

1  
00:00:00,000 --> 00:00:07,918  
I want to talk about the same project

2  
00:00:04,589 --> 00:00:09,960  
global consciousness project I've talked

3  
00:00:07,918 --> 00:00:13,018  
about before here a number of times but

4  
00:00:09,960 --> 00:00:16,560  
very quickly go through the beginnings

5  
00:00:13,019 --> 00:00:21,420  
of and the description of the project

6  
00:00:16,559 --> 00:00:24,329  
and then worked toward something like

7  
00:00:21,420 --> 00:00:26,849  
modeling and theory even though I'm not

8  
00:00:24,329 --> 00:00:28,070  
a theorist I do think about those things

9  
00:00:26,849 --> 00:00:31,528  
quite a bit

10  
00:00:28,070 --> 00:00:33,179  
this is a picture of the gathering in

11  
00:00:31,528 --> 00:00:35,729  
New York I think there were about half a

12  
00:00:33,179 --> 00:00:40,619  
million people last September on Earth

13  
00:00:35,729 --> 00:00:45,929  
Day with a focus on the climate changes

14  
00:00:40,619 --> 00:00:47,488  
and so forth and I thought this is a

15  
00:00:45,929 --> 00:00:50,609  
kind of advance that we call a global

16  
00:00:47,488 --> 00:00:55,128  
event could we possibly capture a

17  
00:00:50,609 --> 00:00:59,698  
picture somehow of this the intense

18  
00:00:55,128 --> 00:01:03,509  
emotion and interest and shared ideas of

19  
00:00:59,698 --> 00:01:08,310  
this gathering in New York that's a

20  
00:01:03,509 --> 00:01:11,938  
picture of data which ought to run on a

21  
00:01:08,310 --> 00:01:17,430  
kind of level whoops halves at fingers

22  
00:01:11,938 --> 00:01:19,408  
like everybody else anyway

23  
00:01:17,430 --> 00:01:23,540  
the data should run level but they

24  
00:01:19,409 --> 00:01:27,299  
actually are way out of line so to speak

25  
00:01:23,540 --> 00:01:29,610  
so I'm thinking to what we're trying to

26  
00:01:27,299 --> 00:01:33,420  
do is build a science that can actually

27  
00:01:29,609 --> 00:01:36,118  
allow us to capture some aspect of human

28  
00:01:33,420 --> 00:01:40,618  
consciousness in a way that we might

29

00:01:36,118 --> 00:01:43,140  
even call quantitative we began thinking

30  
00:01:40,618 --> 00:01:45,420  
about these things at least I did in the

31  
00:01:43,140 --> 00:01:47,519  
pair lab with experiment where people

32  
00:01:45,420 --> 00:01:53,070  
tried to change the behavior of a

33  
00:01:47,519 --> 00:01:56,129  
machine with intention no wires no

34  
00:01:53,069 --> 00:01:59,309  
buttons we found a significant effect

35  
00:01:56,129 --> 00:02:02,489  
when we asked people to get high numbers

36  
00:01:59,310 --> 00:02:05,009  
versus low numbers so they produce

37  
00:02:02,489 --> 00:02:07,310  
something that would wind up being

38  
00:02:05,009 --> 00:02:10,259  
rather far in the high direction

39  
00:02:07,310 --> 00:02:11,860  
relative to what was expected similarly

40  
00:02:10,258 --> 00:02:14,759  
for the low numbers

41  
00:02:11,860 --> 00:02:19,750  
pretty successful highly significant

42  
00:02:14,759 --> 00:02:21,189  
differences the next step in the

43  
00:02:19,750 --> 00:02:23,469

progression toward something like

44

00:02:21,189 --> 00:02:26,099

gathering information about global

45

00:02:23,469 --> 00:02:29,530

consciousness was to go outside the lab

46

00:02:26,099 --> 00:02:33,009

and to do what we called field rake or

47

00:02:29,530 --> 00:02:35,319

appealed our AG experiments we by this

48

00:02:33,009 --> 00:02:38,849

time benefited from a miniaturization of

49

00:02:35,319 --> 00:02:42,909

electronics to the point where you could

50

00:02:38,849 --> 00:02:46,150

put a random number generator on a

51

00:02:42,909 --> 00:02:49,030

palmtop computer or laptop and easily

52

00:02:46,150 --> 00:02:51,129

carry it wherever we wanted to go the

53

00:02:49,030 --> 00:02:53,979

software would record the data

54

00:02:51,129 --> 00:02:56,650

continuously and then you could press a

55

00:02:53,979 --> 00:02:59,079

button to mark the beginning and the end

56

00:02:56,650 --> 00:03:01,870

of an interesting period of time and

57

00:02:59,080 --> 00:03:05,430

here are a couple of examples and on the

58  
00:03:01,870 --> 00:03:10,000  
Left we have a visit with a small group

59  
00:03:05,430 --> 00:03:12,879  
to Devil's Tower accompanied by a Native

60  
00:03:10,000 --> 00:03:14,860  
American shaman the Shoshone whose

61  
00:03:12,879 --> 00:03:17,099  
personal mission was to heal these

62  
00:03:14,860 --> 00:03:19,510  
sacred sites that have been kind of

63  
00:03:17,099 --> 00:03:22,239  
desecrated in some sense by careless

64  
00:03:19,509 --> 00:03:23,798  
thoughtless people he didn't understand

65  
00:03:22,239 --> 00:03:25,930  
what we were doing but when I showed him

66  
00:03:23,799 --> 00:03:29,620  
that graph he said I think I get the

67  
00:03:25,930 --> 00:03:31,780  
idea because he could see that data line

68  
00:03:29,620 --> 00:03:36,129  
wasn't going down the middle it was off

69  
00:03:31,780 --> 00:03:39,879  
the scale and went to Egypt with a group

70  
00:03:36,129 --> 00:03:42,209  
of 19 people who were pretty very much

71  
00:03:39,879 --> 00:03:45,549  
interested in the ancient religion and

72  
00:03:42,209 --> 00:03:47,680  
spiritual tradition and so forth and we

73  
