



2022

1  
00:00:05,829 --> 00:00:03,189  
well it feels great to be back

2  
00:00:08,390 --> 00:00:05,839  
thank you so much for sticking by and

3  
00:00:11,190 --> 00:00:08,400  
jointly exploring this discursive path

4  
00:00:12,950 --> 00:00:11,200  
of consciousness theoretical physics and

5  
00:00:15,430 --> 00:00:12,960  
the philosophy of what fundamental

6  
00:00:17,189 --> 00:00:15,440  
reality even means here's an outline of

7  
00:00:19,429 --> 00:00:17,199  
what to expect from the theories of

8  
00:00:21,029 --> 00:00:19,439  
everything project the toe channel in

9  
00:00:22,870 --> 00:00:21,039  
the next few months and there are time

10  
00:00:25,349 --> 00:00:22,880  
stamps included for you to skip around

11  
00:00:26,550 --> 00:00:25,359  
january that is the next two weeks all

12  
00:00:27,509 --> 00:00:26,560  
of this will be done in the next two

13  
00:00:29,189 --> 00:00:27,519

weeks

14

00:00:31,509 --> 00:00:29,199

we're dedicated thematically to

15

00:00:33,750 --> 00:00:31,519

exploring mathematics limiting theorems

16

00:00:37,430 --> 00:00:33,760

and the understanding of free will

17

00:00:40,310 --> 00:00:37,440

guests include yoshibok john verveicky

18

00:00:42,150 --> 00:00:40,320

david walpart who by the way has three

19

00:00:44,229 --> 00:00:42,160

limiting theorems underneath his belt

20

00:00:47,029 --> 00:00:44,239

which is an unmatched feat stefan

21

00:00:48,630 --> 00:00:47,039

alexander of the autodidactic universe

22

00:00:50,549 --> 00:00:48,640

string theory in the autodidactic

23

00:00:52,630 --> 00:00:50,559

universe which is a machine learning

24

00:00:54,470 --> 00:00:52,640

model of physics whereby the universe

25

00:00:56,869 --> 00:00:54,480

generates its own laws or at least

26  
00:00:58,790 --> 00:00:56,879  
learns them in a manner akin to a

27  
00:01:00,630 --> 00:00:58,800  
restricted boltzmann machine at least in

28  
00:01:02,229 --> 00:01:00,640  
their first draft of the autodidactic

29  
00:01:04,869 --> 00:01:02,239  
universe we're also going to be talking

30  
00:01:07,990 --> 00:01:04,879  
to professor norman wildberger on why

31  
00:01:10,149 --> 00:01:08,000  
infinity isn't real and by extension the

32  
00:01:11,590 --> 00:01:10,159  
real numbers aren't necessarily real per

33  
00:01:13,670 --> 00:01:11,600  
se that is they don't correspond to

34  
00:01:16,230 --> 00:01:13,680  
something physical the reason to explore

35  
00:01:17,830 --> 00:01:16,240  
limiting theorems and no-go theorems is

36  
00:01:19,749 --> 00:01:17,840  
because many people are constructing

37  
00:01:22,149 --> 00:01:19,759  
their own theory of everything their own

38  
00:01:23,270 --> 00:01:22,159

toe and they do so

39

00:01:27,990 --> 00:01:23,280

with

40

00:01:30,390 --> 00:01:28,000

than a humility as they valiantly claim

41

00:01:32,310 --> 00:01:30,400

some fact that trivially violates some

42

00:01:34,069 --> 00:01:32,320

no-go theorem or known limiting theorem

43

00:01:36,230 --> 00:01:34,079

in math and physics without realizing

44

00:01:38,310 --> 00:01:36,240

that they are it's helpful to know when

45

00:01:40,390 --> 00:01:38,320

one is violating the bounds of what's

46

00:01:42,310 --> 00:01:40,400

considered to be possible or what's not

47

00:01:44,230 --> 00:01:42,320

possible and to subsequently show how

48

00:01:45,830 --> 00:01:44,240

you found a loophole by not using one of

49

00:01:48,230 --> 00:01:45,840

the assumptions that are integral to the

50

