WEBVTT

NOTE duration:"01:06:29.3500000"

NOTE recognizability:0.816

NOTE language:en-us

NOTE Confidence: 0.94326176125
00:00:02.450 --> 00:00:03.538 All right. Welcome everyone.

NOTE Confidence: 0.94326176125
00:00:03.538 --> 00:00:05.770 Thank you for joining us.

NOTE Confidence: 0.94326176125
00:00:05.770 --> 00:00:07.070 We've got a treat today.

NOTE Confidence: 0.94326176125
00:00:07.070 --> 00:00:08.940 Laurie Paul in the philosophy

NOTE Confidence: 0.94326176125
00:00:08.940 --> 00:00:11.227 department is going to be speaking

NOTE Confidence: 0.94326176125
00:00:11.227 --> 00:00:15.298 to us about conceptions of of self

NOTE Confidence: 0.94326176125
00:00:15.298 --> 00:00:18.262 and change and how they interact

NOTE Confidence: 0.94326176125
00:00:18.262 --> 00:00:20.618 with the the profound experiences

NOTE Confidence: 0.94326176125
00:00:20.620 --> 00:00:23.050 that can come from psychedelics.

NOTE Confidence: 0.94326176125
00:00:23.050 --> 00:00:24.410 I do want to say just to everyone,

NOTE Confidence: 0.94326176125
00:00:24.410 --> 00:00:25.656 I want to apologize that I sent

NOTE Confidence: 0.94326176125
00:00:25.656 --> 00:00:27.068 out the wrong link to this meeting.

NOTE Confidence: 0.94326176125
00:00:27.070 --> 00:00:28.470 So I'm thrilled that such a large

NOTE Confidence: 0.94326176125

00:00:28.470 --> 00:00:29.790 number of people got the corrected

NOTE Confidence: 0.94326176125

00:00:29.790 --> 00:00:33.010 link so quickly and and are here,

NOTE Confidence: 0.94326176125

00:00:33.010 --> 00:00:34.065 and I apologize to anyone

NOTE Confidence: 0.94326176125

00:00:34.065 --> 00:00:35.340 who wasn't able to come even

NOTE Confidence: 0.810393731428571

00:00:35.350 --> 00:00:36.799 though they're not hearing me say this.

NOTE Confidence: 0.901384698

00:00:38.070 --> 00:00:39.870 Because of my error. So.

NOTE Confidence: 0.901384698

00:00:39.870 --> 00:00:41.235 But we've got a great crowd here.

NOTE Confidence: 0.901384698

00:00:41.240 --> 00:00:42.904 Laura, it's wonderful to have you join us.

NOTE Confidence: 0.901384698

00:00:42.910 --> 00:00:44.476 Thank you. And take it away.

NOTE Confidence: 0.82202279375

00:00:44.630 --> 00:00:47.070 OK. So thanks very much for having me.

NOTE Confidence: 0.82202279375

00:00:47.070 --> 00:00:50.524 I what I thought I would do is just

NOTE Confidence: 0.82202279375

00:00:50.524 --> 00:00:52.022 spend a little bit of time kind

NOTE Confidence: 0.82202279375

00:00:52.022 --> 00:00:53.549 of going through the structure,

NOTE Confidence: 0.82202279375

00:00:53.550 --> 00:00:55.275 the conceptual structure of transformative

NOTE Confidence: 0.82202279375

00:00:55.275 --> 00:00:57.000 experience as I understand it,

NOTE Confidence: 0.82202279375

00:00:57.000 --> 00:00:59.430 and draw some connections to psychedelic

NOTE Confidence: 0.82202279375

00:00:59.430 --> 00:01:03.570 experience along the way. I know that.

NOTE Confidence: 0.82202279375

00:01:03.570 --> 00:01:05.201 Lawyers often just talk for a while

NOTE Confidence: 0.82202279375

00:01:05.201 --> 00:01:06.639 and then people have questions.

NOTE Confidence: 0.82202279375

00:01:06.640 --> 00:01:09.076 Umm, I can either do that or

NOTE Confidence: 0.82202279375

00:01:09.076 --> 00:01:11.212 you can stop me as we go along.

NOTE Confidence: 0.82202279375

00:01:11.212 --> 00:01:12.460 I'm sort of happy with either.

NOTE Confidence: 0.82202279375

00:01:12.460 --> 00:01:14.032 But let me just start and

NOTE Confidence: 0.82202279375

00:01:14.032 --> 00:01:15.519 we can see where we go.

NOTE Confidence: 0.82202279375

00:01:15.520 --> 00:01:19.330 OK, so imagine that suddenly

NOTE Confidence: 0.82202279375

00:01:19.330 --> 00:01:21.616 a traversable wormhole,

NOTE Confidence: 0.82202279375

00:01:21.620 --> 00:01:22.916 which is a tunnel through space-time,

NOTE Confidence: 0.82202279375

00:01:22.920 --> 00:01:24.819 opens up a few miles from where you live.

NOTE Confidence: 0.82202279375

00:01:24.820 --> 00:01:26.500 OK, this is incredibly exciting.

NOTE Confidence: 0.82202279375

00:01:26.500 --> 00:01:29.204 And so you rushed to the scene and

NOTE Confidence: 0.82202279375

00:01:29.204 --> 00:01:31.173 discovered that physicists from around

NOTE Confidence: 0.82202279375

00:01:31.173 --> 00:01:33.895 the world have also flown into conducted.

NOTE Confidence: 0.82202279375

00:01:33.895 --> 00:01:34.260 Comments.

NOTE Confidence: 0.82202279375

00:01:34.260 --> 00:01:36.450 And in fact they're super keen

NOTE Confidence: 0.82202279375

00:01:36.518 --> 00:01:38.226 to get you to be a volunteer.

NOTE Confidence: 0.82202279375

00:01:38.230 --> 00:01:40.990 A research volunteer.

NOTE Confidence: 0.82202279375

00:01:40.990 --> 00:01:42.622 And what you're informed is that

NOTE Confidence: 0.82202279375

00:01:42.622 --> 00:01:44.450 if you agree to participate,

NOTE Confidence: 0.82202279375

00:01:44.450 --> 00:01:46.445 you're going to be sent through the

NOTE Confidence: 0.82202279375

00:01:46.445 --> 00:01:48.808 wormhole to an under an undisclosed location,

NOTE Confidence: 0.82202279375

00:01:48.808 --> 00:01:49.194 OK?

NOTE Confidence: 0.82202279375

00:01:49.194 --> 00:01:52.120 They assure you that it will be safe,

NOTE Confidence: 0.82202279375

00:01:52.120 --> 00:01:53.290 that the wormhole is stable enough

NOTE Confidence: 0.82202279375

00:01:53.290 --> 00:01:54.638 for you to safely go through it,

NOTE Confidence: 0.82202279375

00:01:54.640 --> 00:01:56.737 and that they'll make sure that you end up

NOTE Confidence: 0.82202279375

00:01:56.737 --> 00:01:59.158 in a place where you can survive adequately.

NOTE Confidence: 0.82202279375

00:01:59.160 --> 00:02:00.280 But once you go through,

NOTE Confidence: 0.82202279375

00:02:00.280 --> 00:02:01.480 you can't come back.

NOTE Confidence: 0.82202279375

00:02:01.480 --> 00:02:02.256 OK, now?

NOTE Confidence: 0.82202279375

00:02:02.256 --> 00:02:03.684 You, of course,

NOTE Confidence: 0.82202279375

00:02:03.684 --> 00:02:05.588 are committed to research,

NOTE Confidence: 0.82202279375

00:02:05.590 --> 00:02:07.578 as you know, an excellent thinker.

NOTE Confidence: 0.82202279375

00:02:07.578 --> 00:02:08.513 And so you say, absolutely,

NOTE Confidence: 0.82202279375

00:02:08.513 --> 00:02:09.428 I want to do this.

NOTE Confidence: 0.82202279375

00:02:09.430 --> 00:02:11.462 You sign up and you rush back home

NOTE Confidence: 0.82202279375

00:02:11.462 --> 00:02:13.188 and start packing your things,

NOTE Confidence: 0.82202279375

00:02:13.190 --> 00:02:15.006 make your will and tell your family member,

NOTE Confidence: 0.82202279375

00:02:15.010 --> 00:02:15.574 OK.

NOTE Confidence: 0.82202279375

00:02:15.574 --> 00:02:17.830 But now think about,

NOTE Confidence: 0.82202279375

00:02:17.830 --> 00:02:19.048 as you go to sleep that evening,

NOTE Confidence: 0.82202279375

00:02:19.050 --> 00:02:20.436 because it turns out you're going to

NOTE Confidence: 0.82202279375

00:02:20.436 --> 00:02:21.988 be living off the whole next morning,

NOTE Confidence: 0.82202279375

00:02:21.990 --> 00:02:23.610 how you embark upon this journey.

NOTE Confidence: 0.82202279375

00:02:23.610 --> 00:02:24.309 And in particular,

NOTE Confidence: 0.82202279375

00:02:24.309 --> 00:02:25.707 as you reflect on what's going

NOTE Confidence: 0.82202279375

00:02:25.707 --> 00:02:27.057 to happen the next morning,

NOTE Confidence: 0.82202279375

00:02:27.060 --> 00:02:28.726 how are you supposed to imagine what's

NOTE Confidence: 0.82202279375

00:02:28.726 --> 00:02:30.190 going to happen to you tomorrow?

NOTE Confidence: 0.82202279375

00:02:30.190 --> 00:02:31.230 And also beyond, right,

NOTE Confidence: 0.82202279375

00:02:31.230 --> 00:02:33.380 like you know you're going to experience.

NOTE Confidence: 0.82202279375

00:02:33.380 --> 00:02:34.652 New and incredible things,

NOTE Confidence: 0.82202279375

00:02:34.652 --> 00:02:36.560 but you don't know what these

NOTE Confidence: 0.82202279375

00:02:36.617 --> 00:02:38.317 new incredible things will be.

NOTE Confidence: 0.82202279375

00:02:38.320 --> 00:02:39.800 And this raises the question like how are

NOTE Confidence: 0.82202279375

00:02:39.800 --> 00:02:41.259 you going to mentally prepare yourself,

NOTE Confidence: 0.82202279375

00:02:41.260 --> 00:02:41.500 right?

NOTE Confidence: 0.82202279375

00:02:41.500 --> 00:02:42.460 How do you plan?

NOTE Confidence: 0.82202279375

00:02:42.460 --> 00:02:44.218 How do you make sense of

00:02:44.218 --> 00:02:45.889 what's going to happen to you?

00:02:45.890 --> 00:02:47.699 And what I think is that in a very

00:02:47.699 --> 00:02:48.960 important and distinctive sense,

00:02:48.960 --> 00:02:50.570 you can't grasp the nature

00:02:50.570 --> 00:02:51.858 of your impending future,

00:02:51.860 --> 00:02:52.207 right?

00:02:52.207 --> 00:02:54.636 You're you can't prospectively grasp it from

00:02:54.636 --> 00:02:57.141 your current first person point of view, OK?

00:02:57.141 --> 00:02:57.984 And in particular,

00:02:57.984 --> 00:02:59.996 you can't imagine the nature and character

00:02:59.996 --> 00:03:01.914 of what your future will be like.

00:03:01.920 --> 00:03:03.360 Even if the scientists tell you,

00:03:03.360 --> 00:03:04.816 give you a certain amount of information,

00:03:04.820 --> 00:03:06.584 there's a sense in which the

00:03:06.584 --> 00:03:08.527 new and strange and unknown is

00:03:08.527 --> 00:03:10.257 going to transform you, OK?

NOTE Confidence: 0.82202279375

00:03:10.257 --> 00:03:11.268 And in particular,

NOTE Confidence: 0.82202279375

00:03:11.268 --> 00:03:13.290 it's going to transform you both

NOTE Confidence: 0.82202279375

00:03:13.359 --> 00:03:15.138 epistemically and personally.

NOTE Confidence: 0.82202279375

00:03:15.140 --> 00:03:16.838 And this is the a structure

NOTE Confidence: 0.82202279375

00:03:16.838 --> 00:03:17.970 I'd like to talk

NOTE Confidence: 0.799027556363636

00:03:18.034 --> 00:03:20.128 about. Now, a key with all of this

NOTE Confidence: 0.799027556363636

00:03:20.128 --> 00:03:22.002 is that it's only in, in fact,

NOTE Confidence: 0.799027556363636

00:03:22.002 --> 00:03:23.457 of actually having this experience,

NOTE Confidence: 0.799027556363636

00:03:23.460 --> 00:03:25.050 actually going to the wormhole and

NOTE Confidence: 0.799027556363636

00:03:25.050 --> 00:03:26.110 discovering what's beyond that.

NOTE Confidence: 0.799027556363636

00:03:26.110 --> 00:03:27.075 You're really going to know

NOTE Confidence: 0.799027556363636

00:03:27.075 --> 00:03:28.280 what it's going to be like.

NOTE Confidence: 0.799027556363636

00:03:28.280 --> 00:03:31.038 And this is actually an important constituent

NOTE Confidence: 0.799027556363636

00:03:31.038 --> 00:03:32.620 of transformative experience, right?

NOTE Confidence: 0.799027556363636

00:03:32.620 --> 00:03:35.020 So by actually having this experience,

NOTE Confidence: 0.799027556363636

00:03:35.020 --> 00:03:36.300 you'll discover amazing new

NOTE Confidence: 0.799027556363636

00:03:36.300 --> 00:03:37.580 things about the universe,

NOTE Confidence: 0.799027556363636

00:03:37.580 --> 00:03:39.464 and you'll also discover amazing new

NOTE Confidence: 0.799027556363636

00:03:39.464 --> 00:03:41.340 things about yourself in particular.

NOTE Confidence: 0.799027556363636

00:03:41.340 --> 00:03:42.660 You're going to change yourself,

NOTE Confidence: 0.799027556363636

00:03:42.660 --> 00:03:45.040 and you'll change yourself dramatically.

NOTE Confidence: 0.799027556363636

00:03:45.040 --> 00:03:46.900 So as I describe it,

NOTE Confidence: 0.799027556363636

00:03:46.900 --> 00:03:48.990 the experience of traveling through

NOTE Confidence: 0.799027556363636

00:03:48.990 --> 00:03:51.080 the wormhole is both epistemically

NOTE Confidence: 0.799027556363636

00:03:51.146 --> 00:03:53.289 and personally transformative, OK?

NOTE Confidence: 0.799027556363636

00:03:53.289 --> 00:03:54.336 And that is,

NOTE Confidence: 0.799027556363636

00:03:54.336 --> 00:03:56.740 it's an experience that's both radically new,

NOTE Confidence: 0.799027556363636

00:03:56.740 --> 00:03:57.932 such that you have to have it to

NOTE Confidence: 0.799027556363636

00:03:57.932 --> 00:03:59.158 know what it would be like for you.

NOTE Confidence: 0.799027556363636

00:03:59.160 --> 00:03:59.910 And moreover,

NOTE Confidence: 0.799027556363636

00:03:59.910 --> 00:04:02.160 the experience will change you in

NOTE Confidence: 0.799027556363636

00:04:02.160 --> 00:04:04.461 central and significant ways now.

NOTE Confidence: 0.799027556363636

00:04:04.461 --> 00:04:06.766 Just as a side note,

NOTE Confidence: 0.799027556363636

00:04:06.770 --> 00:04:08.822 I think that thinking about the

NOTE Confidence: 0.799027556363636

00:04:08.822 --> 00:04:10.190 conceptual change involved and

NOTE Confidence: 0.799027556363636

00:04:10.246 --> 00:04:11.901 thinking about the implications it

NOTE Confidence: 0.799027556363636

00:04:11.901 --> 00:04:14.096 has both for changing the self and

NOTE Confidence: 0.799027556363636

00:04:14.096 --> 00:04:16.032 I'm happy to talk a little bit more

NOTE Confidence: 0.799027556363636

00:04:16.040 --> 00:04:17.540 about how I'm thinking about what

NOTE Confidence: 0.799027556363636

00:04:17.540 --> 00:04:19.309 itself is and also interest there.

NOTE Confidence: 0.799027556363636

00:04:19.310 --> 00:04:21.070 I think implications for how

NOTE Confidence: 0.799027556363636

00:04:21.070 --> 00:04:22.830 we think about decision making,

NOTE Confidence: 0.799027556363636

00:04:22.830 --> 00:04:24.706 both in terms of standard decision theory,

NOTE Confidence: 0.799027556363636

00:04:24.710 --> 00:04:26.194 but also for applications,

NOTE Confidence: 0.799027556363636

00:04:26.194 --> 00:04:27.678 for example advanced directives

NOTE Confidence: 0.799027556363636

00:04:27.678 --> 00:04:29.019 and things like that.

NOTE Confidence: 0.799027556363636

00:04:29.020 --> 00:04:31.230 And so it's, I think,

NOTE Confidence: 0.799027556363636

00:04:31.230 --> 00:04:33.726 applicable then to the concept of

NOTE Confidence: 0.799027556363636

00:04:33.726 --> 00:04:35.390 transform of psychedelic experience.

NOTE Confidence: 0.799027556363636

00:04:35.390 --> 00:04:37.000 I'd also like to know that there

NOTE Confidence: 0.799027556363636

00:04:37.000 --> 00:04:38.060 are some interesting connections

NOTE Confidence: 0.799027556363636

00:04:38.060 --> 00:04:39.998 to how other thinkers have talked

NOTE Confidence: 0.799027556363636

00:04:39.998 --> 00:04:40.644 about transformation.

NOTE Confidence: 0.799027556363636

00:04:40.650 --> 00:04:41.512 In particular,

NOTE Confidence: 0.799027556363636

00:04:41.512 --> 00:04:43.667 Edna Woman Margaret understands the

NOTE Confidence: 0.799027556363636

00:04:43.667 --> 00:04:45.300 concept of transformative experience

NOTE Confidence: 0.799027556363636

00:04:45.300 --> 00:04:47.802 as a kind of big life change that sort

NOTE Confidence: 0.799027556363636

00:04:47.862 --> 00:04:50.358 of has with decision theoretic implications.

NOTE Confidence: 0.799027556363636

00:04:50.360 --> 00:04:51.836 And I'm happy to talk about

NOTE Confidence: 0.799027556363636

00:04:51.836 --> 00:04:53.369 that a little bit more too.

NOTE Confidence: 0.799027556363636

00:04:53.370 --> 00:04:56.205 OK, so to explain what I mean by an

NOTE Confidence: 0.799027556363636

00:04:56.205 --> 00:04:58.549 epistemic and personal transformation,

NOTE Confidence: 0.799027556363636

00:04:58.550 --> 00:05:02.888 I'd like to go back to the wormhole example,

NOTE Confidence: 0.799027556363636

00:05:02.890 --> 00:05:03.129 right,

NOTE Confidence: 0.799027556363636

00:05:03.129 --> 00:05:05.280 and to think about how that might change us.

NOTE Confidence: 0.799027556363636

00:05:05.280 --> 00:05:05.538 Um,

NOTE Confidence: 0.799027556363636

00:05:05.538 --> 00:05:07.602 but also note that there are lots of

NOTE Confidence: 0.799027556363636

00:05:07.602 --> 00:05:09.758 real life transformative experiences.