00:03:45,549 --> 00:03:50,170  
went to all of the temples we could the

74  
00:03:47,680 --> 00:03:53,560  
ruins and we also went into the Great

75  
00:03:50,169 --> 00:03:56,530  
Pyramid and this figure shows in the

76  
00:03:53,560 --> 00:04:00,610  
first segment our group entering the

77  
00:03:56,530 --> 00:04:02,259  
pyramid and if you look at the trend

78  
00:04:00,610 --> 00:04:05,080  
there there isn't a trend that's just

79  
00:04:02,259 --> 00:04:07,078  
level not interesting yet but the next

80  
00:04:05,080 --> 00:04:11,579  
segment has us in the Queen's Chamber

81  
00:04:07,079 --> 00:04:14,560  
doing meditations and chanting and

82  
00:04:11,579 --> 00:04:17,079  
following that the Grand Gallery which

83  
00:04:14,560 --> 00:04:18,790  
is a fantastic place if you have a

84  
00:04:17,079 --> 00:04:21,310  
chance to be in Egypt

85  
00:04:18,790 --> 00:04:24,790  
and visit the interior of the Great

86

00:04:21,310 --> 00:04:26,920  
Pyramid I'd say check that out it's my

87  
00:04:24,790 --> 00:04:29,100  
favorite place that led to the King's

88  
00:04:26,920 --> 00:04:31,420  
Chamber where we did a couple of long

89  
00:04:29,100 --> 00:04:34,120  
meditations in these two segments here

90  
00:04:31,420 --> 00:04:36,490  
and then this last part is everybody's

91  
00:04:34,120 --> 00:04:39,850  
splitting up no longer a group no longer

92  
00:04:36,490 --> 00:04:43,780  
working together in any case we think

93  
00:04:39,850 --> 00:04:45,879  
that the field re G protocol showed us

94  
00:04:43,779 --> 00:04:48,279  
lots of evidence that group

95  
00:04:45,879 --> 00:04:51,100  
consciousness it is a kind of natural

96  
00:04:48,279 --> 00:04:53,199  
thing normally we don't really notice it

97  
00:04:51,100 --> 00:04:55,570  
because when you're in it you can't

98  
00:04:53,199 --> 00:04:58,959  
really be observing it very well some

99  
00:04:55,569 --> 00:05:03,310  
examples we think about group residence

100  
00:04:58,959 --> 00:05:06,609

afterwards and we call a great meeting

101

00:05:03,310 --> 00:05:09,189

or an engaging talk that but only

102

00:05:06,610 --> 00:05:12,069

afterwards during the event we're

103

00:05:09,189 --> 00:05:14,439

engaged so those are a variety of

104

00:05:12,069 --> 00:05:17,800

experiment experiences that we could

105

00:05:14,439 --> 00:05:19,750

think of as group consciousness the next

106

00:05:17,800 --> 00:05:24,430

step toward the global consciousness

107

00:05:19,750 --> 00:05:28,689

project is to consider what we learn

108

00:05:24,430 --> 00:05:30,670

from 12 years of intention experiments

109

00:05:28,689 --> 00:05:34,269

and another several years of field

110

00:05:30,670 --> 00:05:35,949

experiments leading to lots of other

111

00:05:34,269 --> 00:05:39,250

kinds of questions what if you have two

112

00:05:35,949 --> 00:05:41,050

or more random number generators what if

113

00:05:39,250 --> 00:05:45,310

they're further away what if they're

114

00:05:41,050 --> 00:05:48,129

remotely located so we build a network

115  
00:05:45,310 --> 00:05:51,100  
to answer a question like this could we

116  
00:05:48,129 --> 00:05:52,509  
possibly capture something that you

117  
00:05:51,100 --> 00:05:55,480  
could think of as global consciousness

118  
00:05:52,509 --> 00:05:57,699  
using the same technology that's what we

119  
00:05:55,480 --> 00:06:01,120  
tried to do first with some prototypes

120  
00:05:57,699 --> 00:06:05,969  
this is the data from Princess Diana's

121  
00:06:01,120 --> 00:06:05,970  
funeral the red line this is a cloud of

122  
00:06:06,959 --> 00:06:15,779  
pseudo-random traces it's not off the

123  
00:06:11,470 --> 00:06:18,760  
scale hugely but it's very was very

124  
00:06:15,779 --> 00:06:23,099  
encouraging so we proceeded to build a

125  
00:06:18,759 --> 00:06:27,610  
network that was intended to take data

126  
00:06:23,100 --> 00:06:29,860  
every second every day over years and in

127  
00:06:27,610 --> 00:06:30,408  
fact we've now been running this network

128  
00:06:29,860 --> 00:06:32,239  
which

129  
00:06:30,408 --> 00:06:38,598  
as a kind of instrument for looking at

130  
00:06:32,238 --> 00:06:40,338  
global consciousness for 1517 years if

131  
00:06:38,598 --> 00:06:46,399  
you want to get more detailed by the way

132  
00:06:40,338 --> 00:06:54,278  
the the best fastest address is global -

133  
00:06:46,399 --> 00:06:57,649  
mind org this our basic hypothesis is a

134  
00:06:54,278 --> 00:06:59,838  
overarching hypothesis is a kind of

135  
00:06:57,649 --> 00:07:01,098  
operational definition of what we're

136  
00:06:59,838 --> 00:07:02,868  
talking about when I say global

137  
00:07:01,098 --> 00:07:06,288  
consciousness who knows if there really

138  
00:07:02,869 --> 00:07:11,149  
is such a thing but what we are trying

139  
00:07:06,288 --> 00:07:14,509  
to do is repeatedly ask a question that

140  
00:07:11,149 --> 00:07:16,838  
will allow us altima to say yea or nay

141  
00:07:14,509 --> 00:07:19,639  
about an idea like this eventually

142  
00:07:16,838 --> 00:07:22,459  
attention and emotion shared by people

143

00:07:19,639 --> 00:07:25,879  
all around the world will correlate with

144  
00:07:22,459 --> 00:07:28,988  
changes in our data from this network of