00:01:49,830 --> 00:01:48,240

no go theorem essentially knowledge of

51  
00:01:52,149 --> 00:01:49,840  
limiting theorems are useful to both

52  
00:01:53,510 --> 00:01:52,159  
those who are trying to understand toes

53  
00:01:54,789 --> 00:01:53,520  
and those who are trying to construct

54  
00:01:56,389 --> 00:01:54,799  
their own toll

55  
00:01:59,109 --> 00:01:56,399  
february is a month where we'll be

56  
00:02:01,590 --> 00:01:59,119  
exploring more of the topic of ufos and

57  
00:02:04,230 --> 00:02:01,600  
consciousness starting with salvatore

58  
00:02:06,550 --> 00:02:04,240  
pis soon i'll make a post soliciting

59  
00:02:07,990 --> 00:02:06,560  
questions for salvatore as first what i

60  
00:02:09,830 --> 00:02:08,000  
want to do is go through the navy

61  
00:02:11,670 --> 00:02:09,840  
patents with a fine-tooth comb go

62  
00:02:13,750 --> 00:02:11,680  
through his papers

63  
00:02:15,990 --> 00:02:13,760

and understand them salvatore has agreed

64

00:02:17,910 --> 00:02:16,000

to do two podcasts the first of which

65

00:02:20,150 --> 00:02:17,920

will be an introduction to his work and

66

00:02:22,470 --> 00:02:20,160

the second will answer any new or

67

00:02:24,630 --> 00:02:22,480

lingering questions that you have after

68

00:02:26,790 --> 00:02:24,640

ruminating over the first as well as in

69

00:02:28,869 --> 00:02:26,800

february george knapp and colm keller

70

00:02:30,550 --> 00:02:28,879

are coming on for a theolocution they're

71

00:02:32,390 --> 00:02:30,560

going to be discussing skinwalkers at

72

00:02:33,910 --> 00:02:32,400

the pentagon as they've at least

73

00:02:35,110 --> 00:02:33,920

privately disclosed to me that people

74

00:02:36,949 --> 00:02:35,120

have barely

75

00:02:39,190 --> 00:02:36,959

scraped the surface of that book during

76

00:02:41,190 --> 00:02:39,200

other interviews and podcasts also in

77

00:02:43,030 --> 00:02:41,200

february frank yang is coming up on

78

00:02:44,710 --> 00:02:43,040

consciousness carl fristen on

79

00:02:47,030 --> 00:02:44,720

consciousness as well and i can announce

80

00:02:49,670 --> 00:02:47,040

here for the first time that

81

00:02:51,509 --> 00:02:49,680

yoshibok and donald hoffman will be

82

00:02:53,350 --> 00:02:51,519

coming on for a theolocution on

83

00:02:54,869 --> 00:02:53,360

consciousness as well that's something

84

00:02:57,030 --> 00:02:54,879

we've been trying to schedule we've been

85

00:02:59,030 --> 00:02:57,040

scheduling back and forth for almost a

86

00:03:00,390 --> 00:02:59,040

year and finally it

87

00:03:02,390 --> 00:03:00,400

looks like it's going to arrive in the

88

00:03:04,550 --> 00:03:02,400

middle of february additionally and this

89

00:03:05,990 --> 00:03:04,560

is also in february herb mertz is going

90

00:03:08,070 --> 00:03:06,000

to be coming on to speak about the

91

00:03:09,270 --> 00:03:08,080

global consciousness project we'll be

92

00:03:10,710 --> 00:03:09,280

exploring the connection between

93

00:03:12,869 --> 00:03:10,720

consciousness and

94

00:03:15,430 --> 00:03:12,879

randomness which is a peculiar

95

00:03:18,470 --> 00:03:15,440

juxtaposition i'm aware however there's

96

00:03:21,350 --> 00:03:18,480

anomalous data with respect to rngs that

97

00:03:23,670 --> 00:03:21,360

is random number generators and

98

00:03:25,910 --> 00:03:23,680

high valence emotional events such as a

99

00:03:27,990 --> 00:03:25,920

measurable deviation in randomness

100

00:03:29,990 --> 00:03:28,000