NOTE Confidence: 0.799027556363636

00:05:09.760 --> 00:05:12.170 I think includes ones first

NOTE Confidence: 0.799027556363636

00:05:12.170 --> 00:05:13.616 experience of psychedelics,

NOTE Confidence: 0.799027556363636

00:05:13.620 --> 00:05:15.144 I've also argued elsewhere,

NOTE Confidence: 0.799027556363636

00:05:15.144 --> 00:05:16.668 can include the experience

NOTE Confidence: 0.799027556363636

00:05:16.668 --> 00:05:18.010 of becoming apparent.

NOTE Confidence: 0.799027556363636

00:05:18.010 --> 00:05:20.210 I think it can compared to losing or

NOTE Confidence: 0.799027556363636

00:05:20.210 --> 00:05:22.351 gaining a sensory abilities such as the

NOTE Confidence: 0.799027556363636

00:05:22.351 --> 00:05:24.898 ability to see or the ability to hear,

NOTE Confidence: 0.799027556363636

00:05:24.900 --> 00:05:26.436 to going to war for the first time,

00:05:26.440 --> 00:05:29.464 or perhaps to radical sort of

00:05:29.464 --> 00:05:31.480 disability and cognitive decline

00:05:31.563 --> 00:05:34.485 such as can happen with Alzheimer's.

00:05:34.490 --> 00:05:34.856 OK,

00:05:34.856 --> 00:05:36.686 so let's go through briefly

00:05:36.686 --> 00:05:38.150 the conceptual structure of

00:05:38.216 --> 00:05:39.830 transformative experience.

00:05:39.830 --> 00:05:41.630 I think it can be helpful to look at

00:05:41.630 --> 00:05:43.206 examples to understand what I'm saying.

00:05:43.210 --> 00:05:46.562 So the first conceptual part involves

00:05:46.562 --> 00:05:48.674 the way that actually having new

00:05:48.674 --> 00:05:50.430 experiences can teach us things

00:05:50.430 --> 00:05:52.025 that we didn't know otherwise.

00:05:52.030 --> 00:05:53.542 And let me illustrate this with

00:05:53.542 --> 00:05:54.910 one of my favorite cases,

00:05:54.910 --> 00:05:58.694 the choice or the chance to try Durian.

00:05:58.700 --> 00:06:01.076 So Durian is known to have a foul smell,

00:06:01.080 --> 00:06:04.160 but a very distinctive and delicious flavor.

00:06:04.160 --> 00:06:06.218 And if you've never tried durian,

00:06:06.220 --> 00:06:08.092 you don't know what it's like to taste it.

00:06:08.100 --> 00:06:10.188 OK, it doesn't mean you can't

00:06:10.188 --> 00:06:11.232 understand evocative statements

00:06:11.232 --> 00:06:12.679 about what it tastes like.

00:06:12.680 --> 00:06:15.608 Some people will describe it as a combination

00:06:15.608 --> 00:06:18.137 of strawberry cream eaten next to a sewer.

00:06:18.140 --> 00:06:22.658 There are a famous chef has described it as.

00:06:22.660 --> 00:06:24.025 What does he say? He says taste.

00:06:24.030 --> 00:06:25.905 It's taste can only be

00:06:25.905 --> 00:06:27.030 described as indescribable,

00:06:27.030 --> 00:06:29.370 something you either love or despise.

00:06:29.370 --> 00:06:31.561 And then afterwards your breath will smell

NOTE Confidence: 0.815128635714286

00:06:31.561 --> 00:06:34.327 as if you've been French kissing a dead rat.

NOTE Confidence: 0.815128635714286

00:06:34.330 --> 00:06:36.210 OK, so that's very evocative,

NOTE Confidence: 0.815128635714286

00:06:36.210 --> 00:06:37.956 but you can hear these evocative

NOTE Confidence: 0.815128635714286

00:06:37.956 --> 00:06:38.844 descriptions. And yet,

NOTE Confidence: 0.815128635714286

00:06:38.844 --> 00:06:40.923 because this is a new phenomenal experience,

NOTE Confidence: 0.815128635714286

00:06:40.930 --> 00:06:42.770 you still don't know what durian tastes like.

NOTE Confidence: 0.815128635714286

00:06:42.770 --> 00:06:44.258 And the only way you're going to know

NOTE Confidence: 0.815128635714286

00:06:44.258 --> 00:06:46.026 what a durian tastes like is to try it.

NOTE Confidence: 0.815128635714286

00:06:46.030 --> 00:06:48.890 OK? And when you taste it for the first time,

NOTE Confidence: 0.815128635714286

00:06:48.890 --> 00:06:51.110 you will have a new experience.

NOTE Confidence: 0.815128635714286

00:06:51.110 --> 00:06:52.797 OK, so. The way that I described

NOTE Confidence: 0.815128635714286

00:06:52.797 --> 00:06:54.633 this is that when you discover what

NOTE Confidence: 0.815128635714286

00:06:54.633 --> 00:06:56.590 it's like to have this new taste,

NOTE Confidence: 0.815128635714286

00:06:56.590 --> 00:06:58.000 you're undergoing an

NOTE Confidence: 0.815128635714286

00:06:58.000 --> 00:06:58.940 epistemic transformation,

NOTE Confidence: 0.815128635714286

00:06:58.940 --> 00:07:00.950 maybe a minor epistemic transformation,

NOTE Confidence: 0.815128635714286

00:07:00.950 --> 00:07:02.610 but it's an epistemic

NOTE Confidence: 0.815128635714286

00:07:02.610 --> 00:07:03.440 transformation nonetheless.

NOTE Confidence: 0.815128635714286

00:07:03.440 --> 00:07:05.204 That is, it's an experience that

NOTE Confidence: 0.815128635714286

00:07:05.204 --> 00:07:06.782 gives you new information, right?

NOTE Confidence: 0.815128635714286

00:07:06.782 --> 00:07:07.586 This information,

NOTE Confidence: 0.815128635714286

00:07:07.586 --> 00:07:07.988 crucially,

NOTE Confidence: 0.815128635714286

00:07:07.988 --> 00:07:11.140 has to come through having the experience,

NOTE Confidence: 0.815128635714286

00:07:11.140 --> 00:07:12.025 and in particular,

NOTE Confidence: 0.815128635714286

00:07:12.025 --> 00:07:13.500 it gives you new abilities.

NOTE Confidence: 0.815128635714286

00:07:13.500 --> 00:07:15.383 It gives you new abilities to kind

NOTE Confidence: 0.815128635714286

00:07:15.383 --> 00:07:17.240 of imagine and represent other kinds

NOTE Confidence: 0.815128635714286

00:07:17.240 --> 00:07:19.220 of experiences that are like it.

NOTE Confidence: 0.815128635714286

00:07:19.220 --> 00:07:19.494 Now,

NOTE Confidence: 0.815128635714286

00:07:19.494 --> 00:07:20.864 the durian examples related to

NOTE Confidence: 0.815128635714286

00:07:20.864 --> 00:07:22.245 a famous thought experiment in

NOTE Confidence: 0.815128635714286

00:07:22.245 --> 00:07:23.201 philosophy involving a pretend

NOTE Confidence: 0.815128635714286

00:07:23.201 --> 00:07:24.826 case of a woman named Mary who

NOTE Confidence: 0.815128635714286

00:07:24.826 --> 00:07:26.354 grows up in a black and white room.

NOTE Confidence: 0.815128635714286

00:07:26.360 --> 00:07:27.984 In the pretend case,

NOTE Confidence: 0.815128635714286

00:07:27.984 --> 00:07:29.656 we imagine that she's never seen

NOTE Confidence: 0.815128635714286

00:07:29.656 --> 00:07:31.433 color and she has lots of friends who

NOTE Confidence: 0.815128635714286

00:07:31.433 --> 00:07:33.217 tell her what it's like to see color,

NOTE Confidence: 0.815128635714286

00:07:33.220 --> 00:07:35.266 and she knows all the latest

NOTE Confidence: 0.815128635714286

00:07:35.266 --> 00:07:37.352 science about the brain and about

NOTE Confidence: 0.815128635714286

00:07:37.352 --> 00:07:38.889 color and about consciousness.

NOTE Confidence: 0.815128635714286

00:07:38.889 --> 00:07:39.292 However,

NOTE Confidence: 0.815128635714286

00:07:39.292 --> 00:07:42.498 does she know what it's like to see red,

NOTE Confidence: 0.815128635714286

00:07:42.500 --> 00:07:44.453 even though she has all this knowledge

NOTE Confidence: 0.815128635714286

00:07:44.453 --> 00:07:46.987 and I and many people would answer no,

NOTE Confidence: 0.815128635714286

00:07:46.990 --> 00:07:48.454 she doesn't and she doesn't because

NOTE Confidence: 0.815128635714286

00:07:48.454 --> 00:07:49.910 she's only had black and white.

NOTE Confidence: 0.815128635714286

00:07:49.910 --> 00:07:50.173 Experiences.

NOTE Confidence: 0.815128635714286

00:07:50.173 --> 00:07:51.751 In order for her to know

NOTE Confidence: 0.815128635714286

00:07:51.751 --> 00:07:53.148 what it's like to see Red,

NOTE Confidence: 0.815128635714286

00:07:53.150 --> 00:07:54.795 she has to leave her black and

NOTE Confidence: 0.815128635714286

00:07:54.795 --> 00:07:56.715 white room and actually go out and

NOTE Confidence: 0.815128635714286

00:07:56.715 --> 00:07:58.165 experience the world of color.

NOTE Confidence: 0.815128635714286

00:07:58.170 --> 00:07:58.751 OK.

NOTE Confidence: 0.815128635714286

00:07:58.751 --> 00:08:02.237 And the point I think behind

NOTE Confidence: 0.815128635714286

00:08:02.237 --> 00:08:03.980 the Mary example?

NOTE Confidence: 0.815128635714286

00:08:03.980 --> 00:08:05.030 Because I want to understand,

NOTE Confidence: 0.815128635714286

00:08:05.030 --> 00:08:07.011 it's not actually the point that many

NOTE Confidence: 0.815128635714286

00:08:07.011 --> 00:08:08.796 philosophers want to make with regard to

NOTE Confidence: 0.815128635714286

00:08:08.796 --> 00:08:10.900 it is that for some kinds of experiences,

NOTE Confidence: 0.815128635714286

00:08:10.900 --> 00:08:12.112 we actually have to have them

NOTE Confidence: 0.815128635714286

00:08:12.112 --> 00:08:13.170 to know what they're like.

NOTE Confidence: 0.815128635714286

00:08:13.170 --> 00:08:15.492 OK, so like seeing right for the first time,

NOTE Confidence: 0.815128635714286

00:08:15.500 --> 00:08:17.048 or tasting something new that's very

NOTE Confidence: 0.815128635714286

00:08:17.048 --> 00:08:18.549 different from anything you've had before.

NOTE Confidence: 0.815128635714286

00:08:18.550 --> 00:08:20.237 You have to have that kind of

NOTE Confidence: 0.815128635714286

00:08:20.237 --> 00:08:21.768 experience to know what it's like.

NOTE Confidence: 0.815128635714286

00:08:21.770 --> 00:08:24.030 So seeing red, for example,

NOTE Confidence: 0.815128635714286

00:08:24.030 --> 00:08:24.309 no,

NOTE Confidence: 0.815128635714286

00:08:24.309 --> 00:08:25.146 that's one part.

NOTE Confidence: 0.815128635714286

00:08:25.146 --> 00:08:27.340 But the second part of the Nosema

NOTE Confidence: 0.815128635714286

00:08:27.340 --> 00:08:29.148 transformation is also crucial.

NOTE Confidence: 0.815128635714286

00:08:29.150 --> 00:08:31.862 And the idea here is that knowing or

NOTE Confidence: 0.815128635714286

00:08:31.862 --> 00:08:34.148 discovering what it's like to see red or.

NOTE Confidence: 0.815128635714286

00:08:34.150 --> 00:08:36.215 Tasted durian gives us a kind of

NOTE Confidence: 0.815128635714286

00:08:36.215 --> 00:08:37.523 information about the content

NOTE Confidence: 0.815128635714286

00:08:37.523 --> 00:08:38.627 of that experience,

NOTE Confidence: 0.815128635714286

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00:08:38.630 --> 00:08:40.195 and that information is inaccessible

NOTE Confidence: 0.815128635714286

00:08:40.195 --> 00:08:41.760 to you until you've actually

NOTE Confidence: 0.856700724615385

00:08:41.814 --> 00:08:43.313 had the experience, right?

NOTE Confidence: 0.856700724615385

00:08:43.313 --> 00:08:46.228 And a philosopher will argue,

NOTE Confidence: 0.856700724615385

00:08:46.230 --> 00:08:47.158 at least I'll argue,

NOTE Confidence: 0.856700724615385

00:08:47.158 --> 00:08:49.074 that what you're doing when you go out

NOTE Confidence: 0.856700724615385

00:08:49.074 --> 00:08:50.496 and actually have the experience of

NOTE Confidence: 0.856700724615385

00:08:50.496 --> 00:08:52.210 seeing red is that you're discovering

NOTE Confidence: 0.856700724615385

00:08:52.210 --> 00:08:53.705 something about color under a

NOTE Confidence: 0.856700724615385

00:08:53.705 --> 00:08:55.126 particular mode of of experience,

NOTE Confidence: 0.856700724615385

00:08:55.126 --> 00:08:57.599 the kind of visual mode or the mode

NOTE Confidence: 0.856700724615385

00:08:57.599 --> 00:09:01.460 of consciousness. All right, so.

NOTE Confidence: 0.856700724615385

00:09:01.460 --> 00:09:03.360 These kinds of experiences, arguably,

NOTE Confidence: 0.856700724615385

00:09:03.360 --> 00:09:05.264 that are essential for a certain kind of

NOTE Confidence: 0.856700724615385

00:09:05.264 --> 00:09:06.465 human understanding or knowing, right?

NOTE Confidence: 0.856700724615385

00:09:06.465 --> 00:09:08.425 And the third part of this that I

00:09:08.425 --> 00:09:10.873 think is maybe not as essential to

00:09:10.873 --> 00:09:12.301 thinking about psychedelic experience,

00:09:12.310 --> 00:09:14.431 although it may be essential to thinking

00:09:14.431 --> 00:09:16.532 about doing testing on subjects

00:09:16.532 --> 00:09:17.876 involving psychedelic experience,

00:09:17.880 --> 00:09:19.882 is that this kind of knowing and

00:09:19.882 --> 00:09:21.086 understanding about an experience

00:09:21.086 --> 00:09:22.556 can be important to us,

00:09:22.560 --> 00:09:24.310 and in particular it might be important

00:09:24.310 --> 00:09:25.940 for certain kinds of decision making.

00:09:25.940 --> 00:09:27.506 If the decision crucially involved the

00:09:27.506 --> 00:09:29.418 kind of experience we haven't had before,

00:09:29.420 --> 00:09:31.268 then we can lack the information we

00:09:31.268 --> 00:09:33.062 need in order to make the decision

00:09:33.062 --> 00:09:34.700 in the way that we want to.

00:09:34.700 --> 00:09:36.052 And just very quickly,

NOTE Confidence: 0.856700724615385

00:09:36.052 --> 00:09:38.583 I'm going to run through an illustration

NOTE Confidence: 0.856700724615385

00:09:38.583 --> 00:09:41.139 of this again using the durian.

NOTE Confidence: 0.856700724615385

00:09:41.140 --> 00:09:42.771 So imagine that you are in Thailand

NOTE Confidence: 0.856700724615385

00:09:42.771 --> 00:09:44.688 and you have the choice of having

NOTE Confidence: 0.856700724615385

00:09:44.688 --> 00:09:46.434 right pineapple or durian for breakfast

NOTE Confidence: 0.856700724615385

00:09:46.492 --> 00:09:47.998 and you can't decide which one,

NOTE Confidence: 0.856700724615385

00:09:48.000 --> 00:09:49.680 but you've never had durian.

NOTE Confidence: 0.856700724615385

00:09:49.680 --> 00:09:49.969 Well,

NOTE Confidence: 0.856700724615385

00:09:49.969 --> 00:09:51.992 here's a way that you cannot make

NOTE Confidence: 0.856700724615385

00:09:51.992 --> 00:09:52.960 the decision right.

NOTE Confidence: 0.856700724615385

00:09:52.960 --> 00:09:54.364 You can't make the decision by

NOTE Confidence: 0.856700724615385

00:09:54.364 --> 00:09:55.849 choosing the one that you prefer.

NOTE Confidence: 0.856700724615385

00:09:55.850 --> 00:09:57.632 The taste that you like better, right?

NOTE Confidence: 0.856700724615385

00:09:57.632 --> 00:09:58.478 Why can't you?

NOTE Confidence: 0.856700724615385

00:09:58.478 --> 00:10:00.170 Because you don't know how to

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NOTE Confidence: 0.856700724615385

00:10:00.230 --> 00:10:01.670 assign value to the table.

NOTE Confidence: 0.856700724615385

00:10:01.670 --> 00:10:03.806 Having a durian because you've never had one.

NOTE Confidence: 0.856700724615385

00:10:03.810 --> 00:10:04.698 You could choose,

NOTE Confidence: 0.856700724615385

00:10:04.698 --> 00:10:07.070 maybe based on what you'd like to try,

NOTE Confidence: 0.856700724615385

00:10:07.070 --> 00:10:08.806 but that's a different kind of decision.

NOTE Confidence: 0.856700724615385

00:10:08.810 --> 00:10:10.496 And the very same problem arises

NOTE Confidence: 0.856700724615385

00:10:10.496 --> 00:10:12.729 for a version of a Mary case where

NOTE Confidence: 0.856700724615385

00:10:12.729 --> 00:10:14.668 Mary has given the choice to leave

NOTE Confidence: 0.856700724615385

00:10:14.668 --> 00:10:16.148 her black and white moon,

NOTE Confidence: 0.856700724615385

00:10:16.150 --> 00:10:17.130 but she wants to decide,

NOTE Confidence: 0.856700724615385

00:10:17.130 --> 00:10:19.410 based on how much she'll enjoy seeing color,

NOTE Confidence: 0.856700724615385

00:10:19.410 --> 00:10:20.778 of how she'll value living in

NOTE Confidence: 0.856700724615385

00:10:20.778 --> 00:10:21.690 a world of color.

NOTE Confidence: 0.856700724615385

00:10:21.690 --> 00:10:22.236 And again,

NOTE Confidence: 0.856700724615385

00:10:22.236 --> 00:10:24.420 there's a way in which she can't assign

NOTE Confidence: 0.856700724615385

00:10:24.481 --> 00:10:26.553 values to some of the outcomes in her.

00:10:26.560 --> 00:10:27.164 Decision model,

00:10:27.164 --> 00:10:29.278 so she can't build as a decision

00:10:29.278 --> 00:10:31.254 model in the way that she wants to.

00:10:31.260 --> 00:10:32.330 OK now.

00:10:35.810 --> 00:10:37.038 This matters when you're

00:10:37.038 --> 00:10:38.266 making choices for yourself,

00:10:38.270 --> 00:10:39.894 but it can also matter quite important when

00:10:39.894 --> 00:10:41.230 you're making choices for other people.

