



time travel is happening

1
00:00:00,270 --> 00:00:06,470
[Applause]

2
00:00:17,910 --> 00:00:08,310
we'll move on let's talk about time

3
00:00:22,550 --> 00:00:19,990
now we've talked about time slips before

4
00:00:24,230 --> 00:00:22,560
we've talked about how people will

5
00:00:27,029 --> 00:00:24,240
remember

6
00:00:29,349 --> 00:00:27,039
uh walking into a place

7
00:00:31,830 --> 00:00:29,359
and experience like walking into this

8
00:00:36,310 --> 00:00:31,840
old tavern and everything is

9
00:00:38,430 --> 00:00:36,320
is uh so uh precisely decorated with the

10
00:00:40,869 --> 00:00:38,440
the correct decor from like the

11
00:00:43,270 --> 00:00:40,879
mid-1800s and everyone's dressed that

12
00:00:45,029 --> 00:00:43,280
way and and even talks that way too and

13
00:00:47,670 --> 00:00:45,039

they stay overnight and they have this

14

00:00:49,910 --> 00:00:47,680

amazing experience and then

15

00:00:52,310 --> 00:00:49,920

they they realize later on after they

16

00:00:55,189 --> 00:00:52,320

drive away from that uh tavern is that

17

00:00:57,510 --> 00:00:55,199

oh my god that place burned down like 20

18

00:01:01,430 --> 00:00:57,520

years ago we stayed in a ghost tavern

19

00:01:03,029 --> 00:01:01,440

and we must have time slipped

20

00:01:04,070 --> 00:01:03,039

well we heard those stories over and

21

00:01:05,910 --> 00:01:04,080

over again

22

00:01:07,270 --> 00:01:05,920

and anyway just like clarifies time slip

23

00:01:09,190 --> 00:01:07,280

is that where they go into a place

24

00:01:11,270 --> 00:01:09,200

that's back in time or did they go back

25

00:01:13,030 --> 00:01:11,280

in time i think it's undetermined so i

26

00:01:13,990 --> 00:01:13,040

think when it comes to time slips you

27

00:01:15,429 --> 00:01:14,000

slip

28

00:01:16,630 --> 00:01:15,439

through time

29

00:01:19,350 --> 00:01:16,640

i think

30

00:01:22,550 --> 00:01:19,360

not necessary but maybe uh in reverse

31

00:01:25,590 --> 00:01:22,560

that that uh like hypothetically that

32

00:01:26,390 --> 00:01:25,600

tavern from the 1850s slips forward

33

00:01:28,469 --> 00:01:26,400

perhaps

34

00:01:30,550 --> 00:01:28,479

but from the stories that i've read

35

00:01:32,789 --> 00:01:30,560

where there are modern

36

00:01:35,030 --> 00:01:32,799

things like cell phones or or just

37

00:01:37,510 --> 00:01:35,040

mobile phones in general uh people who

38

00:01:38,950 --> 00:01:37,520

do go into these time slips their

39

00:01:40,550 --> 00:01:38,960

electronics don't work so they're not

40

00:01:42,710 --> 00:01:40,560

connecting to a cell tower so i think

41

00:01:43,510 --> 00:01:42,720

they're actually slipping to a different

42

00:01:51,190 --> 00:01:43,520

time

43

00:01:53,429 --> 00:01:51,200

at all you looked in the hole don't

44

00:01:56,469 --> 00:01:53,439

don't no no no no no no

45

00:01:58,149 --> 00:01:56,479

no no oh you went and looked in the hole

46

00:01:59,830 --> 00:01:58,159

what was the movie with christopher

47

00:02:01,350 --> 00:01:59,840

reeve remember this one where he like

48

00:02:03,910 --> 00:02:01,360

wheeled himself to go back in time

49

00:02:05,510 --> 00:02:03,920

somewhere one time yeah somewhere he

50

00:02:08,229 --> 00:02:05,520

sees a picture of a woman from like 100

51
00:02:09,830 --> 00:02:08,239
years ago he's so horny for that he like

52
00:02:11,350 --> 00:02:09,840
wills himself to go back in time so he

53
00:02:13,910 --> 00:02:11,360
can bang her

54
00:02:16,150 --> 00:02:13,920
yeah he was uh

55
00:02:17,670 --> 00:02:16,160
i think you correctly you gave the

56
00:02:19,190 --> 00:02:17,680
correct synopsis of the movie that was

57
00:02:21,830 --> 00:02:19,200
the official synopsis i read it right

58
00:02:24,309 --> 00:02:21,840
that's right off the poster he had uh

59
00:02:27,270 --> 00:02:24,319
christopher reeve aka superman

60
00:02:30,150 --> 00:02:27,280
what he did he saw uh this picture of

61
00:02:32,150 --> 00:02:30,160
this this woman in a museum and he saw

62
00:02:33,110 --> 00:02:32,160
oh my god she lived like a hundred years

63
00:02:35,190 --> 00:02:33,120

ago

64
00:02:36,710 --> 00:02:35,200
and but he came he became obsessed with

65
00:02:38,550 --> 00:02:36,720
this picture he kept visiting it

66
00:02:39,670 --> 00:02:38,560
probably getting in a giant erection

67
00:02:41,509 --> 00:02:39,680
every time he went to go visit this

68
00:02:43,190 --> 00:02:41,519
picture and he's like how can i go back

69
00:02:45,750 --> 00:02:43,200
in time i had to clean it off every

70
00:02:48,390 --> 00:02:45,760
morning so his his erection was so

71
00:02:50,710 --> 00:02:48,400
powerful it defied the laws of physics

72
00:02:52,869 --> 00:02:50,720
and he actually back in time by

73
00:02:54,550 --> 00:02:52,879
teleporting himself back in time so he