145  
00:07:25,879 --> 00:07:33,319  
random number generators and what we do

146  
00:07:28,988 --> 00:07:36,049  
to test this is individual experiments

147  
00:07:33,319 --> 00:07:39,439  
that are each very specific their

148  
00:07:36,050 --> 00:07:41,059  
beginning is identified the end is

149  
00:07:39,439 --> 00:07:45,278  
identified of a period of time during

150  
00:07:41,059 --> 00:07:48,469  
which we're going to test the data and

151  
00:07:45,278 --> 00:07:50,928  
what what we know from the statistics is

152  
00:07:48,468 --> 00:07:53,868  
that this the result should be if we

153  
00:07:50,928 --> 00:07:56,118  
picture it ran the walk but it very

154  
00:07:53,869 --> 00:07:59,389  
often is not a random walk the random

155  
00:07:56,119 --> 00:08:01,789  
walk would have a horizontal trend this

156  
00:07:59,389 --> 00:08:03,679  
is a good example I'll show you some bad

157  
00:08:01,788 --> 00:08:08,300

examples to where we don't we don't

158

00:08:03,678 --> 00:08:10,908

always win about 70% of the time however

159

00:08:08,300 --> 00:08:12,918

we win in the sense that the data go in

160

00:08:10,908 --> 00:08:16,968

the direction we predict which is upward

161

00:08:12,918 --> 00:08:19,068

and this kind of graph and about 20% at

162

00:08:16,968 --> 00:08:21,769

a time or a little bit less than that

163

00:08:19,069 --> 00:08:24,039

it may be statistically significant by

164

00:08:21,769 --> 00:08:30,668

the normal 5% criterion

165

00:08:24,038 --> 00:08:33,799

so we've now collected nearly 500 events

166

00:08:30,668 --> 00:08:37,458

looking at disasters of various kind

167

00:08:33,799 --> 00:08:39,740

natural and human-caused acts of war and

168

00:08:37,458 --> 00:08:41,018

but also celebrations pleasant kinds of

169

00:08:39,740 --> 00:08:45,379

events

170

00:08:41,019 --> 00:08:47,810

here's a example of that everybody has

171

00:08:45,379 --> 00:08:51,259

probably seen if you've seen any of my

172  
00:08:47,809 --> 00:08:57,919  
talk but it was definitely an example of

173  
00:08:51,259 --> 00:09:02,600  
the world gathering around an event and

174  
00:08:57,919 --> 00:09:05,629  
peeling deep strong shared emotion again

175  
00:09:02,600 --> 00:09:08,990  
by now you know the data should be

176  
00:09:05,629 --> 00:09:10,970  
running level but for about two days the

177  
00:09:08,990 --> 00:09:13,970  
data were definitely not running the way

178  
00:09:10,970 --> 00:09:15,470  
random data should we looked at this in

179  
00:09:13,970 --> 00:09:17,949  
a variety of different ways there's a

180  
00:09:15,470 --> 00:09:21,079  
different kind of analysis that look

181  
00:09:17,948 --> 00:09:23,208  
instead of at what you might think of as

182  
00:09:21,078 --> 00:09:27,859  
a mean shift this is a variance change

183  
00:09:23,208 --> 00:09:30,828  
and it also spikes hugely around on that

184  
00:09:27,860 --> 00:09:36,250  
day unfortunately there are lots and

185  
00:09:30,828 --> 00:09:39,888  
lots of examples of terrorists or

186  
00:09:36,250 --> 00:09:42,500  
human-caused disasters I'll just run

187  
00:09:39,889 --> 00:09:44,509  
through a bunch of them there are some

188  
00:09:42,500 --> 00:09:46,339  
that go completely in the opposite

189  
00:09:44,509 --> 00:09:49,850  
direction of what we expect that counts

190  
00:09:46,339 --> 00:09:51,889  
against our bottom line but it is a

191  
00:09:49,850 --> 00:09:56,629  
formal event so it is part of the

192  
00:09:51,889 --> 00:10:00,259  
database and in the long run it turns

193  
00:09:56,629 --> 00:10:03,379  
out that we have far more of the kind

194  
00:10:00,259 --> 00:10:07,309  
that that match our prediction than

195  
00:10:03,379 --> 00:10:11,419  
otherwise fortunately there are some

196  
00:10:07,309 --> 00:10:13,219  
other kinds of things that we can can

197  
00:10:11,419 --> 00:10:16,669  
look at in the world positive events

198  
00:10:13,220 --> 00:10:19,009  
this one is really to my mind very

199  
00:10:16,669 --> 00:10:23,719  
interesting when this is the coup Mela

200

00:10:19,009 --> 00:10:25,429  
which happens in India there's a two

201  
00:10:23,720 --> 00:10:28,550  
versions of it

202  
00:10:25,429 --> 00:10:31,159  
the really large-scale one is every 12

203  
00:10:28,549 --> 00:10:32,990  
years or something like that but there's

204  
00:10:31,159 --> 00:10:35,469  
one every there there are some in

205  
00:10:32,990 --> 00:10:39,799  
between and we've looked at this now

206  
00:10:35,470 --> 00:10:42,589  
three times and if you if this

207  
00:10:39,799 --> 00:10:44,539  
transparency kind of works you can see

208  
00:10:42,589 --> 00:10:46,940  
that there's so much similarity from one

209  
00:10:44,539 --> 00:10:49,328  
to another that we could say maybe that

210  
00:10:46,940 --> 00:10:52,299  
is the result of 20 million people

211  
00:10:49,328 --> 00:10:54,789  
together to do something they really

212  
00:10:52,298 --> 00:10:56,558  
feel is important we also look at new

213  
00:10:54,789 --> 00:10:59,889  
years every year and we look at a couple

214  
00:10:56,558 --> 00:11:03,639

different ways one of them is by looking

215

00:10:59,889 --> 00:11:05,980

at the variance of all of our data at

216

00:11:03,639 --> 00:11:07,989