00:10:41.230 --> 00:10:42.790 Imagine that you had to make a choice

00:10:42.790 --> 00:10:44.141 for your autistic child, right?

00:10:44.141 --> 00:10:45.767 And your choice about maybe how

00:10:45.767 --> 00:10:47.268 they're going to be cared for,

00:10:47.270 --> 00:10:48.140 their living arrangements,

00:10:48.140 --> 00:10:49.010 or something else,

00:10:49.010 --> 00:10:50.585 depending on the nature of

NOTE Confidence: 0.837188965

00:10:50.585 --> 00:10:51.845 sensory overload for them.

NOTE Confidence: 0.837188965

00:10:51.850 --> 00:10:52.930 You're going to find yourself,

NOTE Confidence: 0.837188965

00:10:52.930 --> 00:10:54.730 unless you yourself are autistic,

NOTE Confidence: 0.837188965

00:10:54.730 --> 00:10:56.434 having the same or similar sorts

NOTE Confidence: 0.837188965

00:10:56.434 --> 00:10:58.132 of problems when you try to

NOTE Confidence: 0.837188965

00:10:58.132 --> 00:10:59.644 build a decision model based on

NOTE Confidence: 0.837188965

00:10:59.644 --> 00:11:01.734 what you think it's like to have

NOTE Confidence: 0.837188965

00:11:01.734 --> 00:11:03.730 sensory overload to apply it to.

NOTE Confidence: 0.837188965

00:11:03.730 --> 00:11:05.110 To carrying or the,

NOTE Confidence: 0.837188965

00:11:05.110 --> 00:11:08.503 I guess the constraints of care for your son.

NOTE Confidence: 0.837188965

00:11:08.510 --> 00:11:10.105 The National Autistic Society in

NOTE Confidence: 0.837188965

00:11:10.105 --> 00:11:11.700 the UK recognizes this problem

NOTE Confidence: 0.837188965

00:11:11.753 --> 00:11:13.069 and in response developed.

NOTE Confidence: 0.837188965

00:11:13.070 --> 00:11:16.250 We are immersion experience for parents,

NOTE Confidence: 0.837188965

00:11:16.250 --> 00:11:17.360 trying to teach them something

NOTE Confidence: 0.837188965

00:11:17.360 --> 00:11:18.969 about what it's like to have sensory

NOTE Confidence: 0.837188965

00:11:18.969 --> 00:11:20.325 overload in order to help them,

NOTE Confidence: 0.837188965

00:11:20.330 --> 00:11:20.659 right?

NOTE Confidence: 0.837188965

00:11:20.659 --> 00:11:22.633 And this is arguably a kind

NOTE Confidence: 0.837188965

00:11:22.633 --> 00:11:24.721 of larger reason might be our

NOTE Confidence: 0.837188965

00:11:24.721 --> 00:11:26.785 technology is so important I think,

NOTE Confidence: 0.837188965

00:11:26.790 --> 00:11:28.542 and why there's been so much

NOTE Confidence: 0.837188965

00:11:28.542 --> 00:11:29.710 investment put into this.

NOTE Confidence: 0.837188965

00:11:29.710 --> 00:11:30.319 In other words,

NOTE Confidence: 0.837188965

00:11:30.319 --> 00:11:31.537 the idea is that this kind

NOTE Confidence: 0.837188965

00:11:31.537 --> 00:11:32.828 of first person immersion,

NOTE Confidence: 0.837188965

00:11:32.830 --> 00:11:33.946 first person experience.

NOTE Confidence: 0.837188965

00:11:33.946 --> 00:11:35.806 Carries a distinctive kind of

NOTE Confidence: 0.837188965

00:11:35.806 --> 00:11:37.595 character and content as distinctive

NOTE Confidence: 0.837188965

00:11:37.595 --> 00:11:39.235 kind of information that we

NOTE Confidence: 0.837188965

00:11:39.235 --> 00:11:40.718 can't get in other ways,

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NOTE Confidence: 0.837188965

00:11:40.720 --> 00:11:43.436 and in particular we can't get it

NOTE Confidence: 0.837188965

00:11:43.436 --> 00:11:45.123 through exploring the testimony

NOTE Confidence: 0.837188965

00:11:45.123 --> 00:11:47.787 of those that had the experiences.

NOTE Confidence: 0.837188965

00:11:47.790 --> 00:11:49.870 Now consider a different application.

NOTE Confidence: 0.837188965

00:11:49.870 --> 00:11:51.658 Consider the possibility of a congenital,

NOTE Confidence: 0.837188965

00:11:51.660 --> 00:11:53.940 congenitally blind adult who's about to

NOTE Confidence: 0.837188965

00:11:53.940 --> 00:11:56.170 experience vision for the first time.

NOTE Confidence: 0.837188965

00:11:56.170 --> 00:11:57.941 Maybe he's going to have a retina

NOTE Confidence: 0.837188965

00:11:57.941 --> 00:11:59.483 operation that will give him

NOTE Confidence: 0.837188965

00:11:59.483 --> 00:12:00.947 something resembling ordinary vision.

NOTE Confidence: 0.837188965

00:12:00.950 --> 00:12:01.790 He wants to do it,

NOTE Confidence: 0.837188965

00:12:01.790 --> 00:12:03.270 his doctor tells him he should do it.

NOTE Confidence: 0.837188965

00:12:03.270 --> 00:12:04.810 He decides he wants to do it.

NOTE Confidence: 0.837188965

00:12:04.810 --> 00:12:06.294 And then imagine that he's in the

NOTE Confidence: 0.837188965

00:12:06.294 --> 00:12:07.642 same situation that you were in when

NOTE Confidence: 0.837188965

00:12:07.642 --> 00:12:09.090 you were about to jump to the world.

NOTE Confidence: 0.837188965

00:12:09.090 --> 00:12:09.990 In other words,

NOTE Confidence: 0.837188965

00:12:09.990 --> 00:12:11.790 it's the night before the operation,

NOTE Confidence: 0.837188965

00:12:11.790 --> 00:12:13.740 and he's reflecting on the nature

NOTE Confidence: 0.837188965

00:12:13.740 --> 00:12:15.928 of his life as it is to be.

NOTE Confidence: 0.837188965

00:12:15.930 --> 00:12:16.632 In other words,

NOTE Confidence: 0.837188965

00:12:16.632 --> 00:12:18.840 he knows he's going to have an operation.

NOTE Confidence: 0.837188965

00:12:18.840 --> 00:12:20.105 He's going to gain something

NOTE Confidence: 0.837188965

00:12:20.105 --> 00:12:21.370 that's close to ordinary vision,

NOTE Confidence: 0.837188965

00:12:21.370 --> 00:12:22.765 and he's reflecting on what

NOTE Confidence: 0.837188965

00:12:22.765 --> 00:12:24.669 his future is going to be like.

NOTE Confidence: 0.837188965

00:12:24.670 --> 00:12:25.396 And again,

NOTE Confidence: 0.837188965

00:12:25.396 --> 00:12:27.211 there's a very distinctive and

NOTE Confidence: 0.837188965

00:12:27.211 --> 00:12:29.453 salient way in which he can't

NOTE Confidence: 0.837188965

00:12:29.453 --> 00:12:31.268 project himself into his future

NOTE Confidence: 0.837188965

00:12:31.268 --> 00:12:33.303 and can't then assess what his

NOTE Confidence: 0.837188965

00:12:33.303 --> 00:12:35.169 future is going to be like.

NOTE Confidence: 0.837188965

00:12:35.170 --> 00:12:37.789 And the way I think about this is that

NOTE Confidence: 0.837188965

00:12:37.789 --> 00:12:40.510 the blind man faces an epistemic wall,

NOTE Confidence: 0.837188965

00:12:40.510 --> 00:12:40.778 right?

NOTE Confidence: 0.837188965

00:12:40.778 --> 00:12:43.190 There's a way in which you can't see forward,

NOTE Confidence: 0.837188965

00:12:43.190 --> 00:12:45.451 a way in which he kind of

NOTE Confidence: 0.837188965

00:12:45.451 --> 00:12:46.869 can't conceptualize the nature

NOTE Confidence: 0.837188965

00:12:46.869 --> 00:12:48.397 of his new experience.

NOTE Confidence: 0.837188965

00:12:48.400 --> 00:12:49.695 A different way to think about this,

NOTE Confidence: 0.837188965

00:12:49.700 --> 00:12:51.536 in terms of thinking about blind

NOTE Confidence: 0.837188965

00:12:51.536 --> 00:12:53.686 individuals is imagine if you are a

NOTE Confidence: 0.837188965

00:12:53.686 --> 00:12:55.716 version of what's called Molly knows problem,

NOTE Confidence: 0.837188965

00:12:55.720 --> 00:12:57.634 where you take a blind person

NOTE Confidence: 0.837188965

00:12:57.634 --> 00:12:59.806 who knows what it's like to what

NOTE Confidence: 0.837188965

00:12:59.806 --> 00:13:01.724 what a what a cube feels like

NOTE Confidence: 0.837188965

00:13:01.792 --> 00:13:03.616 and what a spear feels like,

NOTE Confidence: 0.837188965

00:13:03.620 --> 00:13:03.947 right?

NOTE Confidence: 0.837188965

00:13:03.947 --> 00:13:05.582 And so they know haptically

NOTE Confidence: 0.837188965

00:13:05.582 --> 00:13:06.890 what these shapes are

NOTE Confidence: 0.751013963636364

00:13:06.948 --> 00:13:08.775 like. And then imagine if after

NOTE Confidence: 0.751013963636364

00:13:08.775 --> 00:13:10.003 right after his operation,

NOTE Confidence: 0.751013963636364

00:13:10.010 --> 00:13:12.224 the blind man was confronted with a cube and

NOTE Confidence: 0.751013963636364

00:13:12.224 --> 00:13:14.157 sphere but was not allowed to touch them,

NOTE Confidence: 0.751013963636364

00:13:14.160 --> 00:13:16.326 could he distinguish between them, right?

NOTE Confidence: 0.751013963636364

00:13:16.326 --> 00:13:19.223 This isn't merely a hypothetical. Experiment.

NOTE Confidence: 0.751013963636364

00:13:19.223 --> 00:13:21.064 There actually is empirical work on this,

NOTE Confidence: 0.751013963636364

00:13:21.070 --> 00:13:23.622 and the work suggests that no, in fact,

NOTE Confidence: 0.751013963636364

00:13:23.622 --> 00:13:25.326 blind individuals can't immediately

NOTE Confidence: 0.751013963636364

00:13:25.326 --> 00:13:27.295 distinguish between the cone sort

NOTE Confidence: 0.751013963636364

00:13:27.295 --> 00:13:29.150 of between the sphere and the cube.

NOTE Confidence: 0.751013963636364

00:13:29.150 --> 00:13:30.570 They have to actually learn

NOTE Confidence: 0.751013963636364

00:13:30.570 --> 00:13:31.706 how to distinguish them.

NOTE Confidence: 0.751013963636364

00:13:31.710 --> 00:13:33.565 Which suggests that there's something

NOTE Confidence: 0.751013963636364

00:13:33.565 --> 00:13:35.716 distinctive that they're learning when they

NOTE Confidence: 0.751013963636364

00:13:35.716 --> 00:13:37.668 discover what it's like to see the cube,

NOTE Confidence: 0.751013963636364

00:13:37.670 --> 00:13:39.114 to see the sphere,

NOTE Confidence: 0.751013963636364

00:13:39.114 --> 00:13:41.280 something that is that extends past

NOTE Confidence: 0.751013963636364

00:13:41.355 --> 00:13:43.660 the geometric facts that they're

NOTE Confidence: 0.751013963636364

00:13:43.660 --> 00:13:45.504 able to represent haptically.

NOTE Confidence: 0.751013963636364

00:13:45.510 --> 00:13:46.110 And I'm just going to,

NOTE Confidence: 0.751013963636364

00:13:46.110 --> 00:13:46.875 I'm going to,

NOTE Confidence: 0.751013963636364

00:13:46.875 --> 00:13:48.405 I'm talking fast because I wanted

NOTE Confidence: 0.751013963636364

00:13:48.405 --> 00:13:50.089 to like be able to explore things

NOTE Confidence: 0.751013963636364

00:13:50.089 --> 00:13:51.830 for us to have some questions.

NOTE Confidence: 0.751013963636364

00:13:51.830 --> 00:13:53.462 But what I want to say is that

NOTE Confidence: 0.751013963636364

00:13:53.462 --> 00:13:54.610 I'm only know example.

NOTE Confidence: 0.751013963636364

00:13:54.610 --> 00:13:57.070 And maybe the larger example

NOTE Confidence: 0.751013963636364

00:13:57.070 --> 00:14:00.127 involving the blind man suggests that

NOTE Confidence: 0.751013963636364

00:14:00.127 --> 00:14:03.690 experience of things under a new mode

NOTE Confidence: 0.751013963636364

00:14:03.690 --> 00:14:06.000 presentation teaches us a different,

NOTE Confidence: 0.751013963636364

00:14:06.000 --> 00:14:07.976 how can I put it teaches us something

NOTE Confidence: 0.751013963636364

00:14:07.976 --> 00:14:10.183 by endowing with us with a new mode of

NOTE Confidence: 0.751013963636364

00:14:10.183 --> 00:14:11.441 presentation of that information and

NOTE Confidence: 0.751013963636364

00:14:11.441 --> 00:14:13.712 that we value that OK and then we use

NOTE Confidence: 0.751013963636364

00:14:13.712 --> 00:14:15.756 that in certain kinds of decision making.

NOTE Confidence: 0.751013963636364

00:14:15.760 --> 00:14:17.184 I think we also use it when we

NOTE Confidence: 0.751013963636364

00:14:17.184 --> 00:14:18.559 think about the nature of our life,

NOTE Confidence: 0.751013963636364

00:14:18.560 --> 00:14:21.269 and one of the cool things about

NOTE Confidence: 0.751013963636364

00:14:21.269 --> 00:14:23.075 psychedelic experience is that it

NOTE Confidence: 0.751013963636364

00:14:23.075 --> 00:14:25.098 seems to be that sort of thing.

NOTE Confidence: 0.751013963636364

00:14:25.100 --> 00:14:28.700 In other words, when you engage.

NOTE Confidence: 0.751013963636364

00:14:28.700 --> 00:14:30.200 With the drug such that you

NOTE Confidence: 0.751013963636364

00:14:30.200 --> 00:14:31.200 have a psychedelic experience,

NOTE Confidence: 0.751013963636364

00:14:31.200 --> 00:14:33.636 you're presented with elements of the world,

NOTE Confidence: 0.751013963636364

00:14:33.640 --> 00:14:36.277 in a sense, under a new mode of presentation,

NOTE Confidence: 0.751013963636364

00:14:36.280 --> 00:14:38.180 the nature and character of

NOTE Confidence: 0.751013963636364

00:14:38.180 --> 00:14:39.700 your sensory experience changes.

NOTE Confidence: 0.751013963636364

00:14:39.700 --> 00:14:41.190 And what's interesting about this,

NOTE Confidence: 0.751013963636364

00:14:41.190 --> 00:14:43.560 about this kind of epistemic transformation,

NOTE Confidence: 0.751013963636364

00:14:43.560 --> 00:14:46.656 is that, and it seems to scale up.

NOTE Confidence: 0.751013963636364

00:14:46.660 --> 00:14:47.272 In other words,

NOTE Confidence: 0.751013963636364

00:14:47.272 --> 00:14:49.182 and this is out on a parallel to the

NOTE Confidence: 0.751013963636364

00:14:49.182 --> 00:14:50.701 wormhole case and a parallel to our

NOTE Confidence: 0.751013963636364

00:14:50.701 --> 00:14:52.556 blind person who's going to become cited,

NOTE Confidence: 0.751013963636364

00:14:52.560 --> 00:14:55.134 the idea is that when you get this change

NOTE Confidence: 0.751013963636364

00:14:55.134 --> 00:14:57.576 in terms of a mode of presentation,

NOTE Confidence: 0.751013963636364

00:14:57.580 --> 00:14:59.292 it creates an epistemic.

NOTE Confidence: 0.751013963636364

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00:14:59.292 --> 00:15:01.860 Change that's so profound that it

NOTE Confidence: 0.751013963636364

00:15:01.943 --> 00:15:04.792 scales up into a personal change and a

NOTE Confidence: 0.751013963636364

00:15:04.792 --> 00:15:06.479 personal change in the sense that if

NOTE Confidence: 0.751013963636364

00:15:06.479 --> 00:15:08.563 we think of a self in terms of a kind

NOTE Confidence: 0.751013963636364

00:15:08.563 --> 00:15:10.970 of first personal stance towards the world,

NOTE Confidence: 0.751013963636364

00:15:10.970 --> 00:15:12.266 involving representing what the

NOTE Confidence: 0.751013963636364

00:15:12.266 --> 00:15:14.515 world is like and what you are

NOTE Confidence: 0.751013963636364

00:15:14.515 --> 00:15:16.223 like as an agent in that world,

NOTE Confidence: 0.751013963636364

00:15:16.230 --> 00:15:18.204 if you undergo a radical epistemic shift

NOTE Confidence: 0.751013963636364

00:15:18.204 --> 00:15:20.762 in terms of how the world and how you

NOTE Confidence: 0.751013963636364

00:15:20.762 --> 00:15:22.469 yourself are presented to the world,

NOTE Confidence: 0.751013963636364

00:15:22.470 --> 00:15:23.820 it can change who you are.

NOTE Confidence: 0.851125207368421

00:15:25.890 --> 00:15:27.898 And that, I think, might be a framework

NOTE Confidence: 0.851125207368421

00:15:27.898 --> 00:15:29.330 to understand something of what's

NOTE Confidence: 0.851125207368421

00:15:29.330 --> 00:15:31.094 happening in certain kinds of cases.

NOTE Confidence: 0.851125207368421

00:15:31.100 --> 00:15:32.330 Psychedelic transformation.

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NOTE Confidence: 0.7720330555

00:15:34.700 --> 00:15:36.560 Briefly, there's also an application

NOTE Confidence: 0.7720330555

00:15:36.560 --> 00:15:39.463 then to the research that we do

NOTE Confidence: 0.7720330555

00:15:39.463 --> 00:15:41.411 on subjects involving psychedelic

NOTE Confidence: 0.7720330555

00:15:41.411 --> 00:15:43.359 transformation or psychedelic experience.

NOTE Confidence: 0.7720330555

00:15:43.360 --> 00:15:45.004 That's related, I think,

NOTE Confidence: 0.7720330555

00:15:45.004 --> 00:15:47.059 to questions about subjective consent.

NOTE Confidence: 0.7720330555

00:15:47.060 --> 00:15:47.594 It's not that.

NOTE Confidence: 0.7720330555

00:15:47.594 --> 00:15:48.920 I mean, I'm a fan of, obviously.

NOTE Confidence: 0.7720330555

00:15:48.920 --> 00:15:50.271 I think that we can get consent

NOTE Confidence: 0.7720330555

00:15:50.271 --> 00:15:51.649 in ways that we might want to.