74
00:02:56,710 --> 00:02:54,560
could bang this broad

75
00:02:58,949 --> 00:02:56,720
and uh that's that's the movie it's it's

76

00:03:01,030 --> 00:02:58,959

actually kind of like a sweet movie if

77

00:03:03,589 --> 00:03:01,040

you kind of remove that kind of angle

78

00:03:05,270 --> 00:03:03,599

from it if you ignore three scenes yeah

79

00:03:07,350 --> 00:03:05,280

but um

80

00:03:09,830 --> 00:03:07,360

he did time travel because of his penis

81

00:03:12,229 --> 00:03:09,840

absolutely here's a picture of him

82

00:03:13,830 --> 00:03:12,239

in the movie uh suspicious he cannot see

83

00:03:16,070 --> 00:03:13,840

his left hand so he's uh yeah look at

84

00:03:17,750 --> 00:03:16,080

him he's got the stranger going and he's

85

00:03:18,790 --> 00:03:17,760

just looking at that photo

86

00:03:21,430 --> 00:03:18,800

he's looking at christopher reeve he's

87

00:03:23,190 --> 00:03:21,440

got one arm up against the wall and we

88

00:03:26,149 --> 00:03:23,200

don't know where his other arm is what's

89

00:03:28,229 --> 00:03:26,159

he doing here yeah look at that guy

90

00:03:29,990 --> 00:03:28,239

yeah he actually time traveled well this

91

00:03:32,149 --> 00:03:30,000

so he probably slipped through time he

92

00:03:34,229 --> 00:03:32,159

was probably like a time slip but he

93

00:03:35,750 --> 00:03:34,239

willed it he just didn't stumble into

94

00:03:37,589 --> 00:03:35,760

some time hole

95

00:03:39,910 --> 00:03:37,599

uh he wrote it

96

00:03:43,110 --> 00:03:39,920

double into a time hole and the trick

97

00:03:45,509 --> 00:03:43,120

that he used is that uh in order for him

98

00:03:46,630 --> 00:03:45,519

to travel through time he had to dress

99

00:03:49,350 --> 00:03:46,640

in the

100

00:03:51,350 --> 00:03:49,360

the exact garb of the time period that

101
00:03:53,429 --> 00:03:51,360
he was traveling to and he could not

102
00:03:55,910 --> 00:03:53,439
take anything from this time period

103
00:03:58,229 --> 00:03:55,920
current present time period with him or

104
00:03:59,509 --> 00:03:58,239
else it would negate his time traveling

105
00:04:00,710 --> 00:03:59,519
experience and that's exactly what

106
00:04:01,990 --> 00:04:00,720
happened to him i'm not going to ruin

107
00:04:03,350 --> 00:04:02,000
the movie for you if you guys want to

108
00:04:06,710 --> 00:04:03,360
check it out but

109
00:04:10,229 --> 00:04:06,720
uh he used the the power of the mind

110
00:04:13,429 --> 00:04:10,239
he used a brain frog incredible brain

111
00:04:15,750 --> 00:04:13,439
frog use the incredible brain frog to

112
00:04:17,030 --> 00:04:15,760
travel through time mentally and then he

113
00:04:18,870 --> 00:04:17,040

fights hitler wait no it's a different

114

00:04:20,310 --> 00:04:18,880

movie different movie i think that was a

115

00:04:23,830 --> 00:04:20,320

sequel i think they kind of nixed that

116

00:04:24,870 --> 00:04:23,840

one once he became a quadriplegic but

117

00:04:26,710 --> 00:04:24,880

i think they're going to video straight

118

00:04:27,830 --> 00:04:26,720

to video sequel it didn't do as well i

119

00:04:29,270 --> 00:04:27,840

think they're trying to get daniel

120

00:04:30,550 --> 00:04:29,280

baldwin to

121

00:04:32,070 --> 00:04:30,560

finally do that thing i think he's

122

00:04:34,150 --> 00:04:32,080

looking baldwin yeah he's looking for

123

00:04:35,430 --> 00:04:34,160

work can you believe that

124

00:04:36,790 --> 00:04:35,440

is he one of the is he the baldwin who's

125

00:04:38,390 --> 00:04:36,800

unrelated to the other baldwin or he

126

00:04:40,629 --> 00:04:38,400

wanted was related to the baldwins i

127

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

think daniel baldwin is the born-again

128

00:04:44,230 --> 00:04:42,960

christian i don't there's like seven

129

00:04:45,749 --> 00:04:44,240

bald ones

130

00:04:47,350 --> 00:04:45,759

there's too many ball wins but hey we

131

00:04:48,390 --> 00:04:47,360

got time slips to worry about maybe

132

00:04:50,710 --> 00:04:48,400

we'll see

133

00:04:52,550 --> 00:04:50,720

the ball wins in this

134

00:04:55,990 --> 00:04:52,560

weird wacky multiverse that we're all

135

00:04:59,670 --> 00:04:58,070

you're bound to run into a baldwin no

136

00:05:00,870 --> 00:04:59,680

matter what time period or universe you

137

00:05:01,990 --> 00:05:00,880

go to there's so many of them yeah

138

00:05:03,990 --> 00:05:02,000

there's one within a couple hundred feet

139

00:05:05,909 --> 00:05:04,000

of anybody of you at any given time so

140

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

yeah

141

00:05:10,469 --> 00:05:07,280

well this headline

142

00:05:13,189 --> 00:05:10,479

is time slips the multiverse and you

143

00:05:14,710 --> 00:05:13,199

this comes from psychology