which we predict will drop down while

217

00:11:05,980 --> 00:11:12,759

people are beginning to focus on

218

00:11:07,989 --> 00:11:15,100

midnight and that we use a signal

219

00:11:12,759 --> 00:11:17,409

averaging to look at all the timezone

220

00:11:15,100 --> 00:11:19,928

and so forth and this is a selected

221

00:11:17,409 --> 00:11:22,448

example that is like a kind of perfect

222

00:11:19,928 --> 00:11:24,399

demonstration of how the data should

223

00:11:22,448 --> 00:11:26,258

look when it confirms our hypothesis

224

00:11:24,399 --> 00:11:29,528

there are some years where it doesn't do

225

00:11:26,259 --> 00:11:33,850

that but overall this analysis shows a

226

00:11:29,528 --> 00:11:38,259

significant deviation one year after

227

00:11:33,850 --> 00:11:41,069

another we also have lots of organized

228

00:11:38,259 --> 00:11:43,600

things in the world most of you either

229  
00:11:41,068 --> 00:11:46,719  
have a tender or at least know about

230  
00:11:43,600 --> 00:11:48,399  
some kind of event you could go to like

231  
00:11:46,720 --> 00:11:50,798  
that piece

232  
00:11:48,399 --> 00:11:53,438  
climate change gathering in New York

233  
00:11:50,798 --> 00:11:57,639  
that I showed as a first slide we do

234  
00:11:53,438 --> 00:12:01,778  
this every year in September September

235  
00:11:57,639 --> 00:12:05,350  
21st this is a good example of data that

236  
00:12:01,778 --> 00:12:08,078  
don't confirm the hypothesis but most of

237  
00:12:05,350 --> 00:12:10,959  
the examples do confirm that hypothesis

238  
00:12:08,078 --> 00:12:16,539  
this is year after year of the

239  
00:12:10,958 --> 00:12:22,318  
International Day of Peace one of my

240  
00:12:16,539 --> 00:12:25,418  
colleagues decided to put together a

241  
00:12:22,318 --> 00:12:29,110  
compilation of all the events that have

242  
00:12:25,418 --> 00:12:31,838  
people either meditating or praying or

243  
00:12:29,110 --> 00:12:34,869  
marching for something like a brighter

244  
00:12:31,839 --> 00:12:37,689  
future and he called it a global harmony

245  
00:12:34,869 --> 00:12:40,899  
and this is a picture of something like

246  
00:12:37,688 --> 00:12:43,599  
a hundred events selected from the

247  
00:12:40,899 --> 00:12:46,688  
database all of which sort of matched

248  
00:12:43,600 --> 00:12:50,100  
this idea that we should and a lot of

249  
00:12:46,688 --> 00:12:52,568  
people do work toward a global harmony

250  
00:12:50,100 --> 00:12:54,850  
name is Brian Williams he I think he's a

251  
00:12:52,568 --> 00:12:57,958  
member of ss he and hope you might be

252  
00:12:54,850 --> 00:12:57,959  
here at this time

253  
00:12:58,690 --> 00:13:05,120  
so the bottom line of the data from this

254  
00:13:02,299 --> 00:13:08,569  
experiment is can be shown in a scatter

255  
00:13:05,120 --> 00:13:11,000  
plot this might not look very impressive

256  
00:13:08,570 --> 00:13:14,180  
but there is a small difference between

257

00:13:11,000 --> 00:13:18,049  
the expected dotted dark line black line

258  
00:13:14,179 --> 00:13:20,179  
and this blue line which is the average

259  
00:13:18,049 --> 00:13:22,729  
of all of the events that we've looked

260  
00:13:20,179 --> 00:13:25,209  
at so far it's only one-third of a

261  
00:13:22,730 --> 00:13:27,860  
standard deviation away from the

262  
00:13:25,210 --> 00:13:32,300  
predicted or expected value for random

263  
00:13:27,860 --> 00:13:36,460  
data but because there are 491 events

264  
00:13:32,299 --> 00:13:41,329  
that the composite across all of those

265  
00:13:36,460 --> 00:13:44,810  
those individual samples has a z score

266  
00:13:41,330 --> 00:13:47,690  
of seven that's seven sigma effect so

267  
00:13:44,809 --> 00:13:49,639  
it's non-trivial this is exactly the

268  
00:13:47,690 --> 00:13:53,270  
same data presented and the format I've

269  
00:13:49,639 --> 00:13:57,610  
used for the individual event here you

270  
00:13:53,269 --> 00:14:00,470  
can see there are up zag zig zags but

271  
00:13:57,610 --> 00:14:03,220

the trend because of the preponderance

272

00:14:00,470 --> 00:14:07,279

of data that go in the direction we're

273

00:14:03,220 --> 00:14:09,379

expecting or predicting it will produces

274

00:14:07,279 --> 00:14:12,769

a line that just goes further and

275

00:14:09,379 --> 00:14:17,929

further away from what's expected the

276

00:14:12,769 --> 00:14:21,169

horizontal trend and this is a way of

277

00:14:17,929 --> 00:14:23,269

showing how we do controls you can

278

00:14:21,169 --> 00:14:24,740

sample all of the data which are not in

279

00:14:23,269 --> 00:14:26,179

the events that's about ninety-eight

280

00:14:24,740 --> 00:14:29,509

percent of the data or you can do

281

00:14:26,179 --> 00:14:34,809

something like just a computer

282

00:14:29,509 --> 00:14:38,750

simulation of what we can think of as

283

00:14:34,809 --> 00:14:41,359

pseudo series and that produces a cloud

284

00:14:38,750 --> 00:14:43,730

of data like in this gray these gray

285

00:14:41,360 --> 00:14:46,100

lines and again you can see easily see

286  
00:14:43,730 --> 00:14:51,920  
that the real data are very different

287  
00:14:46,100 --> 00:14:53,810  
from from what's in that picture so what