during globally fractious events like

101  
00:03:31,990 --> 00:03:30,000  
911. it's a curious fact that these

102  
00:03:33,910 --> 00:03:32,000  
sensors and i'll be speaking in detail

103  
00:03:36,710 --> 00:03:33,920  
about what these sensors are that these

104  
00:03:39,030 --> 00:03:36,720  
sensors go off sometimes minutes prior

105  
00:03:41,030 --> 00:03:39,040  
to an actual event which indicates that

106  
00:03:43,670 --> 00:03:41,040  
consciousness either interacts backward

107  
00:03:45,750 --> 00:03:43,680  
in time or has some predictive powers

108  
00:03:47,110 --> 00:03:45,760  
still and we're in february i have to

109  
00:03:49,830 --> 00:03:47,120  
read these now we have a highly

110  
00:03:51,990 --> 00:03:49,840  
requested guest a h almas regarding

111  
00:03:54,149 --> 00:03:52,000  
consciousness as well as gary nolan

112  
00:03:56,789 --> 00:03:54,159  
regarding the physical evidence of ufo

113  
00:03:58,470 --> 00:03:56,799

interactions and noam chomsky

114

00:04:00,390 --> 00:03:58,480

is coming on for a one-on-one forget

115

00:04:02,229 --> 00:04:00,400

about live forget about ama it's coming

116

00:04:04,390 --> 00:04:02,239

on for one on one just about the

117

00:04:06,309 --> 00:04:04,400

philosophy of language and meaning i'm

118

00:04:07,910 --> 00:04:06,319

super super excited about that in

119

00:04:09,990 --> 00:04:07,920

particular because i don't know the last

120

00:04:12,309 --> 00:04:10,000

time i was able to speak privately to

121

00:04:14,710 --> 00:04:12,319

chomsky starting march i'm going to be

122

00:04:16,949 --> 00:04:14,720

placing an emphasis on choosing new

123

00:04:19,349 --> 00:04:16,959

professors instead of the

124

00:04:20,629 --> 00:04:19,359

standard podcast trope of interviewing

125

00:04:22,790 --> 00:04:20,639

the same people

126

00:04:24,710 --> 00:04:22,800

over and over which leads to

127

00:04:26,790 --> 00:04:24,720

invariably to this feedback loop where

128

00:04:29,030 --> 00:04:26,800

the already famous are interviewed on

129

00:04:30,790 --> 00:04:29,040

every podcast even right now i'm on the

130

00:04:32,550 --> 00:04:30,800

lookout for new professors with new

131

00:04:34,310 --> 00:04:32,560

lines of research professors who don't

132

00:04:36,469 --> 00:04:34,320

have their own channel nor have been

133

00:04:39,189 --> 00:04:36,479

interviewed by many people to bring

134

00:04:41,270 --> 00:04:39,199

fresh ideas to the fore much like we did

135

00:04:43,590 --> 00:04:41,280

with the michael levin interview which i

136

00:04:46,310 --> 00:04:43,600

highly recommend march will also be the

137

00:04:49,189 --> 00:04:46,320

month of exploring rigorous mathematical

138

00:04:51,430 --> 00:04:49,199

unification attempts such as that of

139

00:04:53,430 --> 00:04:51,440

edward frankl and the langlins program

140

00:04:54,950 --> 00:04:53,440

as well as kevin knuth has a new

141

00:04:56,550 --> 00:04:54,960

unannounced theory that links

142

00:04:58,629 --> 00:04:56,560

mathematics and physics

143

00:05:00,790 --> 00:04:58,639

and norman wildberger has a new model of

144

00:05:02,390 --> 00:05:00,800

mathematics starting march we're also

145

00:05:04,230 --> 00:05:02,400

going to be exploring more quantum

146

00:05:07,749 --> 00:05:04,240

gravity approaches like euclidean

147

00:05:10,230 --> 00:05:07,759

gravity and asymptotically safe gravity

148

00:05:12,310 --> 00:05:10,240

the latter of which is the only known

149