144

00:05:15,830 --> 00:05:14,720

today

145

00:05:17,189 --> 00:05:15,840

and

146

00:05:19,270 --> 00:05:17,199

so as i was reading this article a

147

00:05:20,230 --> 00:05:19,280

little bit i was like who is psychology

148

00:05:22,469 --> 00:05:20,240

today

149

00:05:24,629 --> 00:05:22,479

um they are a pretty

150

00:05:26,310 --> 00:05:24,639

at least their their board of editors

151
00:05:29,110 --> 00:05:26,320
and their content generators they all

152
00:05:30,950 --> 00:05:29,120
have uh phds they all went to very

153
00:05:32,870 --> 00:05:30,960
reputable colleges

154
00:05:35,189 --> 00:05:32,880
and it's like so why are they talking

155
00:05:37,350 --> 00:05:35,199
about time slips as like they can't be

156
00:05:39,670 --> 00:05:37,360
talking about what we just described but

157
00:05:41,430 --> 00:05:39,680
i in fact i think that they are and here

158
00:05:43,110 --> 00:05:41,440
are the key points of this article the

159
00:05:45,110 --> 00:05:43,120
nature of time is one of the biggest

160
00:05:47,749 --> 00:05:45,120
mysteries in science scientists simply

161
00:05:49,830 --> 00:05:47,759
do not understand what time is the

162
00:05:52,310 --> 00:05:49,840
universe has a speed limit called the

163
00:05:54,390 --> 00:05:52,320

speed of light faster than which nothing

164

00:05:56,150 --> 00:05:54,400

in our universe can travel the

165

00:05:58,390 --> 00:05:56,160

multiverse theory explains how it could

166

00:06:01,670 --> 00:05:58,400

be possible for people to have traveled

167

00:06:02,950 --> 00:06:01,680

faster than light speed during time

168

00:06:05,270 --> 00:06:02,960

slips

169

00:06:07,830 --> 00:06:05,280

so what's psychology today is doing is

170

00:06:09,430 --> 00:06:07,840

that they're they're really examining

171

00:06:11,110 --> 00:06:09,440

the possibility of time slips i'm going

172

00:06:12,629 --> 00:06:11,120

to read a bit of this

173

00:06:13,670 --> 00:06:12,639

because i find it fascinating when you

174

00:06:14,790 --> 00:06:13,680

have

175

00:06:17,350 --> 00:06:14,800

uh

176
00:06:19,110 --> 00:06:17,360
academics like this start to go down the

177
00:06:21,830 --> 00:06:19,120
rabbit hole we actually saw i didn't i

178
00:06:23,749 --> 00:06:21,840
don't know if i read the article on air

179
00:06:26,950 --> 00:06:23,759
but a few weeks ago

180
00:06:29,350 --> 00:06:26,960
there are psychologists that are

181
00:06:31,430 --> 00:06:29,360
actively looking at the alien abduction

182
00:06:32,790 --> 00:06:31,440
phenomenon in a serious way they want to

183
00:06:35,909 --> 00:06:32,800
they want to see

184
00:06:38,629 --> 00:06:35,919
if that is a product of the mind like

185
00:06:41,830 --> 00:06:38,639
sleep paralysis or some different form

186
00:06:43,670 --> 00:06:41,840
of that uh some sort of like alien slip

187
00:06:45,430 --> 00:06:43,680
alien slip but

188
00:06:47,430 --> 00:06:45,440

at least they're taking it serious and

189

00:06:49,510 --> 00:06:47,440

with some psychology today talking about

190

00:06:51,589 --> 00:06:49,520

time slips we might be opening up a

191

00:06:53,189 --> 00:06:51,599

whole different new thing this might be

192

00:06:55,189 --> 00:06:53,199

some sort of bookmark we should pay

193

00:06:57,189 --> 00:06:55,199

attention to this because this might be

194

00:06:59,110 --> 00:06:57,199

a whole nother realm that they're trying

195

00:07:00,710 --> 00:06:59,120

to launch for the human experience we'll

196

00:07:02,710 --> 00:07:00,720

find out

197

00:07:04,390 --> 00:07:02,720

uh so the the nature of time is one of

198

00:07:05,350 --> 00:07:04,400

the biggest mysteries in science science

199

00:07:10,629 --> 00:07:05,360

simply

200

00:07:13,430 --> 00:07:10,639

what time is at least partially because

201
00:07:15,350 --> 00:07:13,440
uh it does not behave the same way in

202
00:07:17,350 --> 00:07:15,360
all circumstances for example did you

203
00:07:19,189 --> 00:07:17,360
know that clocks installed on an

204
00:07:22,230 --> 00:07:19,199
airplane or even

205
00:07:24,150 --> 00:07:22,240
further away on satellites record time

206
00:07:26,230 --> 00:07:24,160
at a different rate than here on earth

207
00:07:28,550 --> 00:07:26,240
did you know that gretchen do it say the

208
00:07:30,390 --> 00:07:28,560
first part of that statement

209
00:07:33,510 --> 00:07:30,400
for example did you know clocks

210
00:07:36,469 --> 00:07:33,520
installed on airplanes or even further

211
00:07:38,309 --> 00:07:36,479
away on satellites record

212
00:07:39,270 --> 00:07:38,319
time at a different rate than here on

213
00:07:41,749 --> 00:07:39,280

earth

214

00:07:43,270 --> 00:07:41,759

uh no and that first part sounds like

215

00:07:44,950 --> 00:07:43,280

[h__h] which is why i had to reread it

216

00:07:46,950 --> 00:07:44,960