288  
00:14:51,919 --> 00:14:55,639  
kinds of things are important I'll talk

289  
00:14:53,809 --> 00:14:58,959  
a little bit about that and then move on

290  
00:14:55,639 --> 00:15:03,350  
to how it might work mass consciousness

291  
00:14:58,960 --> 00:15:05,870  
seems to be part of the picture

292  
00:15:03,350 --> 00:15:07,769  
we need to we're looking for powerful

293  
00:15:05,870 --> 00:15:10,649  
emotions but shared

294  
00:15:07,769 --> 00:15:14,610  
and I think it's important and this will

295  
00:15:10,649 --> 00:15:16,619  
become obvious later when we're talking

296  
00:15:14,610 --> 00:15:19,220  
about how it might be working the

297  
00:15:16,619 --> 00:15:23,220  
experimenter has to be willing to accept

298  
00:15:19,220 --> 00:15:26,040  
the data as they come and we know from

299  
00:15:23,220 --> 00:15:30,149  
analysis that events that have really

300  
00:15:26,039 --> 00:15:35,099  
large numbers of people engaged produce

301  
00:15:30,149 --> 00:15:37,048  
bigger effects than small event yeah an

302  
00:15:35,100 --> 00:15:39,808  
interesting one that lots of people are

303  
00:15:37,048 --> 00:15:41,428  
interested to check out is the question

304  
00:15:39,808 --> 00:15:44,480  
whether a positive event will have a

305  
00:15:41,428 --> 00:15:47,698  
stronger effect than a negative event is

306  
00:15:44,480 --> 00:15:50,789  
new years better than a terrorist attack

307  
00:15:47,698 --> 00:15:52,378  
the answer is that at best you know we

308  
00:15:50,789 --> 00:15:55,169  
can do this kind of thing by

309  
00:15:52,379 --> 00:15:58,199  
categorizing they're pretty much similar

310  
00:15:55,169 --> 00:16:01,198  
either one as long as it gathers us all

311  
00:15:58,198 --> 00:16:03,899  
together will produce about the same

312  
00:16:01,198 --> 00:16:05,698  
kind of effect it does need to be

313  
00:16:03,899 --> 00:16:09,239  
generally speaking something like

314

00:16:05,698 --> 00:16:12,748  
intense or unique shocking surprising

315  
00:16:09,239 --> 00:16:15,329  
arresting or deeply moving so what we're

316  
00:16:12,749 --> 00:16:17,879  
talking about is emotions but shared

317  
00:16:15,328 --> 00:16:21,289  
emotions and it turns out I'll show you

318  
00:16:17,879 --> 00:16:24,058  
a picture of this being awake and aware

319  
00:16:21,289 --> 00:16:25,259  
allows us to contribute to what we're

320  
00:16:24,058 --> 00:16:28,198  
thinking of as a kind of global

321  
00:16:25,259 --> 00:16:32,759  
consciousness but more than when we're

322  
00:16:28,198 --> 00:16:35,969  
asleep I'll show you a picture of a

323  
00:16:32,759 --> 00:16:38,129  
moment analysis by Peter Ben self who I

324  
00:16:35,970 --> 00:16:42,589  
think has talked about and definitely

325  
00:16:38,129 --> 00:16:45,240  
has published an article or two in JSE

326  
00:16:42,589 --> 00:16:48,779  
categorizing the many events that we

327  
00:16:45,240 --> 00:16:50,278  
have we can ask things like this

328  
00:16:48,778 --> 00:16:53,909

question about the numbers of people

329

00:16:50,278 --> 00:16:56,068

involved if we do just large and small

330

00:16:53,909 --> 00:16:58,379

the difference is actually significant

331

00:16:56,068 --> 00:17:01,110

but there is a tendency for larger

332

00:16:58,379 --> 00:17:05,000

events to be better we can categorize

333

00:17:01,110 --> 00:17:08,568

events by almost any standard one that I

334

00:17:05,000 --> 00:17:11,278

have done is separate emotions like fear

335

00:17:08,568 --> 00:17:14,490

love compassion and so forth how much

336

00:17:11,278 --> 00:17:17,669

does the event show or embody compassion

337

00:17:14,490 --> 00:17:18,940

turns out that if the events that do

338

00:17:17,669 --> 00:17:20,800

that

339

00:17:18,940 --> 00:17:26,380

produce the largest effects that we see

340

00:17:20,799 --> 00:17:30,639

just about here's the figure I've been

341

00:17:26,380 --> 00:17:35,380

advertising the blue line that we waves

342

00:17:30,640 --> 00:17:39,610

up and down is data from the events data

343  
00:17:35,380 --> 00:17:45,280  
collected during the event over and

344  
00:17:39,609 --> 00:17:48,519  
there's two cycles of 24 hours so over

345  
00:17:45,279 --> 00:17:50,170  
here where that where the effect size is

346  
00:17:48,519 --> 00:17:53,349  
smallest is in the middle of the night

347  
00:17:50,170 --> 00:17:56,560  
about 3:00 in the morning this is 6:00

348  
00:17:53,349 --> 00:18:00,789  
p.m. I guess everybody is like getting

349  
00:17:56,559 --> 00:18:02,259  
ready to eat or something okay and down

350  
00:18:00,789 --> 00:18:05,609  
below is a kind of what you might think

351  
00:18:02,259 --> 00:18:09,129  
of as the the rest of the picture that's

352  
00:18:05,609 --> 00:18:12,789  
when we're there are none no events it's

353  
00:18:09,130 --> 00:18:15,610  
just what the data look like normally so

354  
00:18:12,789 --> 00:18:18,129  
we are contributing to whatever's going

355  
00:18:15,609 --> 00:18:24,429  
on in these data when were awake much

356  
00:18:18,130 --> 00:18:26,770  
more stronger than when we're asleep a

357  
00:18:24,430 --> 00:18:29,019  
long perspective if we look at all the

358  
00:18:26,769 --> 00:18:34,990  
data not just the ones in the events we