NOTE Confidence: 0.7720330555

00:15:51.650 --> 00:15:52.905 But I think there are

NOTE Confidence: 0.7720330555

00:15:52.905 --> 00:15:53.658 interesting questions here,

NOTE Confidence: 0.7720330555

00:15:53.660 --> 00:15:55.796 because if you have to have an experience

NOTE Confidence: 0.7720330555

00:15:55.796 --> 00:15:58.135 to know what's going to be like for you,

NOTE Confidence: 0.7720330555

00:15:58.140 --> 00:15:59.790 and if in fact undergoing this

NOTE Confidence: 0.7720330555

00:15:59.790 --> 00:16:01.504 experience is going to change who

NOTE Confidence: 0.7720330555

00:16:01.504 --> 00:16:03.178 you are in some essential sense,

NOTE Confidence: 0.7720330555

00:16:03.180 --> 00:16:04.644 then how are we supposed to

NOTE Confidence: 0.7720330555

00:16:04.644 --> 00:16:06.100 frame the kinds of consent?

NOTE Confidence: 0.7720330555

00:16:06.100 --> 00:16:07.876 That we're looking for when we're

NOTE Confidence: 0.7720330555

00:16:07.876 --> 00:16:09.480 asking subjects to undergo this

NOTE Confidence: 0.7720330555

00:16:09.480 --> 00:16:10.710 experience and talk more about that.

NOTE Confidence: 0.7720330555

00:16:10.710 --> 00:16:12.509 But I think there are real questions

NOTE Confidence: 0.7720330555

00:16:12.509 --> 00:16:14.515 about whether or not we can kind of

NOTE Confidence: 0.7720330555

00:16:14.515 --> 00:16:16.071 rationally engage in a consent based

NOTE Confidence: 0.7720330555

00:16:16.071 --> 00:16:17.646 process especially one that involves

NOTE Confidence: 0.7720330555

00:16:17.646 --> 00:16:19.909 an experience is going to change us

NOTE Confidence: 0.7720330555

00:16:19.909 --> 00:16:21.907 so fundamentally on the other end.

NOTE Confidence: 0.7720330555

00:16:21.910 --> 00:16:23.210 So that was super quick,

NOTE Confidence: 0.7720330555

00:16:23.210 --> 00:16:25.286 but I'm happy to talk to,

NOTE Confidence: 0.7720330555

00:16:25.290 --> 00:16:26.634 to answer questions or talk some more,

NOTE Confidence: 0.7720330555

00:16:26.640 --> 00:16:28.691 but I wanted to just kind of

NOTE Confidence: 0.7720330555

00:16:28.691 --> 00:16:30.788 give a brief pitch before we.

NOTE Confidence: 0.7720330555

00:16:30.790 --> 00:16:31.840 For everyone to think about.

NOTE Confidence: 0.870884856666667

00:16:38.690 --> 00:16:40.226 Oh, so how does this work?

NOTE Confidence: 0.870884856666667

00:16:40.230 --> 00:16:42.267 Chris? Do it any way we wanted

NOTE Confidence: 0.79087121

00:16:42.280 --> 00:16:43.778 to, but I see Phil's hand up.

NOTE Confidence: 0.812032482

00:16:45.840 --> 00:16:49.470 Hi, Lori, that was awesome.

NOTE Confidence: 0.812032482

00:16:49.470 --> 00:16:52.669 So, so interesting to think about how

NOTE Confidence: 0.812032482

00:16:52.670 --> 00:16:54.810 these compounds might intersect with,

NOTE Confidence: 0.812032482

00:16:54.810 --> 00:16:58.470 with your ideas about transformation.

NOTE Confidence: 0.812032482

00:16:58.470 --> 00:17:00.429 I want to push you a little

NOTE Confidence: 0.812032482

00:17:00.429 --> 00:17:02.127 bit on a couple of things.

NOTE Confidence: 0.812032482

00:17:02.130 --> 00:17:05.119 One is how important do you think

NOTE Confidence: 0.812032482

00:17:05.119 --> 00:17:07.468 the the person's expectation is

NOTE Confidence: 0.812032482

00:17:07.468 --> 00:17:10.338 going in and therefore what relevance

NOTE Confidence: 0.812032482

00:17:10.338 --> 00:17:12.698 might regret or counterfactuals have

NOTE Confidence: 0.812032482

00:17:12.698 --> 00:17:15.486 with regards to how someone finds

NOTE Confidence: 0.812032482

00:17:15.486 --> 00:17:17.282 something to be transformative?

NOTE Confidence: 0.812032482

00:17:17.290 --> 00:17:19.245 And I raised that because. Right.

NOTE Confidence: 0.812032482

00:17:19.245 --> 00:17:20.895 It was April 19th this week,

NOTE Confidence: 0.812032482

00:17:20.900 --> 00:17:22.502 Bicycle day, right,

NOTE Confidence: 0.812032482

00:17:22.502 --> 00:17:25.706 the very first time somebody accidentally

NOTE Confidence: 0.812032482

00:17:25.706 --> 00:17:27.918 ingested LSD and the ingestor,

NOTE Confidence: 0.812032482

00:17:27.920 --> 00:17:28.674 Albert Hoffman,

NOTE Confidence: 0.812032482

00:17:28.674 --> 00:17:30.936 the inventor of this problem child,

NOTE Confidence: 0.812032482

00:17:30.940 --> 00:17:32.668 wrote in his lab notebook the

NOTE Confidence: 0.812032482

00:17:32.668 --> 00:17:34.660 things that he was experiencing.

NOTE Confidence: 0.812032482

00:17:34.660 --> 00:17:37.354 And they weren't particularly pleasant and

NOTE Confidence: 0.812032482

00:17:37.354 --> 00:17:39.150 they weren't particularly transformative.

NOTE Confidence: 0.812032482

00:17:39.150 --> 00:17:41.046 He got quite paranoid and he thought that

NOTE Confidence: 0.812032482

00:17:41.046 --> 00:17:42.977 there were devils trying to mess with him,

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NOTE Confidence: 0.812032482

00:17:42.980 --> 00:17:43.636 essentially.

NOTE Confidence: 0.812032482

00:17:43.636 --> 00:17:46.916 And so I'm wondering whether,

NOTE Confidence: 0.812032482

00:17:46.920 --> 00:17:48.620 you know, first of all,

NOTE Confidence: 0.812032482

00:17:48.620 --> 00:17:49.520 do these actual.

NOTE Confidence: 0.812032482

00:17:49.520 --> 00:17:51.020 Transformative things happen or do

NOTE Confidence: 0.812032482

00:17:51.020 --> 00:17:53.251 we just expect them to happen and

NOTE Confidence: 0.812032482

00:17:53.251 --> 00:17:54.826 therefore they manifest through some

NOTE Confidence: 0.812032482

00:17:54.886 --> 00:17:56.946 sort of perceptual control and 2nd

NOTE Confidence: 0.812032482

00:17:56.946 --> 00:17:59.890 like how important do you think that is,

NOTE Confidence: 0.812032482

00:17:59.890 --> 00:18:02.221 whether it has to be an authentic

NOTE Confidence: 0.812032482

00:18:02.221 --> 00:18:04.342 experience or or or something that

NOTE Confidence: 0.812032482

00:18:04.342 --> 00:18:06.509 was sort of derived from the kind

NOTE Confidence: 0.812032482

00:18:06.509 --> 00:18:07.774 of cultural baggage that these

NOTE Confidence: 0.812032482

00:18:07.774 --> 00:18:09.579 sorts of things have have acquired?

NOTE Confidence: 0.79796413

00:18:10.610 --> 00:18:12.450 OK. There's a lot there and it's also,

NOTE Confidence: 0.79796413

00:18:12.450 --> 00:18:13.930 I could say, even more than I probably

NOTE Confidence: 0.79796413

00:18:13.930 --> 00:18:18.135 should, but so thank you. Cool.

NOTE Confidence: 0.79796413

00:18:18.135 --> 00:18:22.845 So the first question with expectation,

NOTE Confidence: 0.79796413

00:18:22.850 --> 00:18:24.970 there's a kind of very,

NOTE Confidence: 0.79796413

00:18:24.970 --> 00:18:27.320 I have a very broad or how can I put

NOTE Confidence: 0.79796413

00:18:27.387 --> 00:18:29.507 it simple definition of epistemic

NOTE Confidence: 0.79796413

00:18:29.507 --> 00:18:32.465 transformation such that it's a kind of

NOTE Confidence: 0.79796413

00:18:32.465 --> 00:18:34.763 experience that just changes like that.

NOTE Confidence: 0.79796413

00:18:34.770 --> 00:18:37.848 How can I put it changes what you know?

NOTE Confidence: 0.79796413

00:18:37.850 --> 00:18:41.036 And so it's not clear to me that the

NOTE Confidence: 0.79796413

00:18:41.036 --> 00:18:44.028 experience that he had wasn't transformative.

NOTE Confidence: 0.79796413

00:18:44.030 --> 00:18:45.332 It just may not have been

NOTE Confidence: 0.79796413

00:18:45.332 --> 00:18:45.766 personally transformative.

NOTE Confidence: 0.79796413

00:18:45.770 --> 00:18:48.360 In other words, I think it involved.

NOTE Confidence: 0.852571652222222

00:18:50.910 --> 00:18:52.940 A changed kind of representation

NOTE Confidence: 0.852571652222222

00:18:52.940 --> 00:18:54.564 to the external world.

NOTE Confidence: 0.852571652222222

00:18:54.570 --> 00:18:57.167 I sometimes think of it as somehow

NOTE Confidence: 0.852571652222222

00:18:57.170 --> 00:18:58.405 presenting the properties of the

NOTE Confidence: 0.852571652222222

00:18:58.405 --> 00:19:00.390 world to you in a different way.

NOTE Confidence: 0.852571652222222

00:19:00.390 --> 00:19:01.870 And that's, I know that's,

NOTE Confidence: 0.852571652222222

00:19:01.870 --> 00:19:03.076 I mean it's it's famously hard

NOTE Confidence: 0.852571652222222

00:19:03.076 --> 00:19:04.405 to talk about these things in

NOTE Confidence: 0.852571652222222

00:19:04.405 --> 00:19:05.374 an acceptable sense, right?

NOTE Confidence: 0.852571652222222

00:19:05.374 --> 00:19:06.838 Try to describe what it's like

NOTE Confidence: 0.852571652222222

00:19:06.838 --> 00:19:08.648 even just to see read to somebody

NOTE Confidence: 0.852571652222222

00:19:08.648 --> 00:19:09.923 and quickly words run out.

NOTE Confidence: 0.852571652222222

00:19:09.930 --> 00:19:12.698 And so the thought is that the

NOTE Confidence: 0.852571652222222

00:19:12.698 --> 00:19:15.446 nature of the experience would be

NOTE Confidence: 0.852571652222222

00:19:15.446 --> 00:19:17.220 epistemically transformative as long

NOTE Confidence: 0.852571652222222

00:19:17.220 --> 00:19:19.488 as the nature and character of of.

NOTE Confidence: 0.852571652222222

00:19:19.490 --> 00:19:21.458 His uh, representations were

NOTE Confidence: 0.852571652222222

00:19:21.458 --> 00:19:24.410 different in a way that extended

NOTE Confidence: 0.852571652222222

00:19:24.497 --> 00:19:26.660 past his previous experiences, right?

NOTE Confidence: 0.852571652222222

00:19:26.660 --> 00:19:29.030 And then there's a further question

NOTE Confidence: 0.852571652222222

00:19:29.030 --> 00:19:32.102 about whether or not that was like,

NOTE Confidence: 0.852571652222222

00:19:32.102 --> 00:19:33.350 significant personally.

NOTE Confidence: 0.852571652222222

00:19:33.350 --> 00:19:35.989 OK, so but I do think that.

NOTE Confidence: 0.852571652222222

00:19:35.990 --> 00:19:37.550 Umm.

NOTE Confidence: 0.852571652222222

00:19:37.550 --> 00:19:39.664 The way that we Orient ourselves going

NOTE Confidence: 0.852571652222222

00:19:39.664 --> 00:19:41.813 into these experiences is going to affect

NOTE Confidence: 0.852571652222222

00:19:41.813 --> 00:19:43.595 our interpretation and then by extension,

NOTE Confidence: 0.852571652222222

00:19:43.600 --> 00:19:45.215 looks it affect the the

NOTE Confidence: 0.852571652222222

00:19:45.215 --> 00:19:46.507 nature of the experience.

NOTE Confidence: 0.852571652222222

00:19:46.510 --> 00:19:48.748 Because I don't think that the

NOTE Confidence: 0.852571652222222

00:19:48.748 --> 00:19:49.867 interface between perception

NOTE Confidence: 0.852571652222222

00:19:49.867 --> 00:19:51.719 and cognition is clear here,

NOTE Confidence: 0.852571652222222

00:19:51.720 --> 00:19:51.860 right?

NOTE Confidence: 0.852571652222222

00:19:51.860 --> 00:19:52.840 Or I don't think there's a kind

NOTE Confidence: 0.852571652222222

00:19:52.840 --> 00:19:54.292 of a clear line and we have these

NOTE Confidence: 0.852571652222222

00:19:54.292 --> 00:19:55.509 conversations and other kinds of conflicts,

NOTE Confidence: 0.852571652222222

00:19:55.510 --> 00:19:56.236 right?

NOTE Confidence: 0.852571652222222

00:19:56.236 --> 00:19:56.962 Umm,

NOTE Confidence: 0.852571652222222

00:19:56.962 --> 00:19:57.688 no,

NOTE Confidence: 0.77700089875

00:19:57.700 --> 00:19:59.040 I was watching something.

NOTE Confidence: 0.77700089875

00:19:59.040 --> 00:20:00.540 I'm trying to pause it.

NOTE Confidence: 0.92740047

00:20:01.730 --> 00:20:02.300 OK.

NOTE Confidence: 0.788333736666667

00:20:05.390 --> 00:20:10.775 Umm, so I don't deny that to have maybe

NOTE Confidence: 0.788333736666667

00:20:10.775 --> 00:20:12.035 a personally transformative experience

NOTE Confidence: 0.788333736666667

00:20:12.035 --> 00:20:14.407 of the sort that you see in the

NOTE Confidence: 0.788333736666667

00:20:14.407 --> 00:20:15.782 discussions of with Second Olympics,

NOTE Confidence: 0.788333736666667

00:20:15.790 --> 00:20:17.598 because you might not have to kind of

NOTE Confidence: 0.788333736666667

00:20:17.598 --> 00:20:18.929 prepare yourself in a particular way.

NOTE Confidence: 0.788333736666667

00:20:18.930 --> 00:20:20.405 But an interesting question is

NOTE Confidence: 0.788333736666667

00:20:20.405 --> 00:20:21.585 maybe with clinical applications,

NOTE Confidence: 0.788333736666667

00:20:21.590 --> 00:20:23.606 how do you prepare someone for a

NOTE Confidence: 0.788333736666667

00:20:23.606 --> 00:20:25.016 psychedelic experience when you can't

NOTE Confidence: 0.788333736666667

00:20:25.016 --> 00:20:26.976 describe two of them in a relevant sense,

NOTE Confidence: 0.788333736666667

00:20:26.980 --> 00:20:27.904 what it's like, right?

NOTE Confidence: 0.788333736666667

00:20:27.904 --> 00:20:30.577 And I guess the idea is we try to prepare

NOTE Confidence: 0.788333736666667

00:20:30.577 --> 00:20:32.293 them emotionally for something, right?

NOTE Confidence: 0.788333736666667

00:20:32.293 --> 00:20:35.674 It's like another example I have involves.

NOTE Confidence: 0.788333736666667

00:20:35.680 --> 00:20:36.868 Say somebody's been incarcerated

NOTE Confidence: 0.788333736666667

00:20:36.868 --> 00:20:38.622 for 25 or 30 years, right,

NOTE Confidence: 0.788333736666667

00:20:38.622 --> 00:20:40.718 and is about to be released from prison.

NOTE Confidence: 0.788333736666667

00:20:40.720 --> 00:20:42.080 And I have to go in front of the parole

NOTE Confidence: 0.788333736666667

00:20:42.120 --> 00:20:43.513 board and convince the parole board that

NOTE Confidence: 0.788333736666667

00:20:43.513 --> 00:20:45.000 they're ready to kind of, you know,

NOTE Confidence: 0.788333736666667

00:20:45.000 --> 00:20:46.425 refuse temptations of various sorts.

NOTE Confidence: 0.788333736666667

00:20:46.430 --> 00:20:48.187 This is a person who's never even

NOTE Confidence: 0.788333736666667

00:20:48.187 --> 00:20:48.940 seen a smartphone,

NOTE Confidence: 0.788333736666667

00:20:48.940 --> 00:20:49.940 at least not directly,

NOTE Confidence: 0.788333736666667

00:20:49.940 --> 00:20:51.440 and never even used the Internet.

NOTE Confidence: 0.788333736666667

00:20:51.440 --> 00:20:53.834 And I think there's a way in which they

NOTE Confidence: 0.788333736666667

00:20:53.834 --> 00:20:56.013 can't possibly prepare themselves for

NOTE Confidence: 0.788333736666667

00:20:56.013 --> 00:20:57.784 life on the outside and including kind

NOTE Confidence: 0.788333736666667

00:20:57.784 --> 00:20:59.114 of resisting temptation because they

NOTE Confidence: 0.788333736666667

00:20:59.114 --> 00:21:01.150 don't know what it is they're in for.

NOTE Confidence: 0.788333736666667

00:21:01.150 --> 00:21:02.914 And so I think there's an interesting

NOTE Confidence: 0.788333736666667

00:21:02.914 --> 00:21:04.159 kind of conceptual problem here

NOTE Confidence: 0.788333736666667

00:21:04.159 --> 00:21:05.473 that that I hope would be.

NOTE Confidence: 0.788333736666667

00:21:05.480 --> 00:21:06.252 We can't solve it,

NOTE Confidence: 0.788333736666667

00:21:06.252 --> 00:21:07.410 but I can at least articulate

NOTE Confidence: 0.788333736666667

00:21:07.453 --> 00:21:08.458 the conceptual framework.

NOTE Confidence: 0.689415181111111

00:21:12.120 --> 00:21:12.915 Laurie, there's a,

NOTE Confidence: 0.689415181111111

00:21:12.915 --> 00:21:14.893 I think a really interesting question in

NOTE Confidence: 0.689415181111111

00:21:14.893 --> 00:21:17.860 the chat from Anahita about, you know,

NOTE Confidence: 0.689415181111111

00:21:17.860 --> 00:21:19.276 isn't this true of all experiences

NOTE Confidence: 0.689415181111111

00:21:19.276 --> 00:21:21.080 that we don't really know what they are?

NOTE Confidence: 0.689415181111111

00:21:21.080 --> 00:21:23.940 And so I guess another way to frame that is,

NOTE Confidence: 0.689415181111111

00:21:23.940 --> 00:21:26.460 is a qualitative difference about

NOTE Confidence: 0.689415181111111

00:21:26.460 --> 00:21:28.980 psychedelic experience or other experiences

NOTE Confidence: 0.689415181111111

00:21:28.980 --> 00:21:30.286 of the class that you're describing,

NOTE Confidence: 0.689415181111111

00:21:30.286 --> 00:21:33.136 or is it a quantitative one that just

NOTE Confidence: 0.689415181111111

00:21:33.136 --> 00:21:34.648 all experiences are transformative?