because

217

00:07:49,670 --> 00:07:46,960

why would a clock installed in an

218

00:07:52,309 --> 00:07:49,680

airplane or in modern times

219

00:07:53,430 --> 00:07:52,319

everybody has a phone with them why

220

00:07:55,990 --> 00:07:53,440

would those be recording time

221

00:07:57,110 --> 00:07:56,000

differently i think they're she's going

222

00:07:59,350 --> 00:07:57,120

to

223

00:08:03,029 --> 00:07:59,360

the effect of gravity

224

00:08:04,390 --> 00:08:03,039

and that clocks in higher orbit

225

00:08:07,589 --> 00:08:04,400

are

226

00:08:09,270 --> 00:08:07,599

and so they they're actually like

227

00:08:11,350 --> 00:08:09,280

recording time slower like this the

228

00:08:12,710 --> 00:08:11,360

clock is moving slower for them time is

229

00:08:14,390 --> 00:08:12,720

a function of the

230

00:08:17,510 --> 00:08:14,400

the uh the

231

00:08:19,110 --> 00:08:17,520

the minute the the arc minutes of of the

232

00:08:20,869 --> 00:08:19,120

angles of the sun traveling across the

233

00:08:23,670 --> 00:08:20,879

horizon of the sky

234

00:08:25,029 --> 00:08:23,680

that doesn't change based on altitude

235

00:08:27,430 --> 00:08:25,039

i guess they're talking about the the

236

00:08:28,790 --> 00:08:27,440

vibration or do they oh what was the

237

00:08:30,390 --> 00:08:28,800

movie remember chris christopher was in

238

00:08:32,790 --> 00:08:30,400

a movie in the 80s and they would take

239

00:08:35,110 --> 00:08:32,800

airplanes in and travel back in time

240

00:08:37,829 --> 00:08:35,120

through airplanes

241

00:08:38,829 --> 00:08:37,839

um yes it's called millennia millennium

242

00:08:41,670 --> 00:08:38,839

thank

243

00:08:43,350 --> 00:08:41,680

you um maybe that's maybe and so you're

244

00:08:44,710 --> 00:08:43,360

getting abducted by chris

245

00:08:46,790 --> 00:08:44,720

and thus your clock is wrong you can

246

00:08:50,150 --> 00:08:46,800

look up there's an effect where clocks

247

00:08:52,150 --> 00:08:50,160

do run sync clocks at ground level will

248

00:08:55,269 --> 00:08:52,160

fall out of sync when that

249

00:08:56,870 --> 00:08:55,279

one clock goes higher in altitude or in

250

00:08:59,910 --> 00:08:56,880

orbit i have to look it up you got to

251
00:09:01,670 --> 00:08:59,920
look up that um but millennia that movie

252
00:09:04,630 --> 00:09:01,680
just a sidetracked there are time

253
00:09:07,269 --> 00:09:04,640
travelers who used plane crashes to

254
00:09:08,550 --> 00:09:07,279
abduct people so just before a plane

255
00:09:10,949 --> 00:09:08,560
would crash

256
00:09:13,590 --> 00:09:10,959
these time travelers would come into

257
00:09:15,829 --> 00:09:13,600
this time period abduct all the people

258
00:09:19,750 --> 00:09:15,839
that were reported to have died and take

259
00:09:21,269 --> 00:09:19,760
them to the future and replace uh their

260
00:09:23,190 --> 00:09:21,279
i guess whoever whoever was sitting in

261
00:09:25,910 --> 00:09:23,200
their seat with like a skeleton so when

262
00:09:28,230 --> 00:09:25,920
the plane crashed i said oh all hands on

263
00:09:30,310 --> 00:09:28,240

board died but meanwhile they were taken

264

00:09:34,310 --> 00:09:30,320

through a time hole to the future so

265

00:09:38,310 --> 00:09:36,070

i speculated something like that could

266

00:09:40,150 --> 00:09:38,320

happen with missing 411. yeah we talked

267

00:09:42,310 --> 00:09:40,160

about that yeah dimensional dimensional

268

00:09:43,750 --> 00:09:42,320

uh travel between uh like like wormholes

269

00:09:45,110 --> 00:09:43,760

that would open up between uh different

270

00:09:47,829 --> 00:09:45,120

dimensions and things yeah you're being

271

00:09:49,590 --> 00:09:47,839

taken to the future to repopulate things

272

00:09:50,550 --> 00:09:49,600

but i mean that's a side sciences but

273

00:09:51,750 --> 00:09:50,560

back to

274

00:09:54,790 --> 00:09:51,760

time slips

275

00:09:57,030 --> 00:09:54,800

uh we all know that a physical component

276

00:09:59,030 --> 00:09:57,040

that is measured by we all know that

277

00:10:00,710 --> 00:09:59,040

time is a physical component that is

278

00:10:03,430 --> 00:10:00,720

measured by clocks this physical

279

00:10:05,590 --> 00:10:03,440

component of time exists because things

280

00:10:08,310 --> 00:10:05,600

in people move around this in space the

281

00:10:11,509 --> 00:10:08,320

motion of the earth propels time forward

282

00:10:14,230 --> 00:10:11,519

in 24 hours days and

283

00:10:15,509 --> 00:10:14,240

365 days a year we physically experience

284

00:10:17,670 --> 00:10:15,519

time

285

00:10:19,750 --> 00:10:17,680

we experience ourselves and things move

286

00:10:22,150 --> 00:10:19,760

around this is obviously true when you

287

00:10:24,550 --> 00:10:22,160

think about different time zones this