00:05:14,710 --> 00:05:12,320

quantum gravity approach that has some

150

00:05:16,390 --> 00:05:14,720

experimental validation and yet almost

151  
00:05:19,029 --> 00:05:16,400  
no one in the public sphere talks about

152  
00:05:21,189 --> 00:05:19,039  
it and it would be great to help change

153  
00:05:24,310 --> 00:05:21,199  
that there will also be the exploration

154  
00:05:26,230 --> 00:05:24,320  
of data on near-death experiences with

155  
00:05:29,350 --> 00:05:26,240  
dean raiden to be honest from my cursory

156  
00:05:30,950 --> 00:05:29,360  
glance at this data about 15 years ago

157  
00:05:32,629 --> 00:05:30,960  
and it lasted about 15 minutes i didn't

158  
00:05:33,590 --> 00:05:32,639  
do much research it seemed like there

159  
00:05:35,510 --> 00:05:33,600  
was

160  
00:05:37,350 --> 00:05:35,520  
so much data on it that the reports can

161  
00:05:39,029 --> 00:05:37,360  
be cherry-picked to indicate that

162  
00:05:41,430 --> 00:05:39,039  
consciousness survives after physical

163  
00:05:44,310 --> 00:05:41,440

death and i've had that inexorable

164

00:05:46,150 --> 00:05:44,320

mindset in me since i was a contaminious

165

00:05:48,310 --> 00:05:46,160

atheist however much of what i thought

166

00:05:50,629 --> 00:05:48,320

to be true turned out to be vastly

167

00:05:53,670 --> 00:05:50,639

incorrect and i'd like to explore the

168

00:05:55,909 --> 00:05:53,680

veracity of these nde claims rather than

169

00:05:57,510 --> 00:05:55,919

rejecting them prior to seriously

170

00:05:59,670 --> 00:05:57,520

looking into them i think it'll be a

171

00:06:01,270 --> 00:05:59,680

great deal of fun now for the middle of

172

00:06:03,510 --> 00:06:01,280

the year i'd like to start putting out

173

00:06:05,270 --> 00:06:03,520

more theo locutions i'd like the

174

00:06:06,950 --> 00:06:05,280

theories of everything project to be a

175

00:06:09,270 --> 00:06:06,960

place where academics can conduct

176

00:06:11,909 --> 00:06:09,280

research and collaborate in front of an

177

00:06:14,550 --> 00:06:11,919

audience for example mike 11 and carl

178

00:06:16,469 --> 00:06:14,560

fristen will be coming on together

179

00:06:18,309 --> 00:06:16,479

later this year with each fomenting

180

00:06:20,550 --> 00:06:18,319

ideas in the other in a speculative

181

00:06:21,990 --> 00:06:20,560

fashion grounded in their research much

182

00:06:24,230 --> 00:06:22,000

like what would happen behind the closed

183

00:06:26,150 --> 00:06:24,240

doors of academia except now it will be

184

00:06:27,830 --> 00:06:26,160

in front of you and by the way i use

185

00:06:29,189 --> 00:06:27,840

that term project the theories of

186

00:06:31,430 --> 00:06:29,199

everything project

187

00:06:33,350 --> 00:06:31,440

judiciously rather than saying podcast

188

00:06:35,909 --> 00:06:33,360

because there's a goal in mind with the

189

00:06:37,909 --> 00:06:35,919

toe channel that is decidedly not well

190

00:06:40,230 --> 00:06:37,919

let's just have a conversation it's best

191

00:06:43,270 --> 00:06:40,240

to think of toe as the project of

192

00:06:45,189 --> 00:06:43,280

explicating the scrupulous mathematical

193

00:06:47,110 --> 00:06:45,199

unification attempts

194

00:06:48,870 --> 00:06:47,120

first and foremost and secondarily

195

00:06:50,390 --> 00:06:48,880

understanding what consciousness is and

196

00:06:52,550 --> 00:06:50,400

what its constitutive role is to

197

00:06:54,390 --> 00:06:52,560

fundamental reality and thirdly

198