359  
00:18:29,019 --> 00:18:37,180  
have a figure that some some somebody

360  
00:18:34,990 --> 00:18:41,589  
contacted me said I was looking for

361  
00:18:37,180 --> 00:18:44,500  
something that was familiar had a

362  
00:18:41,589 --> 00:18:51,129  
familiar form to the graph that you call

363  
00:18:44,500 --> 00:18:54,819  
your long long term picture

364  
00:18:51,130 --> 00:19:00,730  
you said the dollar index seems to track

365  
00:18:54,819 --> 00:19:06,549  
that pretty well so we I did the graphs

366  
00:19:00,730 --> 00:19:07,720  
and or he did and it turns out that I

367  
00:19:06,549 --> 00:19:11,470  
guess you can't see it for some reason

368  
00:19:07,720 --> 00:19:14,440  
on this figure but it continues up to

369  
00:19:11,470 --> 00:19:16,450  
now I should note that presidential

370  
00:19:14,440 --> 00:19:18,700  
approval ratings track about the same

371

00:19:16,450 --> 00:19:22,180  
way so this is just correlation not

372  
00:19:18,700 --> 00:19:24,970  
causation so a couple of different kinds

373  
00:19:22,180 --> 00:19:28,250  
of models seem to be

374  
00:19:24,970 --> 00:19:31,009  
most likely or at least lots of people

375  
00:19:28,250 --> 00:19:34,669  
propose them one of them is that this is

376  
00:19:31,009 --> 00:19:36,679  
an old experimenter effect and it's I

377  
00:19:34,669 --> 00:19:38,419  
try to be agnostic about it but it seems

378  
00:19:36,679 --> 00:19:42,169  
to me to be very unlikely I'm

379  
00:19:38,419 --> 00:19:44,450  
responsible for all the big rather large

380  
00:19:42,169 --> 00:19:48,710  
changes in data in a network that

381  
00:19:44,450 --> 00:19:50,590  
expands or covers the whole world there

382  
00:19:48,710 --> 00:19:55,900  
some of the arguments are though like

383  
00:19:50,589 --> 00:20:01,548  
Helmut Schmidt said well a more familiar

384  
00:19:55,900 --> 00:20:03,230  
idea is feedback from the future it may

385  
00:20:01,548 --> 00:20:06,500

said my prediction Roger Nelson

386

00:20:03,230 --> 00:20:08,419

predictions are better than the other

387

00:20:06,500 --> 00:20:10,039

people make predictions and it turns

388

00:20:08,419 --> 00:20:11,110

they are but it's not a significant

389

00:20:10,039 --> 00:20:15,109

difference

390

00:20:11,109 --> 00:20:17,329

Peter been cell says there can't be any

391

00:20:15,109 --> 00:20:20,149

side without intention because we have

392

00:20:17,329 --> 00:20:22,579

an XOR I don't have time to go into the

393

00:20:20,150 --> 00:20:23,960

details but I think that there's a

394

00:20:22,579 --> 00:20:27,109

problem in that kind of reasoning

395

00:20:23,960 --> 00:20:30,259

because we there may be something going

396

00:20:27,109 --> 00:20:34,539

on there's not just bits

397

00:20:30,259 --> 00:20:40,990

moving on to and the another kind of

398

00:20:34,539 --> 00:20:45,440

possible source we have evidence that

399

00:20:40,990 --> 00:20:49,730

there can be something like PK happening

400  
00:20:45,440 --> 00:20:51,740  
and the result is correlation of between

401  
00:20:49,730 --> 00:20:54,620  
these devices which are separated by

402  
00:20:51,740 --> 00:20:57,500  
thousands of kilometers and we have

403  
00:20:54,619 --> 00:21:03,289  
about a dozen different parameters that

404  
00:20:57,500 --> 00:21:05,450  
won't fit the the model of the

405  
00:21:03,289 --> 00:21:08,329  
experimenter effect but will fit into a

406  
00:21:05,450 --> 00:21:11,808  
PK model I'm sorry I have run out of

407  
00:21:08,329 --> 00:21:14,418  
time so I won't be able to talk about

408  
00:21:11,808 --> 00:21:19,369  
this in any kind of detail but I would

409  
00:21:14,419 --> 00:21:21,290  
at it I'm thinking about and more and

410  
00:21:19,369 --> 00:21:23,899  
more deeply convinced that a model based

411  
00:21:21,289 --> 00:21:26,869  
on something like David bones implicit

412  
00:21:23,900 --> 00:21:28,370  
order might make some sense that what

413  
00:21:26,869 --> 00:21:33,299  
we're really talking about is something

414  
00:21:28,369 --> 00:21:36,029  
like active information

415  
00:21:33,299 --> 00:21:39,960  
that can be actualized if there's a need

416  
00:21:36,029 --> 00:21:42,539  
for it and experiments which provide a

417  
00:21:39,960 --> 00:21:44,460  
need for the information that could

418  
00:21:42,539 --> 00:21:48,839  
structure what's happening to say a

419  
00:21:44,460 --> 00:21:53,880  
random number generator or a system that

420  
00:21:48,839 --> 00:21:56,849  
produces correlations and so it could be

421  
00:21:53,880 --> 00:21:59,060  
that there's active information then is

422  
00:21:56,849 --> 00:22:02,039  
actualized because there's a need for it

423  
00:21:59,059 --> 00:22:03,629  
created by an experimenter so there is

424  
00:22:02,039 --> 00:22:06,960  
an experimenter effect but I think it's

425  
00:22:03,630 --> 00:22:19,830  
just in doing the experiment so thank

426  
00:22:06,960 --> 00:22:22,259  
you in the healing research that I do i

427  
00:22:19,829 --> 00:22:25,169  
I've come to the reasonably similar

428

00:22:22,259 --> 00:22:26,819  
conclusion that healing is not something

429  
00:22:25,170 --> 00:22:31,039  
that happens to just between two people

430  
00:22:26,819 --> 00:22:33,929  