288

00:10:26,069 --> 00:10:24,560

isn't the same time in new york as it is

289

00:10:27,110 --> 00:10:26,079

in sydney okay blah blah blah blah blah

290

00:10:28,230 --> 00:10:27,120

blah

291

00:10:30,230 --> 00:10:28,240

all right when you have a second i did

292

00:10:32,310 --> 00:10:30,240

find something on the clocks go for it

293

00:10:34,470 --> 00:10:32,320

all right so this is based on what's

294

00:10:36,470 --> 00:10:34,480

known as the the uh half lake heating

295

00:10:37,269 --> 00:10:36,480

experiment 1971

296

00:10:38,790 --> 00:10:37,279

uh

297

00:10:40,550 --> 00:10:38,800

physicists and astronomers took four

298

00:10:42,550 --> 00:10:40,560

cesium beam atomic clocks aboard

299

00:10:44,389 --> 00:10:42,560

commercial airliners they flew twice

300

00:10:45,910 --> 00:10:44,399

around the world this sounds like a scam

301
00:10:47,750 --> 00:10:45,920
flew twice around in the world first

302
00:10:49,750 --> 00:10:47,760
eastward then westward and compared the

303
00:10:51,190 --> 00:10:49,760
clocks against others that remained at

304
00:10:53,350 --> 00:10:51,200
the u.s naval observatory that's where

305
00:10:55,110 --> 00:10:53,360
they run the nuclear or the atomic clock

306
00:10:57,030 --> 00:10:55,120
uh when reunited the three sets of

307
00:10:58,310 --> 00:10:57,040
clocks were found to disagree with one

308
00:10:59,829 --> 00:10:58,320
another and their differences were

309
00:11:02,389 --> 00:10:59,839
consistent with the predictions of

310
00:11:04,470 --> 00:11:02,399
special gravity and general relativity

311
00:11:05,829 --> 00:11:04,480
interesting

312
00:11:07,590 --> 00:11:05,839
uh so basically the frame of reference

313
00:11:10,310 --> 00:11:07,600

which the clock is not at rest the clock

314

00:11:11,829 --> 00:11:10,320

runs more slowly this effect called time

315

00:11:15,990 --> 00:11:11,839

dilation has been confirmed in many

316

00:11:17,590 --> 00:11:16,000

tests of special relativity um

317

00:11:19,590 --> 00:11:17,600

a clock aboard the plane moving eastward

318

00:11:20,710 --> 00:11:19,600

in the direction of the oars rotation

319

00:11:22,949 --> 00:11:20,720

and this is what you're talking about

320

00:11:24,069 --> 00:11:22,959

had a greater velocity relatively than

321

00:11:25,509 --> 00:11:24,079

the one that remained on the ground

322

00:11:28,389 --> 00:11:25,519

where the clock aboard the plane moving

323

00:11:29,829 --> 00:11:28,399

westward had a lower velocity

324

00:11:31,190 --> 00:11:29,839

so you get some weird time delay that's

325

00:11:33,750 --> 00:11:31,200

a cool effect i want to get into this

326

00:11:36,230 --> 00:11:33,760

man that's freaking me out man it is

327

00:11:38,470 --> 00:11:36,240

pretty [h__h] crazy it is really that's

328

00:11:40,550 --> 00:11:38,480

sort of weird [h__h] it is it is pretty

329

00:11:41,829 --> 00:11:40,560

crazy stuff no doubt about that so as i

330

00:11:43,590 --> 00:11:41,839

think about that the reason that no one

331

00:11:46,230 --> 00:11:43,600

sees that now is because all your

332

00:11:48,389 --> 00:11:46,240

devices resync with the

333

00:11:50,230 --> 00:11:48,399

the network when you land and so

334

00:11:52,069 --> 00:11:50,240

everything gets synced back up and yeah

335

00:11:53,430 --> 00:11:52,079

we don't notice your milliseconds off or

336

00:11:55,269 --> 00:11:53,440

something probably michael oh man this

337

00:11:56,629 --> 00:11:55,279

is really freaking me out

338

00:11:59,350 --> 00:11:56,639

oh i'm sorry they measured this in

339

00:12:02,310 --> 00:11:59,360

nanoseconds okay so they went eastward

340

00:12:04,949 --> 00:12:02,320

it was 59 nanoseconds ahead as they went

341

00:12:06,629 --> 00:12:04,959

westward they were 273 nanoseconds

342

00:12:07,670 --> 00:12:06,639

behind

343

00:12:09,110 --> 00:12:07,680

interesting

344

00:12:12,069 --> 00:12:09,120

let's just goes down the same look at

345

00:12:13,990 --> 00:12:12,079

the crux of this so wow so while time in

346

00:12:16,790 --> 00:12:14,000

space are linked nothing can travel

347

00:12:18,710 --> 00:12:16,800

faster than the speed of light

348

00:12:20,790 --> 00:12:18,720

but what about uh otherwise credible

349

00:12:22,389 --> 00:12:20,800

reports made by those who claim to have

350

00:12:24,790 --> 00:12:22,399

traveled faster than the speed of light

351
00:12:26,389 --> 00:12:24,800
what about reports of actual time travel

352
00:12:28,470 --> 00:12:26,399
the internet is filled with stories

353
00:12:31,110 --> 00:12:28,480
about people insisting they experience

354
00:12:33,990 --> 00:12:31,120
jumps in time which are not merely one

355
00:12:37,430 --> 00:12:34,000
second person not merely one second per

356
00:12:39,509 --> 00:12:37,440
per second but decades or even hundreds

