> 00:20:45,440
there can be something like PK happening

397
00:20:51,730 --> 00:20:49,730
and the result is correlation of between

398
00:20:54,610 --> 00:20:51,740
these devices which are separated by

399
00:20:57,490 --> 00:20:54,620
thousands of kilometers and we have

400
00:21:03,280 --> 00:20:57,500
about a dozen different parameters that

401
00:21:05,440 --> 00:21:03,290
won't fit the the model of the

402
00:21:08,320 --> 00:21:05,450
experimenter effect but will fit into a

403
00:21:11,799 --> 00:21:08,330
PK model I'm sorry I have run out of

404
00:21:14,409 --> 00:21:11,809
time so I won't be able to talk about

405
00:21:19,360 --> 00:21:14,419
this in any kind of detail but I would

406
00:21:21,280 --> 00:21:19,370
at it I'm thinking about and more and

407
00:21:23,890 --> 00:21:21,290
more deeply convinced that a model based

408
00:21:26,860 --> 00:21:23,900
on something like David bones implicit

409
00:21:28,360 --> 00:21:26,870
order might make some sense that what

410
00:21:33,290 --> 00:21:28,370
we're really talking about is something

411
00:21:36,020 --> 00:21:33,300
like active information

412
00:21:39,950 --> 00:21:36,030
that can be actualized if there's a need

413
00:21:42,530 --> 00:21:39,960

for it and experiments which provide a

414
00:21:44,450 --> 00:21:42,540
need for the information that could

415
00:21:48,830 --> 00:21:44,460
structure what's happening to say a

416
00:21:53,870 --> 00:21:48,840
random number generator or a system that

417
00:21:56,840 --> 00:21:53,880
produces correlations and so it could be

418
00:21:59,050 --> 00:21:56,850
that there's active information then is

419
00:22:02,030 --> 00:21:59,060
actualized because there's a need for it

420
00:22:03,620 --> 00:22:02,040
created by an experimenter so there is

421
00:22:06,950 --> 00:22:03,630
an experimenter effect but I think it's

422
00:22:19,820 --> 00:22:06,960
just in doing the experiment so thank

423
00:22:22,250 --> 00:22:19,830
you in the healing research that I do i

424
00:22:25,160 --> 00:22:22,260
I've come to the reasonably similar

425
00:22:26,810 --> 00:22:25,170
conclusion that healing is not something

426
00:22:31,030 --> 00:22:26,820
that happens to just between two people

427
00:22:33,920 --> 00:22:31,040
it's rather a response to need yeah I

428
00:22:38,060 --> 00:22:33,930
said I think healing is more a response

429
00:22:40,730 --> 00:22:38,070
to need and so I'm wondering in the

430
00:22:45,860 --> 00:22:40,740
spirit of connections that could be all

431
00:22:47,810 --> 00:22:45,870
over the place Roger with regard I want

432
00:22:50,150 --> 00:22:47,820
to ask the question about polarity you

433
00:22:52,520 --> 00:22:50,160
talked about sometimes the curves go up

434
00:22:55,550 --> 00:22:52,530
and sometimes the curves go down and my

435
00:22:56,990 --> 00:22:55,560
understanding is that and and please

436
00:23:01,130 --> 00:22:57,000
correct me but my understanding is that

437
00:23:04,340 --> 00:23:01,140
you have a bunch of microscopic

438
00:23:07,850 --> 00:23:04,350

measurements you're making and then you

439
00:23:11,480 --> 00:23:07,860
do some kind of manipulation on that to

440
00:23:12,980 --> 00:23:11,490
try to eliminate drift in your

441
00:23:17,800 --> 00:23:12,990
instrument and bias and all that kind of

442
00:23:21,080 --> 00:23:17,810
stuff so one way to say that is you're

443
00:23:23,330 --> 00:23:21,090
you're making a measurement of many many

444
00:23:24,710 --> 00:23:23,340
variables all those bits that are going

445
00:23:27,290 --> 00:23:24,720
to get X or it or whatever you talk

446
00:23:30,680 --> 00:23:27,300
about that's a measurement in some high

447
00:23:32,330 --> 00:23:30,690
dimensionality space it 56

448
00:23:33,860 --> 00:23:32,340
dimensionality space or 64

449
00:23:36,470 --> 00:23:33,870
dimensionality space or whatever it is

450
00:23:38,750 --> 00:23:36,480
and then you're choosing some direction

451
00:23:40,930 --> 00:23:38,760
in that 64 dimensional space and you're

452
00:23:42,470 --> 00:23:40,940
saying I'm going to call this direction

453
00:23:43,909 --> 00:23:42,480