NOTE Confidence: 0.689415181111111

00:21:34.650 --> 00:21:37.170 But it's kind of silly to use that word

NOTE Confidence: 0.689415181111111

00:21:37.170 --> 00:21:39.890 until you cross some quantitative threshold?

NOTE Confidence: 0.748551165454545

00:21:41.500 --> 00:21:42.934 Yeah. So OK, now we're going

NOTE Confidence: 0.748551165454545

00:21:42.934 --> 00:21:45.208 to do a little metaphysics, OK,

NOTE Confidence: 0.748551165454545

00:21:45.208 --> 00:21:48.736 so I think it's very important.

46

NOTE Confidence: 0.748551165454545

00:21:48.740 --> 00:21:49.499 Once someone needs

NOTE Confidence: 0.798655886

00:21:49.510 --> 00:21:53.258 to mute if you please. Oh, I did good.

NOTE Confidence: 0.922348285

00:21:55.150 --> 00:21:59.590 OK, so I think. This is one reason why

NOTE Confidence: 0.922348285

00:21:59.590 --> 00:22:01.505 I distinguish between kind of a minor

NOTE Confidence: 0.922348285

00:22:01.505 --> 00:22:03.055 epistemic transformation and maybe a

NOTE Confidence: 0.922348285

00:22:03.055 --> 00:22:04.604 more significant one that actually

NOTE Confidence: 0.922348285

00:22:04.604 --> 00:22:06.290 scales up into a personal change.

NOTE Confidence: 0.922348285

00:22:06.290 --> 00:22:09.496 So, Umm, it's true that we're always

NOTE Confidence: 0.922348285

00:22:09.496 --> 00:22:12.949 having new kinds of new new experiences.

NOTE Confidence: 0.922348285

00:22:12.950 --> 00:22:14.270 Like very often married minor,

NOTE Confidence: 0.922348285

00:22:14.270 --> 00:22:15.146 minor new experiences.

NOTE Confidence: 0.922348285

00:22:15.146 --> 00:22:17.190 Like I walked into my office today,

NOTE Confidence: 0.922348285

00:22:17.190 --> 00:22:18.891 and the light, the character of the

NOTE Confidence: 0.922348285

00:22:18.891 --> 00:22:20.202 light was slightly different probably

NOTE Confidence: 0.922348285

00:22:20.202 --> 00:22:22.330 than any other time I've seen my office.

NOTE Confidence: 0.922348285

00:22:22.330 --> 00:22:24.136 My desk was maybe messy in a

NOTE Confidence: 0.922348285

00:22:24.136 --> 00:22:25.485 slightly different way than you

NOTE Confidence: 0.922348285

00:22:25.485 --> 00:22:26.785 know than it ordinarily is.

NOTE Confidence: 0.922348285

00:22:26.790 --> 00:22:29.086 So my experience of walking into my office.

NOTE Confidence: 0.922348285

00:22:29.090 --> 00:22:32.609 Slightly different. But.

NOTE Confidence: 0.922348285

00:22:32.610 --> 00:22:33.710 Afternoon, we don't even notice.

NOTE Confidence: 0.922348285

00:22:33.710 --> 00:22:34.930 Like those kinds of variations.

NOTE Confidence: 0.922348285

00:22:34.930 --> 00:22:37.042 Maybe it's a little bit epistemically

NOTE Confidence: 0.922348285

00:22:37.042 --> 00:22:38.450 transformative in some sense,

NOTE Confidence: 0.922348285

00:22:38.450 --> 00:22:39.910 but it's not transformative

NOTE Confidence: 0.922348285

00:22:39.910 --> 00:22:41.370 in an interesting way.

NOTE Confidence: 0.922348285

00:22:41.370 --> 00:22:44.352 What I think is interesting is when

NOTE Confidence: 0.922348285

00:22:44.352 --> 00:22:47.630 we have new kinds of experiences.

NOTE Confidence: 0.922348285

00:22:47.630 --> 00:22:48.694 And again,

NOTE Confidence: 0.922348285

00:22:48.694 --> 00:22:51.354 it's where there are famously

NOTE Confidence: 0.922348285

00:22:51.354 --> 00:22:53.330 blurry blurry lines between slightly

NOTE Confidence: 0.922348285

00:22:53.330 --> 00:22:55.130 different instances of the same

NOTE Confidence: 0.922348285

00:22:55.130 --> 00:22:56.819 experience and we're kind of shifts

NOTE Confidence: 0.922348285

00:22:56.819 --> 00:22:58.398 over into kind of actually an

NOTE Confidence: 0.922348285

00:22:58.398 --> 00:23:00.148 experience in a new kind of category.

NOTE Confidence: 0.922348285

00:23:00.150 --> 00:23:02.550 So that's where the metaphysics comes in and.

NOTE Confidence: 0.922348285

00:23:02.550 --> 00:23:05.038 I tend to focus on very clear cases.

NOTE Confidence: 0.922348285

00:23:05.040 --> 00:23:06.732 If there's a case where the

NOTE Confidence: 0.922348285

00:23:06.732 --> 00:23:08.644 experience is just a little bit

NOTE Confidence: 0.922348285

00:23:08.644 --> 00:23:10.798 different from some of our other

NOTE Confidence: 0.922348285

00:23:10.798 --> 00:23:12.518 experiences we've had in the past,

NOTE Confidence: 0.922348285

00:23:12.520 --> 00:23:13.354 I think that.

NOTE Confidence: 0.922348285

00:23:13.354 --> 00:23:14.744 But there's probably enough similarity

NOTE Confidence: 0.922348285

00:23:14.744 --> 00:23:16.847 that we can draw on that to make

NOTE Confidence: 0.922348285

00:23:16.847 --> 00:23:18.118 the projective assessments at least

NOTE Confidence: 0.922348285

00:23:18.118 --> 00:23:19.672 in relevant cases that we need to

NOTE Confidence: 0.922348285

00:23:19.672 --> 00:23:20.956 make and ideally make the kinds

NOTE Confidence: 0.922348285

00:23:20.956 --> 00:23:22.460 of decisions that we want to make.

NOTE Confidence: 0.922348285

00:23:22.460 --> 00:23:25.044 And they also don't tend to be then

NOTE Confidence: 0.922348285

00:23:25.044 --> 00:23:27.288 revelatory in the epistemic way that's

NOTE Confidence: 0.922348285

00:23:27.288 --> 00:23:30.042 necessary to kind of change the kind

NOTE Confidence: 0.922348285

00:23:30.042 --> 00:23:32.568 of structure of someone first personally.

NOTE Confidence: 0.922348285

00:23:32.570 --> 00:23:34.570 So.

NOTE Confidence: 0.922348285

00:23:34.570 --> 00:23:36.040 I don't think it's silly to use

NOTE Confidence: 0.922348285

00:23:36.040 --> 00:23:37.130 the word transformative experience.

NOTE Confidence: 0.922348285

00:23:37.130 --> 00:23:39.818 I use that word.

NOTE Confidence: 0.922348285

00:23:39.820 --> 00:23:40.394 With care,

NOTE Confidence: 0.922348285

00:23:40.394 --> 00:23:43.186 what I'm trying to do is kind of capture

NOTE Confidence: 0.922348285

00:23:43.186 --> 00:23:45.712 something about the the nature of

NOTE Confidence: 0.922348285

00:23:45.712 --> 00:23:48.119 how transformative is ordinarily used.

NOTE Confidence: 0.922348285

00:23:48.120 --> 00:23:48.586 But then,

NOTE Confidence: 0.922348285

00:23:48.586 --> 00:23:49.518 like in my work,

NOTE Confidence: 0.922348285

00:23:49.520 --> 00:23:51.473 I try to be much more precise

NOTE Confidence: 0.922348285

00:23:51.473 --> 00:23:53.646 and think about notions of value

NOTE Confidence: 0.922348285

00:23:53.646 --> 00:23:55.756 and questions about building in

NOTE Confidence: 0.922348285

00:23:55.756 --> 00:23:57.303 particular decision theoretic models

NOTE Confidence: 0.922348285

00:23:57.303 --> 00:23:59.839 where we have to where we think of

NOTE Confidence: 0.922348285

00:23:59.840 --> 00:24:01.415 value functions and getting inputs

NOTE Confidence: 0.922348285

00:24:01.415 --> 00:24:03.480 and being able to assign outputs.

NOTE Confidence: 0.922348285

00:24:03.480 --> 00:24:05.202 And at the very least maybe trying

NOTE Confidence: 0.922348285

00:24:05.202 --> 00:24:06.833 to develop various kinds of scales

NOTE Confidence: 0.922348285

00:24:06.833 --> 00:24:08.228 for different kinds of value

NOTE Confidence: 0.922348285

00:24:08.228 --> 00:24:09.768 assessments and and make meaningful.

NOTE Confidence: 0.922348285

00:24:09.770 --> 00:24:11.990 Harrisons.

NOTE Confidence: 0.922348285

00:24:11.990 --> 00:24:13.058 Happy to say more about that,

NOTE Confidence: 0.922348285

00:24:13.060 --> 00:24:14.310 but that's basically my take.

NOTE Confidence: 0.922348285

00:24:14.310 --> 00:24:14.814 It's a good,

NOTE Confidence: 0.922348285

00:24:14.814 --> 00:24:15.486 it's a good question.

NOTE Confidence: 0.922348285

00:24:15.490 --> 00:24:17.254 I can I can say more if I haven't

NOTE Confidence: 0.922348285

00:24:17.254 --> 00:24:18.479 answered it enough for people.

NOTE Confidence: 0.831390132

00:24:22.720 --> 00:24:23.740 Yeah, I have a question.

NOTE Confidence: 0.831390132

00:24:23.740 --> 00:24:26.988 I really enjoy the talk so far.

NOTE Confidence: 0.831390132

00:24:26.990 --> 00:24:29.097 So I guess one thought I had on

NOTE Confidence: 0.831390132

00:24:29.097 --> 00:24:31.049 this same line of of thought is,

NOTE Confidence: 0.831390132

00:24:31.050 --> 00:24:32.855 in this framework of transformative

NOTE Confidence: 0.831390132

00:24:32.855 --> 00:24:33.938 experiences for you,

NOTE Confidence: 0.831390132

00:24:33.940 --> 00:24:36.257 is it possible to have a false

NOTE Confidence: 0.831390132

00:24:36.257 --> 00:24:36.919 transformative experience?

NOTE Confidence: 0.831390132

00:24:36.920 --> 00:24:39.220 Meaning that an experience which

NOTE Confidence: 0.831390132

00:24:39.220 --> 00:24:41.060 doesn't actually change one's

NOTE Confidence: 0.831390132

00:24:41.060 --> 00:24:43.316 values or appraisal of, you know,

NOTE Confidence: 0.831390132

00:24:43.316 --> 00:24:44.956 the current situation or future,

NOTE Confidence: 0.831390132

00:24:44.960 --> 00:24:46.360 the value of the decision

NOTE Confidence: 0.831390132

00:24:46.360 --> 00:24:47.480 that the person made,

NOTE Confidence: 0.831390132

00:24:47.480 --> 00:24:50.370 but which does convey the

NOTE Confidence: 0.831390132

00:24:50.370 --> 00:24:51.824 revelatory experience and makes

NOTE Confidence: 0.831390132

00:24:51.824 --> 00:24:53.312 you feel that that has happened?

NOTE Confidence: 0.761438265

00:24:54.320 --> 00:24:55.130 It's interesting.

NOTE Confidence: 0.85720625875

00:24:57.700 --> 00:24:59.324 I'm sure it does. So one of the

NOTE Confidence: 0.85720625875

00:24:59.324 --> 00:25:00.508 things I'm really interested

NOTE Confidence: 0.85720625875

00:25:00.508 --> 00:25:02.159 in involves self deception, OK?

NOTE Confidence: 0.85720625875

00:25:02.159 --> 00:25:03.950 And you just described kind of a case of

NOTE Confidence: 0.85720625875

00:25:04.001 --> 00:25:05.765 where there's a kind of self deception.

NOTE Confidence: 0.775820412222222

00:25:07.850 --> 00:25:08.918 But actually, let me explore this

NOTE Confidence: 0.775820412222222

00:25:08.918 --> 00:25:10.624 a little bit. So is the thought.

NOTE Confidence: 0.775820412222222

00:25:10.624 --> 00:25:12.370 So what I'm arguing is that

NOTE Confidence: 0.775820412222222

00:25:12.443 --> 00:25:14.218 in certain kinds of context,

NOTE Confidence: 0.775820412222222

00:25:14.220 --> 00:25:16.859 when there's a kind of an epistemic

NOTE Confidence: 0.775820412222222

53

00:25:16.859 --> 00:25:19.137 revelation like you discover the like

NOTE Confidence: 0.775820412222222

00:25:19.137 --> 00:25:21.636 a new kind of mode of presentation

NOTE Confidence: 0.775820412222222

00:25:21.706 --> 00:25:23.940 of the world and it's significant.

NOTE Confidence: 0.775820412222222

00:25:23.940 --> 00:25:27.230 Like you take it to be significant.

NOTE Confidence: 0.775820412222222

00:25:27.230 --> 00:25:29.054 There's a sense in which that's

NOTE Confidence: 0.775820412222222

00:25:29.054 --> 00:25:30.908 just going to change you, right.

NOTE Confidence: 0.775820412222222

00:25:30.908 --> 00:25:32.936 And it changes how you think

NOTE Confidence: 0.775820412222222

00:25:32.936 --> 00:25:34.450 you view the world,

NOTE Confidence: 0.775820412222222

00:25:34.450 --> 00:25:36.088 just to kind of be consistent

NOTE Confidence: 0.775820412222222

00:25:36.088 --> 00:25:36.907 with your example.

NOTE Confidence: 0.775820412222222

00:25:36.910 --> 00:25:39.073 So there's a kind of higher order

NOTE Confidence: 0.775820412222222

00:25:39.073 --> 00:25:40.443 self representation that's clearly

NOTE Confidence: 0.775820412222222

00:25:40.443 --> 00:25:41.990 changed and yet there's an element

NOTE Confidence: 0.775820412222222

00:25:41.990 --> 00:25:43.456 of self deception because as you're

NOTE Confidence: 0.775820412222222

00:25:43.456 --> 00:25:45.022 suggesting like some of your basic

NOTE Confidence: 0.775820412222222

00:25:45.022 --> 00:25:46.327 moral values haven't changed the

00:25:46.327 --> 00:25:47.743 way that you're thinking about what

00:25:47.743 --> 00:25:49.144 you want to do hasn't changed.

00:25:49.144 --> 00:25:50.944 But I would say if the higher

00:25:50.944 --> 00:25:52.739 order self conception has changed,

00:25:52.740 --> 00:25:55.628 that counts as a change in self under.

00:25:55.630 --> 00:25:57.252 I mean I think in in, in many relevant.

00:25:57.252 --> 00:25:59.232 And I'm happy to say I'm not talking

00:25:59.232 --> 00:26:01.234 about when I say someone has changed,

00:26:01.240 --> 00:26:02.446 like has changed their like who

00:26:02.446 --> 00:26:03.550 they are in some sense.

00:26:03.550 --> 00:26:05.110 I'm not saying everything has changed.

00:26:05.110 --> 00:26:06.385 Many fundamental psychological

00:26:06.385 --> 00:26:08.510 dispositions are probably the same.

00:26:08.510 --> 00:26:09.848 But if this person thinks there's

00:26:09.848 --> 00:26:11.195 a kind of persistent change and

00:26:11.195 --> 00:26:12.413 that's reflected in kind of at

NOTE Confidence: 0.775820412222222

00:26:12.413 --> 00:26:13.716 least a persisting higher order

NOTE Confidence: 0.775820412222222

00:26:13.716 --> 00:26:15.426 difference in how one regards oneself.

NOTE Confidence: 0.775820412222222

00:26:15.430 --> 00:26:16.140 And I would say, yeah,

NOTE Confidence: 0.775820412222222

00:26:16.140 --> 00:26:18.468 that entails the kind of transformative

NOTE Confidence: 0.775820412222222

00:26:18.468 --> 00:26:20.020 experience that I'm describing.

NOTE Confidence: 0.775820412222222

00:26:20.020 --> 00:26:21.620 So I guess my answer would be maybe

NOTE Confidence: 0.775820412222222

00:26:21.620 --> 00:26:23.223 it's not possible if the right

NOTE Confidence: 0.775820412222222

00:26:23.223 --> 00:26:24.663 kinds of epistemic constraints are,

NOTE Confidence: 0.775820412222222

00:26:24.670 --> 00:26:26.866 are, are, are, are in play.

NOTE Confidence: 0.775820412222222

00:26:26.870 --> 00:26:27.240 Thanks.

NOTE Confidence: 0.81925582

00:26:30.070 --> 00:26:32.850 Hey, can I just add to that because I was,

NOTE Confidence: 0.81925582

00:26:32.850 --> 00:26:35.370 I'm sort of intrigued by by AL's question.

NOTE Confidence: 0.81925582

00:26:35.370 --> 00:26:38.107 So when I was a graduate student,

NOTE Confidence: 0.81925582

00:26:38.110 --> 00:26:42.088 we did some experiments with amphetamines.

NOTE Confidence: 0.81925582

00:26:42.090 --> 00:26:44.435 And our pilot subjects were other graduate

00:26:44.435 --> 00:26:46.110 students from different departments,

00:26:46.110 --> 00:26:47.262 not from our own.

00:26:47.262 --> 00:26:49.700 And one of the effects of a fairly

00:26:49.700 --> 00:26:51.626 high dose of amphetamine is the

00:26:51.626 --> 00:26:53.950 sort of pseudo profound insight.

00:26:53.950 --> 00:26:56.456 So the other graduate students would have

00:26:56.456 --> 00:26:58.889 these flights of ideas and they'd say,

00:26:58.890 --> 00:26:59.874 Phil, get your notebook.

00:26:59.874 --> 00:27:01.350 I've just solved everything for you.

00:27:01.350 --> 00:27:02.394 Just write this down.

00:27:02.394 --> 00:27:04.821 I know exactly what you need to do to

00:27:04.821 --> 00:27:06.690 solve this problem that you're working on.

00:27:06.690 --> 00:27:09.402 And so I would get my notebook and

00:27:09.402 --> 00:27:12.097 pen and get ready to write down.

00:27:12.100 --> 00:27:14.004 The insight and it would be gone and

00:27:14.004 --> 00:27:15.576 they'd move on to the next thing.

NOTE Confidence: 0.81925582

00:27:15.580 --> 00:27:17.804 So I think to sort of frame our

NOTE Confidence: 0.81925582

00:27:17.804 --> 00:27:19.100 question slightly differently,

NOTE Confidence: 0.81925582

00:27:19.100 --> 00:27:21.998 you can have an experience of awe

NOTE Confidence: 0.81925582

00:27:21.998 --> 00:27:24.420 or insight without actually sort of.

NOTE Confidence: 0.542423912

00:27:27.530 --> 00:27:29.880 Or embodying that that insight, right.