357
00:12:41,910 --> 00:12:39,519
of years these time anomalies or time

358
00:12:44,230 --> 00:12:41,920
slips are paranormal episodes during

359
00:12:46,230 --> 00:12:44,240
which someone or group of people somehow

360
00:12:49,829 --> 00:12:46,240
experience traveling through time

361
00:12:51,190 --> 00:12:49,839
without knowing how or why it occurred

362
00:12:54,310 --> 00:12:51,200
that's the time whole we're talking

363
00:12:57,110 --> 00:12:54,320

about here time holes in one account in

364

00:12:59,670 --> 00:12:57,120

oklahoma in the 1970s three workers were

365

00:13:00,710 --> 00:12:59,680

picked up by uh were picking up cattle

366

00:13:02,949 --> 00:13:00,720

feeders

367

00:13:05,430 --> 00:13:02,959

uh cattle feeder equipment uh from a

368

00:13:07,350 --> 00:13:05,440

farm and noticed a white house on the

369

00:13:10,310 --> 00:13:07,360

property when they came back next day

370

00:13:11,350 --> 00:13:10,320

however the house was not not only not

371

00:13:18,310 --> 00:13:11,360

there

372

00:13:20,550 --> 00:13:18,320

the same thing the prior day one

373

00:13:22,870 --> 00:13:20,560

possible explanation the house had

374

00:13:25,030 --> 00:13:22,880

existed in a different moment in time

375

00:13:26,150 --> 00:13:25,040

which they collectively experienced as

376

00:13:28,069 --> 00:13:26,160

reality

377

00:13:30,150 --> 00:13:28,079

whether or not stories like this are to

378

00:13:32,949 --> 00:13:30,160

be believed by others the people who

379

00:13:35,030 --> 00:13:32,959

recount them certainly believe them

380

00:13:38,150 --> 00:13:35,040

given what we know and what we don't

381

00:13:39,910 --> 00:13:38,160

know about how time works how might this

382

00:13:41,269 --> 00:13:39,920

happen or might how how might these

383

00:13:43,430 --> 00:13:41,279

stories happen

384

00:13:45,829 --> 00:13:43,440

one explanation is a credible but

385

00:13:49,030 --> 00:13:45,839

controversial scientific theory called

386

00:13:51,110 --> 00:13:49,040

multiverse theory the multiverse theory

387

00:13:54,230 --> 00:13:51,120

proposes that an infinite number of

388

00:13:56,870 --> 00:13:54,240

worlds exist along different paths

389

00:13:58,870 --> 00:13:56,880

in time which arise

390

00:14:00,790 --> 00:13:58,880

out of each passing moment suggesting

391

00:14:02,550 --> 00:14:00,800

that different things happen in

392

00:14:03,910 --> 00:14:02,560

different universes

393

00:14:06,389 --> 00:14:03,920

this is interesting i don't know if they

394

00:14:08,949 --> 00:14:06,399

wrote this article because of it but the

395

00:14:11,269 --> 00:14:08,959

new spider-man movie is all about the

396

00:14:13,829 --> 00:14:11,279

multiverse and

397

00:14:17,110 --> 00:14:13,839

it goes into the multiverse theory and

398

00:14:20,069 --> 00:14:17,120

how there is just uh different flavors

399

00:14:21,350 --> 00:14:20,079

of the same character or like minor

400

00:14:24,150 --> 00:14:21,360

differences

401
00:14:25,829 --> 00:14:24,160
uh create a whole new universe and so

402
00:14:27,509 --> 00:14:25,839
that they're writing that's the new one

403
00:14:29,430 --> 00:14:27,519
where spider-man sees a photo of a woman

404
00:14:31,110 --> 00:14:29,440
from 100 years ago that's a different

405
00:14:36,069 --> 00:14:31,120
movie

406
00:14:38,310 --> 00:14:36,079
called no way home which i saw

407
00:14:40,230 --> 00:14:38,320
on saturday and i gotta say it was a

408
00:14:41,590 --> 00:14:40,240
fantastic movie i really enjoyed it

409
00:14:43,269 --> 00:14:41,600
exactly i'll have to

410
00:14:45,189 --> 00:14:43,279
have to think about seeing that one

411
00:14:46,629 --> 00:14:45,199
sometime

412
00:14:47,990 --> 00:14:46,639
how many spider-man movies are there's

413
00:14:49,590 --> 00:14:48,000

like spider-man

414

00:14:52,949 --> 00:14:49,600

there's a lot of spider-man movies

415

00:14:55,030 --> 00:14:52,959

irving spider-man john spider-man

416

00:14:57,189 --> 00:14:55,040

but it was a it was a well-done movie

417

00:14:59,269 --> 00:14:57,199

and very entertaining and i had candy i

418

00:15:01,910 --> 00:14:59,279

had a lot of it and i sat there and ate

419

00:15:04,949 --> 00:15:01,920

a bunch of i did i'm a 44 year old man

420

00:15:07,509 --> 00:15:04,959

who was sitting there eating reese's and

421

00:15:09,430 --> 00:15:07,519

red vine licorice like i'm a 12 year old

422

00:15:11,110 --> 00:15:09,440

you're mixing fl that's gross you can't

423

00:15:13,910 --> 00:15:11,120

do like i didn't do them at the same

424

00:15:15,670 --> 00:15:13,920

time i did licorice first and then i

425

00:15:18,190 --> 00:15:15,680

moved on to my reese's

426

00:15:21,030 --> 00:15:18,200

you just had one in each hand

427

00:15:22,710 --> 00:15:21,040

[Applause]