it's rather a response to need yeah I

431  
00:22:31,039 --> 00:22:38,069  
said I think healing is more a response

432  
00:22:33,930 --> 00:22:40,740  
to need and so I'm wondering in the

433  
00:22:38,069 --> 00:22:45,869  
spirit of connections that could be all

434  
00:22:40,740 --> 00:22:47,819  
over the place Roger with regard I want

435  
00:22:45,869 --> 00:22:50,159  
to ask the question about polarity you

436  
00:22:47,819 --> 00:22:52,529  
talked about sometimes the curves go up

437  
00:22:50,160 --> 00:22:55,560  
and sometimes the curves go down and my

438  
00:22:52,529 --> 00:22:57,000  
understanding is that and and please

439  
00:22:55,559 --> 00:23:01,139  
correct me but my understanding is that

440  
00:22:57,000 --> 00:23:04,349  
you have a bunch of microscopic

441  
00:23:01,140 --> 00:23:07,860  
measurements you're making and then you

442  
00:23:04,349 --> 00:23:11,490

do some kind of manipulation on that to

443

00:23:07,859 --> 00:23:12,990

try to eliminate drift in your

444

00:23:11,490 --> 00:23:17,809

instrument and bias and all that kind of

445

00:23:12,990 --> 00:23:21,089

stuff so one way to say that is you're

446

00:23:17,809 --> 00:23:23,339

you're making a measurement of many many

447

00:23:21,089 --> 00:23:24,720

variables all those bits that are going

448

00:23:23,339 --> 00:23:27,299

to get X or it or whatever you talk

449

00:23:24,720 --> 00:23:30,690

about that's a measurement in some high

450

00:23:27,299 --> 00:23:32,339

dimensionality space it 56

451

00:23:30,690 --> 00:23:33,870

dimensionality space or 64

452

00:23:32,339 --> 00:23:36,480

dimensionality space or whatever it is

453

00:23:33,869 --> 00:23:38,759

and then you're choosing some direction

454

00:23:36,480 --> 00:23:40,940

in that 64 dimensional space and you're

455

00:23:38,759 --> 00:23:42,480

saying I'm going to call this direction

456

00:23:40,940 --> 00:23:43,919

positive and then the Oh

457  
00:23:42,480 --> 00:23:46,950  
direction is negative or something like

458  
00:23:43,919 --> 00:23:49,669  
that and so I want to ask you know how

459  
00:23:46,950 --> 00:23:54,380  
do you choose that orientation of your

460  
00:23:49,669 --> 00:23:58,290  
of your vector in that hilbert space and

461  
00:23:54,380 --> 00:24:02,490  
does that affect what the positive or

462  
00:23:58,289 --> 00:24:05,730  
negative means in your result I chose

463  
00:24:02,490 --> 00:24:07,440  
the directions for the predictions in a

464  
00:24:05,730 --> 00:24:09,539  
kind of three dimensional space in which

465  
00:24:07,440 --> 00:24:12,150  
we did these field ret experiments for a

466  
00:24:09,539 --> 00:24:14,909  
long time what we knew was that we

467  
00:24:12,150 --> 00:24:17,370  
weren't there wasn't an intention to

468  
00:24:14,910 --> 00:24:19,529  
push the data in one direction or the

469  
00:24:17,369 --> 00:24:21,839  
other direction so we're asking is is

470  
00:24:19,529 --> 00:24:25,168  
there an expansion the increase in the

471  
00:24:21,839 --> 00:24:29,459  
variant and that I plot as a as a an

472  
00:24:25,169 --> 00:24:33,140  
increasing deviation I trend away from

473  
00:24:29,460 --> 00:24:42,360  
in the positive direction so I don't

474  
00:24:33,140 --> 00:24:44,970  
know about 54 dimensions Thanks I was

475  
00:24:42,359 --> 00:24:50,490  
was hoping to clarify something I didn't

476  
00:24:44,970 --> 00:24:53,429  
quite understand about the about the way

477  
00:24:50,490 --> 00:24:55,650  
you do local time zones and things like

478  
00:24:53,429 --> 00:25:03,769  
the analysis of bigger effects when

479  
00:24:55,650 --> 00:25:06,960  
people are awake so how do you do the

480  
00:25:03,769 --> 00:25:10,139  
time zone analysis with New Year's Eve

481  
00:25:06,960 --> 00:25:12,058  
when you're apparently analyzing

482  
00:25:10,140 --> 00:25:13,740  
something in local time zones but you've

483  
00:25:12,058 --> 00:25:17,548  
got a network scattered all over the

484  
00:25:13,740 --> 00:25:20,069  
world you should talk with Peter pencil

485

00:25:17,548 --> 00:25:22,769  
for the details about it but essentially

486  
00:25:20,069 --> 00:25:25,980  
what it amounts to is looking at the

487  
00:25:22,769 --> 00:25:29,220  
data which are correlations between

488  
00:25:25,980 --> 00:25:31,259  
these devices in a time zone while

489  
00:25:29,220 --> 00:25:35,819  
people are awake and then concatenate

490  
00:25:31,259 --> 00:25:37,558  
the ones concatenating the corresponding

491  
00:25:35,819 --> 00:25:41,069  
ones in the next time zone when people

492  
00:25:37,558 --> 00:25:46,168  
are awake does that answer the question

493  
00:25:41,069 --> 00:25:48,298  
I think so you can't possibly answer

494  
00:25:46,169 --> 00:25:51,509  
this here but please put all of your

495  
00:25:48,298 --> 00:25:52,470  
analysis details in on a JSC article

496  
00:25:51,509 --> 00:25:55,619  
sometime soon

497  
00:25:52,470 --> 00:25:58,500  
yeah okay

498  
00:25:55,619 --> 00:26:00,449  
currently it sounds like you're looking

499  
00:25:58,500 --> 00:26:02,038

at world events and then backtracking

500

00:26:00,450 --> 00:26:03,690  
that to the data to find the the

501

00:26:02,038 --> 00:26:06,269  
correlation across these different re