NOTE Confidence: 0.741555645882353

00:27:29.950 --> 00:27:31.930 Yes. Yes. Yeah. So one thing I didn't say

NOTE Confidence: 0.741555645882353

00:27:31.930 --> 00:27:34.005 in response to his question was to say,

NOTE Confidence: 0.741555645882353

00:27:34.010 --> 00:27:37.073 look, they take virtual experiences, right.

NOTE Confidence: 0.741555645882353

00:27:37.073 --> 00:27:38.205 There's this interesting thing

NOTE Confidence: 0.741555645882353

00:27:38.205 --> 00:27:39.961 where there's a sense in which

NOTE Confidence: 0.741555645882353

00:27:39.961 --> 00:27:41.406 a virtual experience isn't real.

NOTE Confidence: 0.741555645882353

00:27:41.410 --> 00:27:43.000 OK. I mean, you're not, you know,

NOTE Confidence: 0.741555645882353

00:27:43.000 --> 00:27:45.310 whatever is you're flying or something that

NOTE Confidence: 0.741555645882353

00:27:45.310 --> 00:27:47.517 you're not really flying and yet you're

NOTE Confidence: 0.741555645882353

00:27:47.517 --> 00:27:49.828 still having a certain kind of experience.

NOTE Confidence: 0.741555645882353

00:27:49.830 --> 00:27:53.309 And so we have to distinguish between.

NOTE Confidence: 0.741555645882353

00:27:53.310 --> 00:27:54.045 Um, getting um,

NOTE Confidence: 0.741555645882353

00:27:54.045 --> 00:27:55.515 the kinds of information you can

NOTE Confidence: 0.741555645882353

00:27:55.515 --> 00:27:57.054 get just from having an experience

NOTE Confidence: 0.741555645882353

00:27:57.054 --> 00:27:58.935 and then one might say like whether

NOTE Confidence: 0.741555645882353

00:27:58.935 --> 00:28:00.095 or not there's anything,

NOTE Confidence: 0.741555645882353

00:28:00.100 --> 00:28:01.009 there's any content,

NOTE Confidence: 0.741555645882353

00:28:01.009 --> 00:28:03.130 any significant let's they believe for other

NOTE Confidence: 0.741555645882353

00:28:03.178 --> 00:28:04.948 kinds of content associated with that.

NOTE Confidence: 0.834778019333333

00:28:07.250 --> 00:28:09.882 Here I want and this is a little

NOTE Confidence: 0.834778019333333

00:28:09.882 --> 00:28:12.110 bit related to like what I said,

NOTE Confidence: 0.834778019333333

00:28:12.110 --> 00:28:15.934 what I said to was it all OK?

NOTE Confidence: 0.834778019333333

00:28:15.940 --> 00:28:17.697 But we want to distinguish them between

NOTE Confidence: 0.834778019333333

00:28:17.697 --> 00:28:19.164 what are the causal consequences

NOTE Confidence: 0.834778019333333

00:28:19.164 --> 00:28:20.829 of merely discovering the nature

NOTE Confidence: 0.834778019333333

00:28:20.829 --> 00:28:22.650 and character of that experience,

NOTE Confidence: 0.834778019333333

00:28:22.650 --> 00:28:24.794 and then what are the causal consequences of,

NOTE Confidence: 0.834778019333333

00:28:24.800 --> 00:28:25.764 like discovering new content,

NOTE Confidence: 0.834778019333333

00:28:25.764 --> 00:28:27.055 if there is any, right.

NOTE Confidence: 0.834778019333333

00:28:27.055 --> 00:28:29.330 And I think we can have downstream

NOTE Confidence: 0.834778019333333

00:28:29.330 --> 00:28:30.670 consequences in both cases.

NOTE Confidence: 0.834778019333333

00:28:30.670 --> 00:28:32.434 It's just really important to distinguish

NOTE Confidence: 0.834778019333333

00:28:32.434 --> 00:28:34.179 between those and not think that.

NOTE Confidence: 0.834778019333333

00:28:34.180 --> 00:28:35.930 So, for example, with psychedelics,

NOTE Confidence: 0.834778019333333

00:28:35.930 --> 00:28:37.448 one of the things that's fascinating,

NOTE Confidence: 0.834778019333333

00:28:37.450 --> 00:28:38.800 I mean many things, obviously,

NOTE Confidence: 0.834778019333333

00:28:38.800 --> 00:28:41.092 is that, you know, intelligent, smart,

NOTE Confidence: 0.834778019333333

00:28:41.092 --> 00:28:43.066 thoughtful people will go and have a

NOTE Confidence: 0.834778019333333

00:28:43.066 --> 00:28:44.530 psychedelic experience and know afterwards,

NOTE Confidence: 0.834778019333333

00:28:44.530 --> 00:28:45.250 after they've recovered,

NOTE Confidence: 0.834778019333333

00:28:45.250 --> 00:28:45.730 say, look,

NOTE Confidence: 0.834778019333333

00:28:45.730 --> 00:28:47.218 I've changed the way that I think about.

NOTE Confidence: 0.834778019333333

00:28:47.220 --> 00:28:48.893 Like myself in the nature of the

NOTE Confidence: 0.834778019333333

00:28:48.893 --> 00:28:50.977 world and I think but you're a drug,

NOTE Confidence: 0.834778019333333

00:28:50.980 --> 00:28:52.663 you know like you were on a drug it

NOTE Confidence: 0.834778019333333

00:28:52.663 --> 00:28:54.417 was you know in some sense you know

NOTE Confidence: 0.834778019333333

00:28:54.417 --> 00:28:55.956 you were kind of misrepresenting the

NOTE Confidence: 0.834778019333333

00:28:55.956 --> 00:28:57.909 nature of reality and yet you think

NOTE Confidence: 0.834778019333333

00:28:57.910 --> 00:28:59.146 there's there's some interesting

NOTE Confidence: 0.834778019333333

00:28:59.146 --> 00:29:01.000 implication here and I think that's

NOTE Confidence: 0.834778019333333

00:29:01.053 --> 00:29:02.775 coherent but figuring out how it could

NOTE Confidence: 0.834778019333333

00:29:02.775 --> 00:29:04.691 be coherent and I don't mean that

NOTE Confidence: 0.834778019333333

00:29:04.691 --> 00:29:06.106 they're having a spiritual revelation.

NOTE Confidence: 0.834778019333333

00:29:06.110 --> 00:29:07.148 I know that some people do.

NOTE Confidence: 0.834778019333333

00:29:07.150 --> 00:29:08.956 I mean that they feel like they

NOTE Confidence: 0.834778019333333

00:29:08.956 --> 00:29:11.257 kind of went back to they're saying

NOTE Confidence: 0.834778019333333

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00:29:11.257 --> 00:29:13.082 very scientifically kind of maybe

NOTE Confidence: 0.834778019333333

00:29:13.090 --> 00:29:14.990 non spiritual sense of thinking

NOTE Confidence: 0.834778019333333

00:29:14.990 --> 00:29:17.992 about the world and yet they think

NOTE Confidence: 0.834778019333333

00:29:17.992 --> 00:29:19.528 they've learned something.

NOTE Confidence: 0.834778019333333

00:29:19.530 --> 00:29:21.830 I want to say that in this kind of context,

NOTE Confidence: 0.834778019333333

00:29:21.830 --> 00:29:23.138 maybe what they've learned is something

NOTE Confidence: 0.834778019333333

00:29:23.138 --> 00:29:24.659 about how the mind meets the world.

NOTE Confidence: 0.834778019333333

00:29:24.660 --> 00:29:26.175 Like they've learned something about

NOTE Confidence: 0.834778019333333

00:29:26.175 --> 00:29:28.641 how by changing the way that their mind

NOTE Confidence: 0.834778019333333

00:29:28.641 --> 00:29:30.429 met the world through chemical means,

NOTE Confidence: 0.834778019333333

00:29:30.430 --> 00:29:31.965 there's something kind of deep

NOTE Confidence: 0.834778019333333

00:29:31.965 --> 00:29:33.500 that they understand about the

NOTE Confidence: 0.834778019333333

00:29:33.559 --> 00:29:35.044 structure of of that relationship

NOTE Confidence: 0.834778019333333

00:29:35.044 --> 00:29:36.990 and can't really say more clearly.

NOTE Confidence: 0.834778019333333

00:29:36.990 --> 00:29:38.526 But I'm fascinated by this possibility,

NOTE Confidence: 0.834778019333333

00:29:38.530 --> 00:29:39.958 and I think there's a kind of

NOTE Confidence: 0.834778019333333

00:29:39.958 --> 00:29:40.720 philosophical implication of it.

NOTE Confidence: 0.716627

00:29:45.250 --> 00:29:45.840 Emmanuel.

NOTE Confidence: 0.623624496666667

00:29:48.690 --> 00:29:51.318 Emmanuel, you're muted.

NOTE Confidence: 0.623624496666667

00:29:51.320 --> 00:29:53.312 Sorry, you think I I learned

NOTE Confidence: 0.623624496666667

00:29:53.312 --> 00:29:54.700 by now after two years.

NOTE Confidence: 0.86657524

00:29:55.100 --> 00:29:57.030 This is a fascinating discussion.

NOTE Confidence: 0.81650262

00:29:57.580 --> 00:29:59.080 Your your example that you

NOTE Confidence: 0.81650262

00:29:59.080 --> 00:30:01.048 gave of Mary, I think it

NOTE Confidence: 0.850808781666667

00:30:01.060 --> 00:30:02.176 was who was in a room

NOTE Confidence: 0.85510453

00:30:02.190 --> 00:30:03.548 with the black and white and then

NOTE Confidence: 0.85510453

00:30:03.548 --> 00:30:04.692 she'll never know color until

NOTE Confidence: 0.85510453

00:30:04.692 --> 00:30:06.959 she sees it made me think of,

NOTE Confidence: 0.85510453

00:30:06.960 --> 00:30:09.764 I believe back in the 70s and 80s they

NOTE Confidence: 0.85510453

00:30:09.764 --> 00:30:11.070 had experiments where they raised

NOTE Confidence: 0.8365323775

00:30:11.080 --> 00:30:13.136 cats in a room with a strobe light,

NOTE Confidence: 0.8365323775

00:30:13.140 --> 00:30:15.413 so they couldn't identify moving objects

NOTE Confidence: 0.8365323775

00:30:15.413 --> 00:30:17.495 the same way and they actually measured

NOTE Confidence: 0.8365323775

00:30:17.495 --> 00:30:19.680 in their visual cortex that that the

NOTE Confidence: 0.8365323775

00:30:19.680 --> 00:30:21.440 layout was completely different. And

NOTE Confidence: 0.846100175714286

00:30:21.450 --> 00:30:22.675 I believe that some of the cats

NOTE Confidence: 0.80084307

00:30:22.690 --> 00:30:26.240 will were able to eventually learn. But so

NOTE Confidence: 0.889980343333333

00:30:26.250 --> 00:30:28.920 this, this made me think about how

NOTE Confidence: 0.889980343333333

00:30:28.920 --> 00:30:30.696 there's also a lot of variability

NOTE Confidence: 0.922898325714286

00:30:30.710 --> 00:30:32.285 in between people and how

NOTE Confidence: 0.922898325714286

00:30:32.285 --> 00:30:33.565 they experience psychedelics.

NOTE Confidence: 0.922898325714286

00:30:33.565 --> 00:30:36.095 And as a practical example in

NOTE Confidence: 0.922898325714286

00:30:36.095 --> 00:30:37.620 the studies that I've done,

NOTE Confidence: 0.922898325714286

00:30:37.620 --> 00:30:40.579 there are some some some subjects

NOTE Confidence: 0.922898325714286

00:30:40.580 --> 00:30:42.500 without even having their own

NOTE Confidence: 0.922898325714286

00:30:42.500 --> 00:30:43.998 personal experience who are just very

NOTE Confidence: 0.908629631538462

00:30:44.010 --> 00:30:46.586 much, you know invested in the in the

NOTE Confidence: 0.908629631538462

00:30:46.586 --> 00:30:49.162 idea of of psychedelics and maybe had

NOTE Confidence: 0.908629631538462

00:30:49.162 --> 00:30:51.076 tried pot before, so it had some idea

NOTE Confidence: 0.824886406

00:30:51.090 --> 00:30:52.850 of. Of what to expect.

NOTE Confidence: 0.772737704

00:30:52.970 --> 00:30:54.280 And then there are others

NOTE Confidence: 0.772737704

00:30:54.280 --> 00:30:55.980 who just wanted treatment.

NOTE Confidence: 0.772737704

00:30:55.980 --> 00:30:57.780 They didn't care what the medication

NOTE Confidence: 0.772737704

00:30:57.780 --> 00:30:59.730 was they they knew that they were

NOTE Confidence: 0.772737704

00:30:59.730 --> 00:31:01.170 going to experience some some changes

NOTE Confidence: 0.74387078

00:31:01.180 --> 00:31:01.798 but you know,

NOTE Confidence: 0.932960235

00:31:01.810 --> 00:31:03.568 didn't really care what it was and

NOTE Confidence: 0.932960235

00:31:03.568 --> 00:31:04.860 they would have very different

NOTE Confidence: 0.932960235

00:31:04.860 --> 00:31:06.760 experiences on the test days.

NOTE Confidence: 0.932960235

00:31:06.760 --> 00:31:08.830 So it just made me think about how

NOTE Confidence: 0.873115231818182

00:31:09.080 --> 00:31:10.816 there's going to be a lot of variability

NOTE Confidence: 0.873115231818182

00:31:10.816 --> 00:31:13.400 based on your life experiences.

NOTE Confidence: 0.873115231818182

00:31:13.400 --> 00:31:16.210 And the example of the cats being raised

NOTE Confidence: 0.798863654

00:31:16.220 --> 00:31:17.973 in strobe light versus not isn't

NOTE Confidence: 0.798863654

00:31:17.973 --> 00:31:20.408 it is an extreme example, but

NOTE Confidence: 0.86663682

00:31:20.480 --> 00:31:21.128 I think that

NOTE Confidence: 0.905224665

00:31:21.140 --> 00:31:22.528 that sort of. Why

NOTE Confidence: 0.8789049175

00:31:22.540 --> 00:31:24.080 I've seen a lot of variability

NOTE Confidence: 0.8789049175

00:31:24.080 --> 00:31:26.680 with with how people experience

NOTE Confidence: 0.8789049175

00:31:26.680 --> 00:31:28.395 psychedelics because they they have

NOTE Confidence: 0.8789049175

00:31:28.395 --> 00:31:30.020 been raised in different environments

NOTE Confidence: 0.8789049175

00:31:30.020 --> 00:31:31.140 or have different ideas about

NOTE Confidence: 0.8789049175

00:31:31.140 --> 00:31:33.080 what to expect and that goes back

NOTE Confidence: 0.8789049175

00:31:33.080 --> 00:31:34.646 to expectancy that was that was

NOTE Confidence: 0.8789049175

00:31:34.646 --> 00:31:37.684 offered earlier as a confounder to.

NOTE Confidence: 0.8789049175

00:31:37.684 --> 00:31:38.731 So that's a lot.

NOTE Confidence: 0.8789049175

00:31:38.731 --> 00:31:39.816 I don't know if you have

NOTE Confidence: 0.8789049175

00:31:39.816 --> 00:31:40.728 any comments on that.

NOTE Confidence: 0.833449979090909

00:31:41.760 --> 00:31:43.450 Yeah. No, I appreciate the

NOTE Confidence: 0.833449979090909

00:31:43.450 --> 00:31:45.560 remarks and I think it both,

NOTE Confidence: 0.833449979090909

00:31:45.560 --> 00:31:52.550 it connects both to Phil's point about how.

NOTE Confidence: 0.833449979090909

00:31:52.550 --> 00:31:54.363 I guess the beliefs and attitudes that

NOTE Confidence: 0.833449979090909

00:31:54.363 --> 00:31:56.447 you have going in can affect the nature

NOTE Confidence: 0.833449979090909

00:31:56.447 --> 00:31:58.315 of the experience you have because it

NOTE Confidence: 0.833449979090909

00:31:58.315 --> 00:32:00.019 affects in some sense the interpretation

NOTE Confidence: 0.833449979090909

00:32:00.019 --> 00:32:02.003 of the perceptual changes, right,

NOTE Confidence: 0.833449979090909

00:32:02.003 --> 00:32:04.829 and your emotional response to them.

NOTE Confidence: 0.833449979090909

00:32:04.830 --> 00:32:07.078 But I also think it connects to these

NOTE Confidence: 0.833449979090909

00:32:07.078 --> 00:32:08.749 problems like problems with testimony

NOTE Confidence: 0.833449979090909

00:32:08.749 --> 00:32:10.843 that I'm that I'm concerned with.

NOTE Confidence: 0.833449979090909

00:32:10.850 --> 00:32:14.170 In other words, Umm, one of the ways,

NOTE Confidence: 0.833449979090909

00:32:14.170 --> 00:32:17.146 OK, so one of the ways I think that we,

NOTE Confidence: 0.833449979090909

00:32:17.146 --> 00:32:19.326 when we, we contemplate having

NOTE Confidence: 0.833449979090909

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00:32:19.326 --> 00:32:22.170 a new kind of experience.

NOTE Confidence: 0.833449979090909

00:32:22.170 --> 00:32:23.598 We often like we'll rely on testimony

NOTE Confidence: 0.833449979090909

00:32:23.598 --> 00:32:25.422 or trying to go and try to get

NOTE Confidence: 0.833449979090909

00:32:25.422 --> 00:32:26.354 anecdotal or maybe scientific

NOTE Confidence: 0.833449979090909

00:32:26.354 --> 00:32:27.486 testimony to try to decide whether

NOTE Confidence: 0.833449979090909

00:32:27.486 --> 00:32:29.302 or not we want to do something.

NOTE Confidence: 0.833449979090909

00:32:29.302 --> 00:32:31.682 And what's important sometimes in

NOTE Confidence: 0.833449979090909

00:32:31.682 --> 00:32:34.776 this case is that we understand which

NOTE Confidence: 0.833449979090909

00:32:34.776 --> 00:32:37.100 testimony applies to us, right?

NOTE Confidence: 0.833449979090909

00:32:37.100 --> 00:32:38.450 Because some people will say,

NOTE Confidence: 0.833449979090909

00:32:38.450 --> 00:32:39.380 well, I responded this way,

NOTE Confidence: 0.833449979090909

00:32:39.380 --> 00:32:40.260 other people will say they

NOTE Confidence: 0.833449979090909

00:32:40.260 --> 00:32:40.788 responded this way.

NOTE Confidence: 0.833449979090909

00:32:40.790 --> 00:32:42.188 And there's already the problem of

NOTE Confidence: 0.833449979090909

00:32:42.188 --> 00:32:43.872 being able to kind of understand

NOTE Confidence: 0.833449979090909

00:32:43.872 --> 00:32:44.928 what's being communicated,

NOTE Confidence: 0.833449979090909

00:32:44.930 --> 00:32:47.330 given that we're talking about experience

NOTE Confidence: 0.833449979090909

00:32:47.330 --> 00:32:49.510 and languages kind of famously

NOTE Confidence: 0.833449979090909

00:32:49.510 --> 00:32:51.250 poor at communicating experience,

NOTE Confidence: 0.833449979090909

00:32:51.250 --> 00:32:53.425 but on top of it.