428

00:15:24,710 --> 00:15:22,720

i was like

429

00:15:26,870 --> 00:15:24,720

shove it inject it give it all give it

430

00:15:29,110 --> 00:15:26,880

to me i'm gonna say you could you could

431

00:15:31,110 --> 00:15:29,120

just take a bag of sugar and a spoon if

432

00:15:33,590 --> 00:15:31,120

you want that okay inject it put it in

433

00:15:38,389 --> 00:15:35,829

so the multiverse theory

434

00:15:40,790 --> 00:15:38,399

so it not only sounds preposterous but

435

00:15:43,990 --> 00:15:40,800

also uh like

436

00:15:46,069 --> 00:15:44,000

it sounds not only preposterous but also

437

00:15:48,230 --> 00:15:46,079

like a lot of work for the universe

438

00:15:51,030 --> 00:15:48,240

imagine a new universe traveling along

439

00:15:53,030 --> 00:15:51,040

its own unique timeline created out of

440

00:15:55,110 --> 00:15:53,040

every moment of time this theory

441

00:15:57,430 --> 00:15:55,120

suggests that there may be an infinite

442

00:15:59,910 --> 00:15:57,440

number of universes it also explains how

443

00:16:02,069 --> 00:15:59,920

time slips might be real

444

00:16:04,870 --> 00:16:02,079

support for the multiverse theory comes

445

00:16:06,949 --> 00:16:04,880

from an arcane but scientifically valid

446

00:16:09,269 --> 00:16:06,959

big bang theory called cosmic inflation

447

00:16:12,069 --> 00:16:09,279

cosmic inflation refers to a faster and

448

00:16:15,030 --> 00:16:12,079

light expansion of the universe that may

449

00:16:18,550 --> 00:16:15,040

be responsible for spawning an unlimited

450

00:16:20,310 --> 00:16:18,560

number of disconnected universes that

451
00:16:21,670 --> 00:16:20,320
uh that are

452
00:16:26,710 --> 00:16:21,680
eternally

453
00:16:27,670 --> 00:16:26,720
what that how this is

454
00:16:29,430 --> 00:16:27,680
phrased

455
00:16:32,069 --> 00:16:29,440
universes that

456
00:16:33,430 --> 00:16:32,079
eternally issue from one another i don't

457
00:16:34,629 --> 00:16:33,440
know what this means that means they're

458
00:16:35,749 --> 00:16:34,639
constantly expanding from within each

459
00:16:37,670 --> 00:16:35,759
other so they issue from one to the

460
00:16:38,870 --> 00:16:37,680
other okay eternally issue from one

461
00:16:40,150 --> 00:16:38,880
another so i guess they're not colliding

462
00:16:41,590 --> 00:16:40,160
to one another

463
00:16:42,949 --> 00:16:41,600

generally refers to breeding and having

464

00:16:46,150 --> 00:16:42,959

children so your issue would be your

465

00:16:48,230 --> 00:16:46,160

children okay uh cosmic inflation may

466

00:16:49,670 --> 00:16:48,240

have happened because during the

467

00:16:52,069 --> 00:16:49,680

earliest instance of formation the

468

00:16:55,110 --> 00:16:52,079

universe was expanding outward from a

469

00:16:55,910 --> 00:16:55,120

single point into nothingness

470

00:16:57,910 --> 00:16:55,920

so

471

00:16:59,749 --> 00:16:57,920

whether or not the multiverse cosmic

472

00:17:01,670 --> 00:16:59,759

inflation or an infinite number of

473

00:17:04,549 --> 00:17:01,680

disconnected universes eternally

474

00:17:07,270 --> 00:17:04,559

branching off from one another is

475

00:17:09,429 --> 00:17:07,280

is the way time works remains to be

476

00:17:11,350 --> 00:17:09,439

proven by scientists but theories are

477

00:17:13,029 --> 00:17:11,360

intriguing and

478

00:17:14,949 --> 00:17:13,039

they solve for at least one famous

479

00:17:16,949 --> 00:17:14,959

problem scientists have

480

00:17:18,789 --> 00:17:16,959

have with time travel the grandfather

481

00:17:20,710 --> 00:17:18,799

paradox so

482

00:17:22,390 --> 00:17:20,720

this multiverse theory

483

00:17:24,309 --> 00:17:22,400

says you can

484

00:17:26,789 --> 00:17:24,319

travel back in time and have sex with

485

00:17:29,029 --> 00:17:26,799

your grandfather and it will not impact

486

00:17:32,789 --> 00:17:29,039

you because you're actually traveling

487

00:17:34,630 --> 00:17:32,799

back in time to a parallel dimension or

488

00:17:36,470 --> 00:17:34,640

parallel universe where you can do

489

00:17:38,870 --> 00:17:36,480

anything do you want to your grandfather

490

00:17:40,310 --> 00:17:38,880

there you could i thought

491

00:17:41,590 --> 00:17:40,320

to be fair mike if you go back in time

492

00:17:42,630 --> 00:17:41,600

and have sex with your grandfather i

493

00:17:43,830 --> 00:17:42,640

don't think there's going to be kids

494

00:17:45,430 --> 00:17:43,840

involved

495

00:17:47,110 --> 00:17:45,440

uh

496

00:17:48,310 --> 00:17:47,120

the odds aren't good

497

00:17:50,470 --> 00:17:48,320

yeah yeah

498

00:17:54,150 --> 00:17:50,480

you keep trying the odds aren't good

499

00:17:56,230 --> 00:17:54,160

that uh you're gonna do it but you know

500

00:17:57,750 --> 00:17:56,240

that's what i do

501