00:06:56,390 --> 00:06:54,400

investigating some of the

199

00:06:57,270 --> 00:06:56,400

mysteries of the universe such as times

200

00:06:59,350 --> 00:06:57,280

arrow

201  
00:07:00,629 --> 00:06:59,360  
origins of life by the way we're going

202  
00:07:03,749 --> 00:07:00,639  
to be doing that with brian keating and

203  
00:07:05,749 --> 00:07:03,759  
lee cronin soon the placebo effect etc

204  
00:07:08,150 --> 00:07:05,759  
hopefully this helps contextualize to

205  
00:07:10,070 --> 00:07:08,160  
abbreviate the toe project is more akin

206  
00:07:12,870 --> 00:07:10,080  
to dropping into a professor's office

207  
00:07:14,710 --> 00:07:12,880  
hours than it is a podcast per se and in

208  
00:07:17,430 --> 00:07:14,720  
fact maybe the podcast format will be

209  
00:07:19,430 --> 00:07:17,440  
dropped in a year or two i don't know

210  
00:07:21,110 --> 00:07:19,440  
but either way that leads me naturally

211  
00:07:23,270 --> 00:07:21,120  
to the next point toward the end of the

212  
00:07:25,430 --> 00:07:23,280  
year we'll be exploring more eastern

213  
00:07:28,710 --> 00:07:25,440

philosophies since as i've been studying

214

00:07:30,950 --> 00:07:28,720

for to both objectively that is the

215

00:07:33,350 --> 00:07:30,960

rational standard academic approach and

216

00:07:35,589 --> 00:07:33,360

subjectively that is experientially

217

00:07:37,749 --> 00:07:35,599

trying to live what's been preached a

218

00:07:39,830 --> 00:07:37,759

meditative a contemplative approach i'm

219

00:07:42,710 --> 00:07:39,840

beginning to see the utility and

220

00:07:44,950 --> 00:07:42,720

simultaneously this enveloping quality

221

00:07:47,430 --> 00:07:44,960

of language finding myself being drawn

222

00:07:49,749 --> 00:07:47,440

to that wittgensteinian forsaken ladder

223

00:07:51,430 --> 00:07:49,759

where the whole point of talking is to

224

00:07:53,110 --> 00:07:51,440

realize that there's no point in talking

225

00:07:55,189 --> 00:07:53,120

to this end i'll be exploring

226

00:07:57,110 --> 00:07:55,199

philosophies precipitated by the vedic

227

00:07:59,189 --> 00:07:57,120

traditions and at least attempting

228

00:08:00,869 --> 00:07:59,199

different meditative styles now i call

229

00:08:02,550 --> 00:08:00,879

this merging of the western form of

230

00:08:04,710 --> 00:08:02,560

knowledge and the eastern

231

00:08:06,710 --> 00:08:04,720

abbey gnosis you can think of it as an

232

00:08:08,790 --> 00:08:06,720

extension of the scientific enterprise

233

00:08:10,150 --> 00:08:08,800

albeit with an altered epistemology the

234

00:08:11,990 --> 00:08:10,160

latter half of the year is also

235

00:08:14,150 --> 00:08:12,000

dedicated to exploring some of the

236

00:08:16,550 --> 00:08:14,160

viewers theories of everything such as

237

00:08:19,189 --> 00:08:16,560

tyler goldstein's theory of everyone and

238

00:08:20,950 --> 00:08:19,199

steve agnew's matter action theory each

239

00:08:23,350 --> 00:08:20,960

of whom is active in the discord by the

240

00:08:25,029 --> 00:08:23,360

way and the link to both the discord and

241

00:08:26,790 --> 00:08:25,039

their work is in the description there

242

00:08:28,629 --> 00:08:26,800

are two more substantial announcements

243

00:08:30,710 --> 00:08:28,639

but first you should know that if you'd

244

00:08:33,670 --> 00:08:30,720

like to contribute to the toe channel

245

00:08:36,790 --> 00:08:33,680

then do consider going to [patreon.com](https://www.patreon.com)