NOTE Confidence: 0.833449979090909

00:32:53.430 --> 00:32:55.674 We're being asked to try to

NOTE Confidence: 0.833449979090909

00:32:55.674 --> 00:32:57.648 understand which like which person's

NOTE Confidence: 0.833449979090909

00:32:57.648 --> 00:32:59.688 testimony will apply to us.

NOTE Confidence: 0.833449979090909

00:32:59.690 --> 00:33:01.770 And often the way we do that is we simulate.

NOTE Confidence: 0.833449979090909

00:33:01.770 --> 00:33:02.790 We think, OK,

NOTE Confidence: 0.833449979090909

00:33:02.790 --> 00:33:03.130 well,

NOTE Confidence: 0.833449979090909

00:33:03.130 --> 00:33:06.130 this is the kind of person I am and so

NOTE Confidence: 0.833449979090909

00:33:06.130 --> 00:33:08.450 I'll respond in the following sort of way.

NOTE Confidence: 0.833449979090909

00:33:08.450 --> 00:33:10.767 But the problem is in this context,

NOTE Confidence: 0.833449979090909

00:33:10.770 --> 00:33:12.968 we don't have the capacity to simulate.

NOTE Confidence: 0.833449979090909

00:33:12.970 --> 00:33:14.776 So there's a distinctive version of what

NOTE Confidence: 0.833449979090909

00:33:14.776 --> 00:33:16.790 we call the reference class problem,

NOTE Confidence: 0.833449979090909

00:33:16.790 --> 00:33:20.198 like in terms of like how to locate

NOTE Confidence: 0.833449979090909

00:33:20.198 --> 00:33:22.110 yourself basically like in the subject pool,

NOTE Confidence: 0.833449979090909

00:33:22.110 --> 00:33:23.390 so that you know.

NOTE Confidence: 0.833449979090909

00:33:23.390 --> 00:33:23.710 Um,

NOTE Confidence: 0.833449979090909

00:33:23.710 --> 00:33:26.070 which kind of data applies to you and

NOTE Confidence: 0.833449979090909

00:33:26.070 --> 00:33:28.482 how you and how you can then use what

NOTE Confidence: 0.833449979090909

00:33:28.482 --> 00:33:29.938 we think is going to happen to you,

NOTE Confidence: 0.833449979090909

00:33:29.940 --> 00:33:31.249 or at least what we what happens

NOTE Confidence: 0.833449979090909

00:33:31.249 --> 00:33:32.399 to various members of populations?

NOTE Confidence: 0.833449979090909

00:33:32.400 --> 00:33:34.248 Now you can apply that that message

NOTE Confidence: 0.833449979090909

00:33:34.248 --> 00:33:34.776 to yourself.

NOTE Confidence: 0.776839667142857

00:33:37.260 --> 00:33:40.277 So yes. And I'm, I mean again,

NOTE Confidence: 0.776839667142857

00:33:40.280 --> 00:33:41.988 so my job is usually to raise

NOTE Confidence: 0.776839667142857

00:33:41.988 --> 00:33:43.350 questions rather than answer them.

NOTE Confidence: 0.776839667142857

00:33:43.350 --> 00:33:45.566 So I'm not going to, I'm not answering

NOTE Confidence: 0.776839667142857

00:33:45.566 --> 00:33:47.776 anyone's question aside from saying,

NOTE Confidence: 0.776839667142857

00:33:47.780 --> 00:33:49.328 yeah, so, so I agree that this is a

NOTE Confidence: 0.776839667142857

00:33:49.328 --> 00:33:50.779 problem and these are some of the ways,

NOTE Confidence: 0.776839667142857

00:33:50.780 --> 00:33:52.724 I think interesting ways in which

NOTE Confidence: 0.776839667142857

00:33:52.724 --> 00:33:55.070 it starts to come out. Makes sense?

NOTE Confidence: 0.8172822505

00:33:58.810 --> 00:34:00.850 There was another person,

NOTE Confidence: 0.8172822505

00:34:00.850 --> 00:34:04.819 Anahita also who who was going to ask

NOTE Confidence: 0.8172822505

00:34:04.819 --> 00:34:08.091 a question and and I just wasn't sure.

NOTE Confidence: 0.8172822505

00:34:08.100 --> 00:34:09.010 I don't want to call you out,

NOTE Confidence: 0.8172822505

00:34:09.010 --> 00:34:11.364 but I saw you. Yeah, I did.

NOTE Confidence: 0.8172822505

00:34:11.364 --> 00:34:14.100 But so because I already asked the question,

NOTE Confidence: 0.8172822505

00:34:14.100 --> 00:34:16.460 the comments I just wanted

NOTE Confidence: 0.8172822505

00:34:16.460 --> 00:34:18.280 but but I can ask it now.

NOTE Confidence: 0.8172822505

00:34:18.280 --> 00:34:21.360 So I was just wondering.

NOTE Confidence: 0.8172822505

00:34:21.360 --> 00:34:23.559 So I've seen.

NOTE Confidence: 0.8172822505

00:34:23.560 --> 00:34:25.560 Many people who had secondary

NOTE Confidence: 0.8172822505

00:34:25.560 --> 00:34:26.760 experience and they,

NOTE Confidence: 0.8172822505

00:34:26.760 --> 00:34:28.324 they call it transformative,

NOTE Confidence: 0.8172822505

00:34:28.324 --> 00:34:30.670 but also some other people who

NOTE Confidence: 0.8172822505

00:34:30.745 --> 00:34:32.935 had really very intense and also

NOTE Confidence: 0.8172822505

00:34:32.935 --> 00:34:34.995 different kind of like emotions

NOTE Confidence: 0.8172822505

00:34:34.995 --> 00:34:37.119 and perceptions and sensations,

NOTE Confidence: 0.8172822505

00:34:37.120 --> 00:34:39.577 all those kind of like psychotic effects,

NOTE Confidence: 0.8172822505

00:34:39.580 --> 00:34:41.645 but it was not really

NOTE Confidence: 0.8172822505

00:34:41.645 --> 00:34:42.884 transformative for them.

NOTE Confidence: 0.8172822505

00:34:42.890 --> 00:34:45.110 Like they didn't it didn't change

NOTE Confidence: 0.8172822505

00:34:45.110 --> 00:34:47.071 their world view or anything

NOTE Confidence: 0.8172822505

00:34:47.071 --> 00:34:49.106 kind of like really major.

NOTE Confidence: 0.8172822505

00:34:49.110 --> 00:34:50.550 So, so that's what?

NOTE Confidence: 0.8172822505

00:34:50.550 --> 00:34:54.109 So I was wondering if we can say this

NOTE Confidence: 0.8172822505

00:34:54.109 --> 00:34:57.034 transformation is kind of like we can

NOTE Confidence: 0.8172822505

00:34:57.034 --> 00:34:59.206 say it's an interaction between the

NOTE Confidence: 0.8172822505

00:34:59.206 --> 00:35:02.330 people who experience it and the psychedelic,

NOTE Confidence: 0.8172822505

00:35:02.330 --> 00:35:05.798 and not just a characteristic of

NOTE Confidence: 0.8172822505

00:35:05.798 --> 00:35:08.110 the psychedelic compound itself.

NOTE Confidence: 0.8172822505

00:35:08.110 --> 00:35:08.482 That's great.

NOTE Confidence: 0.8172822505

00:35:08.482 --> 00:35:11.400 And so again, here for me is again,

NOTE Confidence: 0.8172822505

00:35:11.400 --> 00:35:13.346 why I like to talk about epistemic

NOTE Confidence: 0.8172822505

00:35:13.346 --> 00:35:14.900 transformation and personal transformation.

NOTE Confidence: 0.8172822505

00:35:14.900 --> 00:35:17.294 The way that I define a transformative

NOTE Confidence: 0.8172822505

00:35:17.294 --> 00:35:19.318 experience in my work is to say,

NOTE Confidence: 0.8172822505

00:35:19.320 --> 00:35:21.090 well, when you have both the

NOTE Confidence: 0.8172822505

00:35:21.090 --> 00:35:23.140 epistemic side and the personal side.

NOTE Confidence: 0.8172822505

00:35:23.140 --> 00:35:23.844 And that kind of,

NOTE Confidence: 0.8172822505

00:35:23.844 --> 00:35:25.136 I think fits with at least the

NOTE Confidence: 0.8172822505

00:35:25.136 --> 00:35:26.452 kind of the kind of more ordinary

NOTE Confidence: 0.8172822505

00:35:26.452 --> 00:35:27.920 notion of transformative experience,

NOTE Confidence: 0.8172822505

00:35:27.920 --> 00:35:29.186 at least broadly.

NOTE Confidence: 0.8172822505

00:35:29.186 --> 00:35:31.718 But the notion of just epistemic

NOTE Confidence: 0.8172822505

00:35:31.718 --> 00:35:32.602 transformation is, again,

NOTE Confidence: 0.8172822505

00:35:32.602 --> 00:35:34.420 I think that's the key one in many ways,

NOTE Confidence: 0.8172822505

00:35:34.420 --> 00:35:35.910 I think for psychedelic experience.

NOTE Confidence: 0.8172822505

00:35:35.910 --> 00:35:38.346 So it's like short or sometimes.

NOTE Confidence: 0.8172822505

00:35:38.350 --> 00:35:38.626 People,

NOTE Confidence: 0.8172822505

00:35:38.626 --> 00:35:40.006 maybe there's ego dissolution or

NOTE Confidence: 0.8172822505

00:35:40.006 --> 00:35:41.320 whatever in some significant way.

NOTE Confidence: 0.8172822505

00:35:41.320 --> 00:35:42.000 And, you know, I mean,

NOTE Confidence: 0.8172822505

00:35:42.000 --> 00:35:43.790 so sometimes people really will

NOTE Confidence: 0.8172822505

00:35:43.790 --> 00:35:45.580 change something very basic about,

NOTE Confidence: 0.8172822505

00:35:45.580 --> 00:35:45.958 you know,

NOTE Confidence: 0.8172822505

00:35:45.958 --> 00:35:47.470 who they are as at least in the

NOTE Confidence: 0.8172822505

00:35:47.520 --> 00:35:48.858 way that I would define that.

NOTE Confidence: 0.8172822505

00:35:48.860 --> 00:35:50.680 But the really interesting thing

NOTE Confidence: 0.8172822505

00:35:50.680 --> 00:35:52.136 is the epistemic change.

NOTE Confidence: 0.8172822505

00:35:52.140 --> 00:35:53.643 And just to go back to some of the

NOTE Confidence: 0.8172822505

00:35:53.643 --> 00:35:54.957 things that we were saying before,

NOTE Confidence: 0.8172822505

00:35:54.960 --> 00:35:57.152 it's like when when you change the way

NOTE Confidence: 0.8172822505

00:35:57.152 --> 00:35:59.304 that you represent the world through

NOTE Confidence: 0.8172822505

00:35:59.304 --> 00:36:01.614 chemical means or through other means,

NOTE Confidence: 0.8172822505

00:36:01.620 --> 00:36:03.378 it's just through discovering some new,

NOTE Confidence: 0.8172822505

00:36:03.380 --> 00:36:04.230 you know,

NOTE Confidence: 0.8172822505

00:36:04.230 --> 00:36:07.230 like some entirely new sensory capacity,

NOTE Confidence: 0.8172822505

00:36:07.230 --> 00:36:08.970 let's say.

NOTE Confidence: 0.8172822505

00:36:08.970 --> 00:36:10.489 If there's a kind of revelation there,

NOTE Confidence: 0.8172822505

00:36:10.490 --> 00:36:11.438 even if it's,

NOTE Confidence: 0.8172822505

00:36:11.438 --> 00:36:12.386 one might say,

NOTE Confidence: 0.8172822505

00:36:12.390 --> 00:36:13.786 nearly an epistemic revelation.

NOTE Confidence: 0.8172822505

00:36:13.786 --> 00:36:15.880 And I think there it's just

NOTE Confidence: 0.8172822505

00:36:15.942 --> 00:36:18.138 kind of philosophically and

NOTE Confidence: 0.8172822505

00:36:18.138 --> 00:36:19.785 scientifically extremely interesting,

NOTE Confidence: 0.8172822505

00:36:19.790 --> 00:36:21.982 even if it doesn't have the kind of

NOTE Confidence: 0.8172822505

00:36:21.982 --> 00:36:23.870 downstream effects that many people in

NOTE Confidence: 0.8172822505

00:36:23.870 --> 00:36:26.030 the population might be interested in.

NOTE Confidence: 0.8172822505

00:36:26.030 --> 00:36:26.894 And obviously there are.

NOTE Confidence: 0.8172822505

00:36:26.894 --> 00:36:28.643 There's a question of like you want a

NOTE Confidence: 0.8172822505

00:36:28.643 --> 00:36:29.867 certain amount of epistemic change to

NOTE Confidence: 0.8172822505

00:36:29.867 --> 00:36:31.617 lead to the right kinds of like clinical,

NOTE Confidence: 0.8172822505

00:36:31.620 --> 00:36:33.725 like the right kinds of

NOTE Confidence: 0.8172822505

00:36:33.725 --> 00:36:35.409 like health based changes.

NOTE Confidence: 0.8172822505

00:36:35.410 --> 00:36:38.426 But it needn't revise one sense of self,

NOTE Confidence: 0.8172822505

00:36:38.430 --> 00:36:40.467 let's say I think in all contexts,

NOTE Confidence: 0.8172822505

00:36:40.470 --> 00:36:42.646 at least for me to count as at

NOTE Confidence: 0.8172822505

00:36:42.646 --> 00:36:43.812 least epistemic transformative

NOTE Confidence: 0.8172822505

00:36:43.812 --> 00:36:46.040 and therefore quite interesting.

NOTE Confidence: 0.8172822505

00:36:46.040 --> 00:36:47.918 No. Maybe I'll say one reason.

NOTE Confidence: 0.8172822505

00:36:47.920 --> 00:36:48.840 That's another reason why I

NOTE Confidence: 0.8172822505

00:36:48.840 --> 00:36:49.760 think that kind of philosophy

NOTE Confidence: 0.801944423571429

00:36:49.801 --> 00:36:51.954 is actually useful here, to make

NOTE Confidence: 0.801944423571429

00:36:51.954 --> 00:36:54.122 these distinctions when we're kind of

NOTE Confidence: 0.801944423571429

00:36:54.122 --> 00:36:55.584 framing the ways that we might want

NOTE Confidence: 0.801944423571429

00:36:55.584 --> 00:36:56.940 to kind of explore some questions.

NOTE Confidence: 0.86091777625

00:36:58.680 --> 00:37:01.416 So. So one of the things that really worries

NOTE Confidence: 0.86091777625

00:37:01.416 --> 00:37:04.261 me here is is called Collider bias, right?

NOTE Confidence: 0.86091777625

00:37:04.261 --> 00:37:07.068 So the types of people who volunteer

NOTE Confidence: 0.86091777625

00:37:07.068 --> 00:37:10.504 for our studies are the types of people

NOTE Confidence: 0.86091777625

00:37:10.504 --> 00:37:13.488 who already believe in and expect and

NOTE Confidence: 0.86091777625

00:37:13.488 --> 00:37:16.295 want and desire this sort of change.

NOTE Confidence: 0.86091777625

00:37:16.300 --> 00:37:19.282 And so we have colleagues around the

NOTE Confidence: 0.86091777625

00:37:19.282 --> 00:37:21.855 world now in this sort of booming

NOTE Confidence: 0.86091777625

00:37:21.855 --> 00:37:23.510 cottage industry of giving psychedelics

NOTE Confidence: 0.86091777625

00:37:23.565 --> 00:37:25.300 and looking for epistemic change,

NOTE Confidence: 0.86091777625

00:37:25.300 --> 00:37:27.282 who will make claims like, oh,

NOTE Confidence: 0.86091777625

00:37:27.282 --> 00:37:28.970 you know, our participants.

NOTE Confidence: 0.86091777625

00:37:28.970 --> 00:37:31.618 Now believe in panpsychism.

NOTE Confidence: 0.86091777625

00:37:31.620 --> 00:37:33.180 And, and if you actually,

NOTE Confidence: 0.86091777625

00:37:33.180 --> 00:37:34.890 you know, address previously what

NOTE Confidence: 0.86091777625

00:37:34.890 --> 00:37:36.258 they thought coming in,

NOTE Confidence: 0.86091777625

00:37:36.260 --> 00:37:38.865 they were already inclined towards

NOTE Confidence: 0.86091777625

00:37:38.865 --> 00:37:41.470 panpsychism and they just became

NOTE Confidence: 0.86091777625

00:37:41.549 --> 00:37:44.200 more entrenched in that view having

NOTE Confidence: 0.86091777625

00:37:44.200 --> 00:37:46.072 had the psychedelic experience.

NOTE Confidence: 0.86091777625

00:37:46.080 --> 00:37:47.637 And So what I've been trying to do is,

NOTE Confidence: 0.86091777625

00:37:47.640 --> 00:37:50.015 is find instances where experiences

NOTE Confidence: 0.86091777625

00:37:50.015 --> 00:37:52.390 with psychedelics were either non

NOTE Confidence: 0.86091777625

00:37:52.464 --> 00:37:54.696 consensual or LED someone to become

NOTE Confidence: 0.86091777625

00:37:54.696 --> 00:37:57.219 more right wing in their beliefs.

NOTE Confidence: 0.86091777625

00:37:57.220 --> 00:37:59.540 And the only instance I can find is,

NOTE Confidence: 0.86091777625

00:37:59.540 --> 00:38:01.092 is of both cases.

NOTE Confidence: 0.86091777625

00:38:01.092 --> 00:38:03.032 So it's actually with the

NOTE Confidence: 0.86091777625

00:38:03.032 --> 00:38:05.487 Elm Shinrikyo cult in Japan.

NOTE Confidence: 0.86091777625

00:38:05.490 --> 00:38:08.353 So they were being exposed to low

NOTE Confidence: 0.86091777625

00:38:08.353 --> 00:38:11.004 doses of psychedelics by their leader

NOTE Confidence: 0.86091777625

00:38:11.004 --> 00:38:13.686 and did not become more panpsychist

NOTE Confidence: 0.86091777625

00:38:13.686 --> 00:38:16.308 actually as a group became much more

NOTE Confidence: 0.86091777625

00:38:16.308 --> 00:38:18.964 right wing in their views to the

NOTE Confidence: 0.86091777625

00:38:18.964 --> 00:38:21.472 point where they decided to release

NOTE Confidence: 0.86091777625

00:38:21.472 --> 00:38:24.070 sarin gas on on the Tokyo subway.

NOTE Confidence: 0.86091777625

00:38:24.070 --> 00:38:27.290 And so I I guess I'm again kind of not

NOTE Confidence: 0.86091777625

00:38:27.382 --> 00:38:30.609 wanting to sound like a broken record,

NOTE Confidence: 0.86091777625

00:38:30.610 --> 00:38:32.140 but I think.