00:17:59,830 --> 00:17:57,760
but i mean that's how you get around the

502
00:18:01,909 --> 00:17:59,840
the grandfather paradox is with the

503
00:18:03,669 --> 00:18:01,919
multiverse is that you can you can go

504
00:18:05,029 --> 00:18:03,679
back in time and do stuff but it's not

505
00:18:08,630 --> 00:18:05,039
really

506
00:18:10,630 --> 00:18:08,640
your time it is a very similar time

507
00:18:12,390 --> 00:18:10,640
and i guess you can go back there and

508
00:18:14,950 --> 00:18:12,400
kill your grandfather and take over his

509
00:18:16,870 --> 00:18:14,960
place and live his life if you so choose

510
00:18:18,150 --> 00:18:16,880
but you're living in that parallel so

511
00:18:20,070 --> 00:18:18,160
everything might be just a little bit

512
00:18:22,150 --> 00:18:20,080
off but they go into this they go into

513
00:18:24,310 --> 00:18:22,160

this kind of thing also in the tv show

514

00:18:25,350 --> 00:18:24,320

the man in the high castle where it's a

515

00:18:28,310 --> 00:18:25,360

parallel

516

00:18:30,070 --> 00:18:28,320

universe or in one in which the the the

517

00:18:32,870 --> 00:18:30,080

nazi the third reich

518

00:18:34,390 --> 00:18:32,880

won and dominated pretty much the east

519

00:18:37,190 --> 00:18:34,400

coast of the united states and all of

520

00:18:40,549 --> 00:18:37,200

europe fascinating uh tv show to watch

521

00:18:42,789 --> 00:18:40,559

it's a book by philip k dick on that so

522

00:18:44,549 --> 00:18:42,799

uh yeah the the book is i found it to be

523

00:18:46,950 --> 00:18:44,559

a little hard to read but it's it's good

524

00:18:47,830 --> 00:18:46,960

yeah his stuff is just good in general

525

00:18:49,590 --> 00:18:47,840

um

526

00:18:51,990 --> 00:18:49,600

there was also a famously an episode of

527

00:18:53,750 --> 00:18:52,000

uh [h__h] what's in that show futurama

528

00:18:57,350 --> 00:18:53,760

where they go back in time and

529

00:18:59,350 --> 00:18:57,360

uh interacts with his own grandparents

530

00:19:01,270 --> 00:18:59,360

it's a it's a well well-known trope in

531

00:19:03,430 --> 00:19:01,280

uh in fiction

532

00:19:06,390 --> 00:19:03,440

so yeah it goes on to say that the

533

00:19:08,549 --> 00:19:06,400

multiverse theory solves for the paradox

534

00:19:11,029 --> 00:19:08,559

in that you could kill a copy of your

535

00:19:13,830 --> 00:19:11,039

grandfather in an alternate universe and

536

00:19:14,950 --> 00:19:13,840

therefore you would still have been born

537

00:19:16,310 --> 00:19:14,960

so you're trapped like i said you're

538

00:19:17,669 --> 00:19:16,320

traveling back in time and you're

539

00:19:20,310 --> 00:19:17,679

killing somebody

540

00:19:23,029 --> 00:19:20,320

who by elect looks exactly like your

541

00:19:25,190 --> 00:19:23,039

grandfather but he's not really your

542

00:19:27,270 --> 00:19:25,200

grandfather

543

00:19:29,029 --> 00:19:27,280

so kill all the old people you want back

544

00:19:30,070 --> 00:19:29,039

in time they don't care

545

00:19:31,830 --> 00:19:30,080

don't look at pictures of your

546

00:19:33,510 --> 00:19:31,840

grandparents and get really horny to go

547

00:19:35,669 --> 00:19:33,520

back in time and shoot them or no i

548

00:19:37,350 --> 00:19:35,679

guess you can right you can do it

549

00:19:38,470 --> 00:19:37,360

according to according to this new

550

00:19:40,310 --> 00:19:38,480

theory

551
00:19:42,549 --> 00:19:40,320
so this is from psychology today i found

552
00:19:44,390 --> 00:19:42,559
it to be interesting just because they

553
00:19:45,350 --> 00:19:44,400
they chose to write about this kind of

554
00:19:47,909 --> 00:19:45,360
thing

555
00:19:49,830 --> 00:19:47,919
and not uh

556
00:19:51,430 --> 00:19:49,840
kind of write it off like a time slip

557
00:19:54,310 --> 00:19:51,440
they didn't write off time holes in you

558
00:19:56,549 --> 00:19:54,320
know in a glib way they're like it could

559
00:19:58,150 --> 00:19:56,559
be possible but why if they were going

560
00:19:59,830 --> 00:19:58,160
to write this article in psychology

561
00:20:02,789 --> 00:19:59,840
today why wouldn't they title psychology

562
00:20:05,669 --> 00:20:02,799
yesterday i don't know or psychology in

563
00:20:09,110 --> 00:20:08,149

psychology time i don't know psychology

564

00:20:10,950 --> 00:20:09,120

whole

565

00:20:12,870 --> 00:20:10,960

psychology hole

566

00:20:15,190 --> 00:20:12,880

but uh there it is there's some time

567

00:20:17,350 --> 00:20:15,200

slips and it's gaining traction people

568

00:20:20,470 --> 00:20:17,360

gaining traction

569

00:20:24,549 --> 00:20:20,480

give us an email at hourpicturemonth

570

00:20:26,710 --> 00:20:24,559

gmail.com check out obdmport.com

571

00:20:27,180 --> 00:20:26,720

for all the social media and donation

572

00:20:31,029 --> 00:20:27,190

links