246

00:08:39,509 --> 00:08:36,800

kurt jaimungle as the patrons and the

247

00:08:41,029 --> 00:08:39,519

sponsors like brilliant and even amjad

248

00:08:42,709 --> 00:08:41,039

hussein of course

249

00:08:45,190 --> 00:08:42,719

are the only reasons i'm able to do this

250

00:08:46,790 --> 00:08:45,200

full time currently it's just me kurt

251  
00:08:49,350 --> 00:08:46,800  
executing on everything from guest

252  
00:08:51,030 --> 00:08:49,360  
selection to guest booking to

253  
00:08:52,150 --> 00:08:51,040  
researching the papers which is

254  
00:08:54,230 --> 00:08:52,160  
endlessly

255  
00:08:56,949 --> 00:08:54,240  
fascinating but also time consuming to

256  
00:08:59,750 --> 00:08:56,959  
time stamping to editing the episodes

257  
00:09:01,590 --> 00:08:59,760  
and every dollar genuinely helps much

258  
00:09:03,910 --> 00:09:01,600  
more than you may think now on to the

259  
00:09:07,030 --> 00:09:03,920  
announcements i'm working on a toe

260  
00:09:08,710 --> 00:09:07,040  
manual what i call a tome and i imagine

261  
00:09:10,949 --> 00:09:08,720  
that by the end of the year it will be

262  
00:09:13,110 --> 00:09:10,959  
at a preliminary draft stage it will be

263  
00:09:14,790 --> 00:09:13,120

a rigorous explication of the tolls that

264

00:09:16,949 --> 00:09:14,800

i've encountered aimed at the graduate

265

00:09:19,110 --> 00:09:16,959

student level or at the sufficiently

266

00:09:20,870 --> 00:09:19,120

motivated undergraduate level it takes

267

00:09:22,870 --> 00:09:20,880

quite some time to write even a quarter

268

00:09:25,350 --> 00:09:22,880

of a page into this book so if you don't

269

00:09:27,590 --> 00:09:25,360

hear about it for another year then

270

00:09:29,509 --> 00:09:27,600

thank you for your patience the last

271

00:09:31,990 --> 00:09:29,519

announcement is to placate those who are

272

00:09:33,350 --> 00:09:32,000

more interested in veltan shaoongs that

273

00:09:35,190 --> 00:09:33,360

is a framework through which to

274

00:09:37,030 --> 00:09:35,200

interpret the world with an ontology

275

00:09:38,790 --> 00:09:37,040

that's consistent with action during one

276

00:09:40,870 --> 00:09:38,800

of the summer months of this year let's

277

00:09:42,630 --> 00:09:40,880

say july i'll dedicate that month to the

278

00:09:44,470 --> 00:09:42,640

more cognitive scientific theories of

279

00:09:46,790 --> 00:09:44,480

everything such as that of daniel

280

00:09:49,110 --> 00:09:46,800

schmottenberger greg henriques also has

281

00:09:52,070 --> 00:09:49,120

a theory of unified knowledge jordan

282

00:09:54,310 --> 00:09:52,080

hall and of course ian mcgilchrist i

283

00:09:56,070 --> 00:09:54,320

hope this compendium was useful to you

284

00:09:57,750 --> 00:09:56,080

and that you now have a clearer

285

00:09:59,990 --> 00:09:57,760

understanding of the trajectory thank

286

00:10:02,310 --> 00:10:00,000

you so much i'm glad you seem to be