502

00:26:03,690 --> 00:26:08,640  
G's right is there a way given your

503

00:26:06,269 --> 00:26:11,879  
current state with the technology to

504

00:26:08,640 --> 00:26:14,640  
regionalize and network the re GS

505

00:26:11,880 --> 00:26:15,990  
looking for local regional coherence and

506

00:26:14,640 --> 00:26:17,340  
then have some kind of signaling

507

00:26:15,990 --> 00:26:19,798  
mechanisms say hey there's a lot of

508

00:26:17,339 --> 00:26:21,928  
coherence within you know you know this

509

00:26:19,798 --> 00:26:24,929  
particular region and then back that

510

00:26:21,929 --> 00:26:25,620  
track that to a concurrent event hmm

511

00:26:24,929 --> 00:26:29,038  
does that make sense

512

00:26:25,619 --> 00:26:31,109  
well the last I'm not so sure about the

513

00:26:29,038 --> 00:26:34,440  
last part but the first part yes it is

514  
00:26:31,109 --> 00:26:36,569  
possible I'm hoping that other people

515  
00:26:34,440 --> 00:26:38,429  
will be interested in in a sense

516  
00:26:36,569 --> 00:26:41,819  
replicating building a better network

517  
00:26:38,429 --> 00:26:44,700  
with now today this was started so long

518  
00:26:41,819 --> 00:26:47,490  
ago that storing a gigabyte or 10

519  
00:26:44,700 --> 00:26:50,490  
gigabytes was a lot of storage right so

520  
00:26:47,490 --> 00:26:51,690  
we need a lot more detailed information

521  
00:26:50,490 --> 00:26:54,329  
to do the kind of thing that you're

522  
00:26:51,690 --> 00:26:56,580  
talking about there needs to be I think

523  
00:26:54,329 --> 00:26:58,399  
a fairly a substantial number in each of

524  
00:26:56,579 --> 00:27:02,189  
the regions you might be interested in

525  
00:26:58,400 --> 00:27:04,370  
in order to get a you know big sample

526  
00:27:02,190 --> 00:27:08,038  
where you have lots of correlations that

527  
00:27:04,369 --> 00:27:09,389  
might or might not occur and I think the

528  
00:27:08,038 --> 00:27:13,890  
last thing you said was something like

529  
00:27:09,390 --> 00:27:15,570  
look for an event and then find look for

530  
00:27:13,890 --> 00:27:18,030  
a deviation in the data and then look

531  
00:27:15,569 --> 00:27:18,990  
for the event we can't afford to do that

532  
00:27:18,029 --> 00:27:21,690  
we don't do that

533  
00:27:18,990 --> 00:27:23,819  
because the world is very complicated so

534  
00:27:21,690 --> 00:27:25,769  
if you find a spike in the data and

535  
00:27:23,819 --> 00:27:27,990  
start looking around you'll find that's

536  
00:27:25,769 --> 00:27:29,369  
why I meant regionally coordinating so

537  
00:27:27,990 --> 00:27:31,140  
looking if you had some kind of

538  
00:27:29,369 --> 00:27:33,839  
mechanism to to sample the different

539  
00:27:31,140 --> 00:27:35,460  
RTGS in real time and then narrow your

540  
00:27:33,839 --> 00:27:37,769  
regional space so let's say I'm looking

541  
00:27:35,460 --> 00:27:40,200  
at only re G's in Texas for example and

542

00:27:37,769 --> 00:27:42,029  
then looking for a regional event in

543  
00:27:40,200 --> 00:27:43,380  
Texas that you know some having some

544  
00:27:42,029 --> 00:27:44,908  
kind of signaling mechanism to say

545  
00:27:43,380 --> 00:27:47,760  
there's a lot of coherence you know in

546  
00:27:44,909 --> 00:27:49,950  
this slice of time is there a concurrent

547  
00:27:47,759 --> 00:27:51,629  
ongoing event in that region of just

548  
00:27:49,950 --> 00:27:52,830  
these you know three or four re G's for

549  
00:27:51,630 --> 00:27:55,200  
example that make sense

550  
00:27:52,829 --> 00:27:57,449  
well we actually do have a very

551  
00:27:55,200 --> 00:27:58,950  
beginning you know like a rough kind of

552  
00:27:57,450 --> 00:28:02,279  
approximation to that if I'm

553  
00:27:58,950 --> 00:28:03,960  
understanding it correctly I mentioned

554  
00:28:02,279 --> 00:28:05,089  
small events large events what the

555  
00:28:03,960 --> 00:28:07,279  
smaller wins really

556  
00:28:05,089 --> 00:28:10,279

is something that's regional that

557

00:28:07,279 --> 00:28:12,889

somebody really wants to find out if

558

00:28:10,279 --> 00:28:14,869

this event makes an effect on the global

559

00:28:12,890 --> 00:28:17,330

network and the analysis that we

560

00:28:14,869 --> 00:28:20,419

formerly do covers the whole network but

561

00:28:17,329 --> 00:28:22,970

when you start looking at the effect of

562

00:28:20,420 --> 00:28:25,880

the distance separating these re G's you

563

00:28:22,970 --> 00:28:28,670

find that it matters if the event is a

564

00:28:25,880 --> 00:28:33,110

small one what that suggests is that the

565

00:28:28,670 --> 00:28:34,190

effect is local to some degree people in

566

00:28:33,109 --> 00:28:36,889

the rest of the world don't know about

567

00:28:34,190 --> 00:28:39,830

it even so the people who do know about

568

00:28:36,890 --> 00:28:42,410

it in that region have some effect on

569

00:28:39,829 --> 00:28:44,869

the device so if you set if you now do a

570

00:28:42,410 --> 00:28:47,360

correlation with a further separated re

571

00:28:44,869 --> 00:28:51,259

G it will be weaker because there's no

572

00:28:47,359 --> 00:28:55,949

person there yeah Thank You Roger

573

00:28:51,259 --> 00:28:55,950

[Applause]