positive and then the Oh

454
00:23:46,940 --> 00:23:43,919
direction is negative or something like

455
00:23:49,659 --> 00:23:46,950
that and so I want to ask you know how

456
00:23:54,370 --> 00:23:49,669
do you choose that orientation of your

457
00:23:58,280 --> 00:23:54,380
of your vector in that hilbert space and

458
00:24:02,480 --> 00:23:58,290
does that affect what the positive or

459
00:24:05,720 --> 00:24:02,490
negative means in your result I chose

460
00:24:07,430 --> 00:24:05,730
the directions for the predictions in a

461
00:24:09,530 --> 00:24:07,440
kind of three dimensional space in which

462
00:24:12,140 --> 00:24:09,540
we did these field ret experiments for a

463
00:24:14,900 --> 00:24:12,150

long time what we knew was that we

464
00:24:17,360 --> 00:24:14,910
weren't there wasn't an intention to

465
00:24:19,520 --> 00:24:17,370
push the data in one direction or the

466
00:24:21,830 --> 00:24:19,530
other direction so we're asking is is

467
00:24:25,159 --> 00:24:21,840
there an expansion the increase in the

468
00:24:29,450 --> 00:24:25,169
variant and that I plot as a as a an

469
00:24:33,130 --> 00:24:29,460
increasing deviation I trend away from

470
00:24:42,350 --> 00:24:33,140
in the positive direction so I don't

471
00:24:44,960 --> 00:24:42,360
know about 54 dimensions Thanks I was

472
00:24:50,480 --> 00:24:44,970
was hoping to clarify something I didn't

473
00:24:53,419 --> 00:24:50,490
quite understand about the about the way

474
00:24:55,640 --> 00:24:53,429
you do local time zones and things like

475
00:25:03,760 --> 00:24:55,650
the analysis of bigger effects when

476
00:25:06,950 --> 00:25:03,770
people are awake so how do you do the

477
00:25:10,130 --> 00:25:06,960
time zone analysis with New Year's Eve

478
00:25:12,049 --> 00:25:10,140
when you're apparently analyzing

479
00:25:13,730 --> 00:25:12,059
something in local time zones but you've

480
00:25:17,539 --> 00:25:13,740
got a network scattered all over the

481
00:25:20,060 --> 00:25:17,549
world you should talk with Peter pencil

482
00:25:22,760 --> 00:25:20,070
for the details about it but essentially

483
00:25:25,970 --> 00:25:22,770
what it amounts to is looking at the

484
00:25:29,210 --> 00:25:25,980
data which are correlations between

485
00:25:31,250 --> 00:25:29,220
these devices in a time zone while

486
00:25:35,810 --> 00:25:31,260
people are awake and then concatenate

487
00:25:37,549 --> 00:25:35,820
the ones concatenating the corresponding

488
00:25:41,060 --> 00:25:37,559

ones in the next time zone when people

489
00:25:46,159 --> 00:25:41,070
are awake does that answer the question

490
00:25:48,289 --> 00:25:46,169
I think so you can't possibly answer

491
00:25:51,500 --> 00:25:48,299
this here but please put all of your

492
00:25:52,460 --> 00:25:51,510
analysis details in on a JSC article

493
00:25:55,610 --> 00:25:52,470
sometime soon

494
00:25:58,490 --> 00:25:55,620
yeah okay

495
00:26:00,440 --> 00:25:58,500
currently it sounds like you're looking

496
00:26:02,029 --> 00:26:00,450
at world events and then backtracking

497
00:26:03,680 --> 00:26:02,039
that to the data to find the the

498
00:26:06,260 --> 00:26:03,690
correlation across these different re

499
00:26:08,630 --> 00:26:06,270
G's right is there a way given your

500
00:26:11,870 --> 00:26:08,640
current state with the technology to

501
00:26:14,630 --> 00:26:11,880
regionalize and network the re GS

502
00:26:15,980 --> 00:26:14,640
looking for local regional coherence and

503
00:26:17,330 --> 00:26:15,990
then have some kind of signaling

504
00:26:19,789 --> 00:26:17,340
mechanisms say hey there's a lot of

505
00:26:21,919 --> 00:26:19,799
coherence within you know you know this

506
00:26:24,919 --> 00:26:21,929
particular region and then back that

507
00:26:25,610 --> 00:26:24,929
track that to a concurrent event hmm

508
00:26:29,029 --> 00:26:25,620
does that make sense

509
00:26:31,100 --> 00:26:29,039
well the last I'm not so sure about the

510
00:26:34,430 --> 00:26:31,110
last part but the first part yes it is

511
00:26:36,560 --> 00:26:34,440
possible I'm hoping that other people

512
00:26:38,419 --> 00:26:36,570
will be interested in in a sense

513
00:26:41,810 --> 00:26:38,429

replicating building a better network

514
00:26:44,690 --> 00:26:41,820
with now today this was started so long

515
00:26:47,480 --> 00:26:44,700
ago that storing a gigabyte or 10

516
00:26:50,480 --> 00:26:47,490
gigabytes was a lot of storage right so

517
00:26:51,680 --> 00:26:50,490
we need a lot more detailed information

518
00:26:54,320 --> 00:26:51,690
to do the kind of thing that you're

519
00:26:56,570 --> 00:26:54,330
talking about there needs to be I think

520
00:26:58,390 --> 00:26:56,580
a fairly a substantial number in each of

521
00:27:02,180 --> 00:26:58,400
the regions you might be interested in

522
00:27:04,360 --> 00:27:02,190
in order to get a you know big sample

523
00:27:08,029 --> 00:27:04,370
where you have lots of correlations that

524
00:27:09,380 --> 00:27:08,039
might or might not occur and I think the

525
00:27:13,880 --> 00:27:09,390
last thing you said was something like

526
00:27:15,560 --> 00:27:13,890
look for an event and then find look for

527
00:27:18,020 --> 00:27:15,570
a deviation in the data and then look

528
00:27:18,980 --> 00:27:18,030
for the event we can't afford to do that

529
00:27:21,680 --> 00:27:18,990
we don't do that

530
00:27:23,810 --> 00:27:21,690
because the world is very complicated so

531
00:27:25,760 --> 00:27:23,820
if you find a spike in the data and

532
00:27:27,980 --> 00:27:25,770
start looking around you'll find that's

533
00:27:29,360 --> 00:27:27,990
why I meant regionally coordinating so

534
00:27:31,130 --> 00:27:29,370
looking if you had some kind of

535
00:27:33,830 --> 00:27:31,140
mechanism to to sample the different

536
00:27:35,450 --> 00:27:33,840
RTGS in real time and then narrow your

537
00:27:37,760 --> 00:27:35,460
regional space so let's say I'm looking

538
00:27:40,190 --> 00:27:37,770

at only re G's in Texas for example and

539
00:27:42,020 --> 00:27:40,200
then looking for a regional event in

540
00:27:43,370 --> 00:27:42,030
Texas that you know some having some

541
00:27:44,899 --> 00:27:43,380
kind of signaling mechanism to say

542
00:27:47,750 --> 00:27:44,909
there's a lot of coherence you know in

543
00:27:49,940 --> 00:27:47,760
this slice of time is there a concurrent

544
00:27:51,620 --> 00:27:49,950
ongoing event in that region of just

545
00:27:52,820 --> 00:27:51,630
these you know three or four re G's for

546
00:27:55,190 --> 00:27:52,830
example that make sense

547
00:27:57,440 --> 00:27:55,200
well we actually do have a very

548
00:27:58,940 --> 00:27:57,450
beginning you know like a rough kind of

549
00:28:02,270 --> 00:27:58,950
approximation to that if I'm

550
00:28:03,950 --> 00:28:02,280
understanding it correctly I mentioned

551
00:28:05,080 --> 00:28:03,960
small events large events what the

552
00:28:07,270 --> 00:28:05,090
smaller wins really

553
00:28:10,270 --> 00:28:07,280
is something that's regional that

554
00:28:12,880 --> 00:28:10,280
somebody really wants to find out if

555
00:28:14,860 --> 00:28:12,890
this event makes an effect on the global

556
00:28:17,320 --> 00:28:14,870
network and the analysis that we

557
00:28:20,410 --> 00:28:17,330
formerly do covers the whole network but

558
00:28:22,960 --> 00:28:20,420
when you start looking at the effect of

559
00:28:25,870 --> 00:28:22,970
the distance separating these re G's you

560
00:28:28,660 --> 00:28:25,880
find that it matters if the event is a

561
00:28:33,100 --> 00:28:28,670
small one what that suggests is that the

562
00:28:34,180 --> 00:28:33,110
effect is local to some degree people in

563
00:28:36,880 --> 00:28:34,190

the rest of the world don't know about

564
00:28:39,820 --> 00:28:36,890
it even so the people who do know about

565
00:28:42,400 --> 00:28:39,830
it in that region have some effect on

566
00:28:44,860 --> 00:28:42,410
the device so if you set if you now do a

567
00:28:47,350 --> 00:28:44,870
correlation with a further separated re

568
00:28:51,250 --> 00:28:47,360
G it will be weaker because there's no