NOTE Confidence: 0.86091777625

00:38:32.140 --> 00:38:33.160 You know,

NOTE Confidence: 0.86091777625

00:38:33.160 --> 00:38:35.190 the people that are in our studies

NOTE Confidence: 0.86091777625

00:38:35.190 --> 00:38:36.853 currently really want this type of

NOTE Confidence: 0.86091777625

00:38:36.853 --> 00:38:38.972 change and so it's not clear to

NOTE Confidence: 0.86091777625

00:38:38.972 --> 00:38:42.460 me whether the compound itself is

NOTE Confidence: 0.86091777625

00:38:42.460 --> 00:38:46.035 necessarily facilitating change or the.

NOTE Confidence: 0.86091777625

00:38:46.040 --> 00:38:47.235 Experience that one has changed

NOTE Confidence: 0.86091777625

00:38:47.235 --> 00:38:48.970 in a manner that one desired to

NOTE Confidence: 0.86091777625

00:38:48.970 --> 00:38:50.185 change in the first place.

NOTE Confidence: 0.77156284

00:38:51.820 --> 00:38:53.640 If I can add Phil,

NOTE Confidence: 0.77156284

00:38:53.640 --> 00:38:56.818 it's not just the expectancy of the.

NOTE Confidence: 0.77156284

00:38:56.820 --> 00:38:58.686 The people who are really looking

NOTE Confidence: 0.77156284

00:38:58.686 --> 00:39:03.230 for this change, but also. Umm.

NOTE Confidence: 0.77156284

00:39:03.230 --> 00:39:05.820 The what the researchers bring to

NOTE Confidence: 0.77156284

00:39:05.820 --> 00:39:08.569 it and how they are framing this,

80

00:39:08.570 --> 00:39:11.248 it's really a powerful message that some

00:39:11.248 --> 00:39:14.110 of the researchers are giving to patients,

00:39:14.110 --> 00:39:15.916 and it feeds into their expectations

00:39:15.916 --> 00:39:18.723 in a way that may be actually just as

00:39:18.723 --> 00:39:20.869 important as the effects of the drug.

00:39:22.700 --> 00:39:26.818 Right. OK. So let me.

00:39:29.680 --> 00:39:30.896 I think there's a number of issues there.

00:39:30.900 --> 00:39:33.393 There are a number of moving parts here and

00:39:33.393 --> 00:39:36.195 so it's because I take the general like the,

00:39:36.200 --> 00:39:37.950 the point being that you know there's

00:39:37.950 --> 00:39:39.819 these ways of the problem is first

00:39:39.819 --> 00:39:41.760 you've got you can't identify the right,

00:39:41.760 --> 00:39:43.362 you haven't got the right population

00:39:43.362 --> 00:39:44.840 to do the experimental work on.

00:39:44.840 --> 00:39:47.500 And then also part of what both

00:39:47.500 --> 00:39:51.650 of you are saying is that. Umm.

NOTE Confidence: 0.6862983475

00:39:51.650 --> 00:39:52.998 Particular orientations obviously are

NOTE Confidence: 0.6862983475

00:39:52.998 --> 00:39:55.372 infecting people's response as well as the

NOTE Confidence: 0.6862983475

00:39:55.372 --> 00:39:58.900 population that you're starting with, right?

NOTE Confidence: 0.6862983475

00:39:58.900 --> 00:40:00.586 Again, I think it's really important

NOTE Confidence: 0.6862983475

00:40:00.586 --> 00:40:01.710 to distinguish between the

NOTE Confidence: 0.6862983475

00:40:01.757 --> 00:40:03.402 epistemic change involved and the

NOTE Confidence: 0.6862983475

00:40:03.402 --> 00:40:04.764 personal change involved, right.

NOTE Confidence: 0.6862983475

00:40:04.764 --> 00:40:07.382 Let's start with like just with the

NOTE Confidence: 0.6862983475

00:40:07.382 --> 00:40:09.346 epistemic change and within that and

NOTE Confidence: 0.6862983475

00:40:09.346 --> 00:40:11.569 just feel just to go back to like

NOTE Confidence: 0.6862983475

00:40:11.570 --> 00:40:13.550 perception versus cognition, right,

NOTE Confidence: 0.6862983475

00:40:13.550 --> 00:40:17.759 like you could think and the other person's.

NOTE Confidence: 0.6862983475

00:40:17.760 --> 00:40:19.678 Deepak, is that and you got you,

NOTE Confidence: 0.6862983475

00:40:19.680 --> 00:40:22.594 you could think. That, Umm,

NOTE Confidence: 0.6862983475

00:40:22.594 --> 00:40:25.793 there's a blend of perception and cognition,

00:40:25.800 --> 00:40:28.089 so there's never any kind of epistemic

00:40:28.089 --> 00:40:29.360 transformation doesn't involve both.

00:40:29.360 --> 00:40:31.738 But you don't have to think that, OK,

00:40:31.738 --> 00:40:33.886 you could think that perception is

00:40:33.886 --> 00:40:36.749 basically a prior in some sense to cognition,

00:40:36.750 --> 00:40:38.626 that things are encapsulated in some sense,

00:40:38.630 --> 00:40:39.706 the way that, say,

00:40:39.706 --> 00:40:41.320 branchal would think that they are.

00:40:41.320 --> 00:40:43.931 And yet you have the perceptual experience

00:40:43.931 --> 00:40:46.229 that causes an epistemic change,

00:40:46.230 --> 00:40:47.586 like a cognitive change,

00:40:47.586 --> 00:40:50.266 but not at the personal level yet, right?

00:40:50.266 --> 00:40:51.896 It's just that. When that.

00:40:51.900 --> 00:40:54.999 Cognitive changes is.

00:40:55.000 --> 00:40:59.515 Significant enough or if it's a change,

00:40:59.520 --> 00:41:03.378 if that kind of perceptual change.

NOTE Confidence: 0.6862983475

00:41:03.380 --> 00:41:04.862 Happens to somebody who's got the

NOTE Confidence: 0.6862983475

00:41:04.862 --> 00:41:06.200 right kind of cognitive stance,

NOTE Confidence: 0.6862983475

00:41:06.200 --> 00:41:07.772 maybe they're biased in the right

NOTE Confidence: 0.6862983475

00:41:07.772 --> 00:41:08.558 kinds of ways.

NOTE Confidence: 0.6862983475

00:41:08.560 --> 00:41:11.344 Then it's just more likely to kind of

NOTE Confidence: 0.6862983475

00:41:11.344 --> 00:41:13.448 cause personal change as well, right.

NOTE Confidence: 0.6862983475

00:41:13.448 --> 00:41:14.104 And so.

NOTE Confidence: 0.6862983475

00:41:14.104 --> 00:41:17.269 So I think part of what I'm saying is.

NOTE Confidence: 0.8245451725

00:41:19.360 --> 00:41:20.962 It's important to separate out the

NOTE Confidence: 0.8245451725

00:41:20.962 --> 00:41:22.730 epistemic side from the personal side.

NOTE Confidence: 0.8245451725

00:41:22.730 --> 00:41:24.458 And I think it's further like

NOTE Confidence: 0.8245451725

00:41:24.458 --> 00:41:25.610 this interesting question about

NOTE Confidence: 0.8245451725

00:41:25.667 --> 00:41:27.227 like perception versus cognition.

NOTE Confidence: 0.8245451725

00:41:27.230 --> 00:41:29.110 I think there's a way in which we

NOTE Confidence: 0.8245451725

00:41:29.110 --> 00:41:30.758 can understand the problem in each on

NOTE Confidence: 0.8245451725

00:41:30.758 --> 00:41:32.536 each side of things and that might

NOTE Confidence: 0.8245451725

00:41:32.536 --> 00:41:34.330 be relevant for different kinds of

NOTE Confidence: 0.8245451725

00:41:34.330 --> 00:41:35.294 different kinds of exploration.

NOTE Confidence: 0.8245451725

00:41:35.294 --> 00:41:36.236 It'd be great, for example,

NOTE Confidence: 0.8245451725

00:41:36.236 --> 00:41:38.127 like one way to look at some of the

NOTE Confidence: 0.8245451725

00:41:38.127 --> 00:41:39.669 change could involve just some of

NOTE Confidence: 0.8245451725

00:41:39.669 --> 00:41:41.403 the techniques that people use when

NOTE Confidence: 0.8245451725

00:41:41.403 --> 00:41:43.233 they're looking at perceptual change already,

NOTE Confidence: 0.8245451725

00:41:43.240 --> 00:41:44.011 like, you know,

NOTE Confidence: 0.8245451725

00:41:44.011 --> 00:41:45.296 eye tracking and people arbitrary

NOTE Confidence: 0.8245451725

00:41:45.296 --> 00:41:46.788 and various kinds of very low

NOTE Confidence: 0.8245451725

00:41:46.788 --> 00:41:47.716 level changes in subjects.

NOTE Confidence: 0.8245451725

00:41:47.720 --> 00:41:49.020 I mean, I know that.

NOTE Confidence: 0.8245451725

00:41:49.020 --> 00:41:50.796 It's very hard to kind of then translate

NOTE Confidence: 0.8245451725

00:41:50.796 --> 00:41:52.269 this into subjective experience.

NOTE Confidence: 0.8245451725

00:41:52.270 --> 00:41:54.534 But if we had correlations in other cases,

NOTE Confidence: 0.8245451725

00:41:54.540 --> 00:41:57.480 maybe we could isolate what was going

NOTE Confidence: 0.8245451725

00:41:57.480 --> 00:41:59.552 on like perceptually at the level

NOTE Confidence: 0.8245451725

00:41:59.552 --> 00:42:01.092 of kind of precognitive experience

NOTE Confidence: 0.8245451725

00:42:01.092 --> 00:42:02.832 to try to figure out the different

NOTE Confidence: 0.8245451725

00:42:02.832 --> 00:42:04.933 parts of of the puzzle so that people

NOTE Confidence: 0.8245451725

00:42:04.933 --> 00:42:06.631 didn't overclaim about like what the

NOTE Confidence: 0.8245451725

00:42:06.640 --> 00:42:08.080 psychedelic experience itself was

NOTE Confidence: 0.8245451725

00:42:08.080 --> 00:42:10.240 doing as opposed to prior beliefs

NOTE Confidence: 0.8245451725

00:42:10.297 --> 00:42:12.175 and attitudes and things like that.

NOTE Confidence: 0.8245451725

00:42:12.180 --> 00:42:14.348 Just kind of greasing the the causal wheels,

NOTE Confidence: 0.8245451725

00:42:14.350 --> 00:42:14.860 one might say.

NOTE Confidence: 0.826324177619047

00:42:16.420 --> 00:42:17.799 So one really nice example in that

NOTE Confidence: 0.826324177619047

00:42:17.799 --> 00:42:19.490 regard is I think this is a single

NOTE Confidence: 0.826324177619047

00:42:19.490 --> 00:42:20.760 case study of somebody who was,

NOTE Confidence: 0.826324177619047

00:42:20.760 --> 00:42:22.664 I think congenitally blind or at least

NOTE Confidence: 0.826324177619047

00:42:22.664 --> 00:42:24.889 early blind and given a psychedelic and

NOTE Confidence: 0.826324177619047

00:42:24.889 --> 00:42:26.917 like describing what their experiences are.

NOTE Confidence: 0.826324177619047

00:42:26.920 --> 00:42:29.038 And they're actually kind of fairly

NOTE Confidence: 0.826324177619047

00:42:29.038 --> 00:42:31.210 synesthetic and and super interesting.

NOTE Confidence: 0.826324177619047

00:42:31.210 --> 00:42:32.764 So you might imagine that that type,

NOTE Confidence: 0.826324177619047

00:42:32.770 --> 00:42:35.656 you know, say that that person

NOTE Confidence: 0.826324177619047

00:42:35.656 --> 00:42:37.580 was indeed congenitally blind.

NOTE Confidence: 0.826324177619047

00:42:37.580 --> 00:42:39.925 The nature of their psychedelic

NOTE Confidence: 0.826324177619047

00:42:39.925 --> 00:42:41.801 experience by definition doesn't

NOTE Confidence: 0.826324177619047

00:42:41.801 --> 00:42:44.584 have some of those kind of important

NOTE Confidence: 0.826324177619047

00:42:44.584 --> 00:42:46.371 features built into it, right?

NOTE Confidence: 0.826324177619047

00:42:46.371 --> 00:42:48.117 Um. And so that might circumvent

NOTE Confidence: 0.826324177619047

00:42:48.117 --> 00:42:49.620 some of the criticisms

NOTE Confidence: 0.65230425

00:42:50.110 --> 00:42:51.699 might it might be too to consider

NOTE Confidence: 0.65230425

00:42:51.699 --> 00:42:52.907 like the empirical work done

NOTE Confidence: 0.65230425

00:42:52.907 --> 00:42:54.211 on Molly knows problem, right?

00:42:54.211 --> 00:42:56.257 So I mean, because the question

00:42:56.257 --> 00:42:58.990 is so the blind person knows how?

00:42:58.990 --> 00:43:00.470 Like knows the geometric facts,

00:43:00.470 --> 00:43:01.926 like knows the shape of the Cuban,

00:43:01.930 --> 00:43:04.590 knows the shape of the sphere haptically,

00:43:04.590 --> 00:43:08.280 right? And then so presumably.

00:43:10.420 --> 00:43:11.720 When they gained vision,

00:43:11.720 --> 00:43:13.670 what they discover is like just

00:43:13.731 --> 00:43:15.296 a new mode of presentation.

00:43:15.300 --> 00:43:17.040 And it would be interesting if

00:43:17.040 --> 00:43:18.916 that's like what happens there when

00:43:18.916 --> 00:43:20.244 someone basically discovers the

00:43:20.244 --> 00:43:22.470 world under new mode of presentation.

00:43:22.470 --> 00:43:23.774 And if we saw the same kind of

00:43:23.774 --> 00:43:25.110 thing in psychedelic experience,

00:43:25.110 --> 00:43:26.676 like that's just like, you know,

00:43:26.680 --> 00:43:28.360 there's no kind of spiritual component.

00:43:28.360 --> 00:43:29.908 Usually in these cases it's like,

00:43:29.910 --> 00:43:30.954 you know, understanding mathematics.

00:43:30.954 --> 00:43:33.122 So I mean there's, I mean obviously

00:43:33.122 --> 00:43:34.618 people have emotional responses,

00:43:34.620 --> 00:43:36.925 but there might be interesting

00:43:36.925 --> 00:43:40.300 ways of of given that it's about,

00:43:40.300 --> 00:43:41.518 I would say sometimes it's about.

00:43:41.520 --> 00:43:42.675 Like motive mode?

00:43:42.675 --> 00:43:44.985 Like it's a distinctive mode of

00:43:44.985 --> 00:43:46.350 presentation switch, maybe that.

00:43:46.350 --> 00:43:47.070 Maybe, yeah, maybe.

00:43:47.070 --> 00:43:48.690 There's some interesting things to explore.

00:43:50.960 --> 00:43:52.864 It's interesting to me to think about

00:43:52.864 --> 00:43:54.663 the distinction you're making between an

NOTE Confidence: 0.82873657368421

00:43:54.663 --> 00:43:56.535 epistemic transformation and a personal one,

NOTE Confidence: 0.82873657368421

00:43:56.540 --> 00:43:57.550 and how that interacts with

NOTE Confidence: 0.82873657368421

00:43:57.550 --> 00:43:58.358 something that comes up.

NOTE Confidence: 0.82873657368421

00:43:58.360 --> 00:43:59.915 And we're thinking about these

NOTE Confidence: 0.82873657368421

00:43:59.915 --> 00:44:01.522 issues clinically, which which Cyril

NOTE Confidence: 0.82873657368421

00:44:01.522 --> 00:44:02.908 and others have have referred to,

NOTE Confidence: 0.82873657368421

00:44:02.910 --> 00:44:04.422 which is that what are people bringing

NOTE Confidence: 0.82873657368421

00:44:04.422 --> 00:44:06.274 to the table? What is this the,

NOTE Confidence: 0.82873657368421

00:44:06.274 --> 00:44:07.912 the preconceptions, the expectations,

NOTE Confidence: 0.82873657368421

00:44:07.912 --> 00:44:09.943 the subpopulation that's volunteering?

NOTE Confidence: 0.82873657368421

00:44:09.943 --> 00:44:12.358 And I wonder if it.

NOTE Confidence: 0.82873657368421

00:44:12.360 --> 00:44:13.320 So we think of, you know,

NOTE Confidence: 0.82873657368421

00:44:13.320 --> 00:44:15.060 what are the things that modulate

NOTE Confidence: 0.82873657368421

00:44:15.060 --> 00:44:16.220 the psychedelic experience and

NOTE Confidence: 0.82873657368421

00:44:16.270 --> 00:44:17.818 the long lasting effects or lack

90

00:44:17.818 --> 00:44:19.130 thereof in an individual case.

00:44:19.130 --> 00:44:21.140 Well, some of its pharmacology,

00:44:21.140 --> 00:44:22.382 you know what how much drug

00:44:22.382 --> 00:44:23.619 gets there and how does it,

00:44:23.620 --> 00:44:24.380 you know what brain,

00:44:24.380 --> 00:44:26.280 what kind of brain is it interacting with.

00:44:26.280 --> 00:44:28.120 And then some of it is perhaps the

00:44:28.120 --> 00:44:29.912 context in which the pharmacology is

00:44:29.912 --> 00:44:32.169 happening which is going to modulate the

00:44:32.169 --> 00:44:34.140 details of the experience as a different.

00:44:34.140 --> 00:44:35.896 The pharmacology affects the substrate,

00:44:35.896 --> 00:44:38.140 but then the sensory input interacts

00:44:38.193 --> 00:44:39.999 with it with an altered substrate

00:44:39.999 --> 00:44:41.684 to affect the experience and some

00:44:41.684 --> 00:44:43.175 of it is going to relate to.

00:44:43.180 --> 00:44:44.710 Preconceptions and pre-existing,

NOTE Confidence: 0.82873657368421

00:44:44.710 --> 00:44:45.730 you know,

NOTE Confidence: 0.82873657368421

00:44:45.730 --> 00:44:47.956 so basically I'm wondering what if

NOTE Confidence: 0.82873657368421

00:44:47.956 --> 00:44:50.275 the epistemic portion we can think

NOTE Confidence: 0.82873657368421

00:44:50.275 --> 00:44:52.579 about as being related directly to

NOTE Confidence: 0.82873657368421

00:44:52.579 --> 00:44:54.478 the pharmacology and the environs?

NOTE Confidence: 0.82873657368421

00:44:54.480 --> 00:44:57.495 And the transformative portion may

NOTE Confidence: 0.82873657368421

00:44:57.495 --> 00:45:00.225 require an interaction of a sufficiently

NOTE Confidence: 0.82873657368421

00:45:00.225 --> 00:45:02.192 profound or effective epistemic

NOTE Confidence: 0.82873657368421

00:45:02.192 --> 00:45:03.785 experience with preconceptions

NOTE Confidence: 0.82873657368421

00:45:03.785 --> 00:45:06.440 and setting and readiness for

NOTE Confidence: 0.82873657368421

00:45:06.440 --> 00:45:08.416 change and but so I'm just,

NOTE Confidence: 0.82873657368421

00:45:08.420 --> 00:45:09.876 I'm trying to think about how this,

NOTE Confidence: 0.82873657368421

00:45:09.880 --> 00:45:10.340 you know,

NOTE Confidence: 0.82873657368421

00:45:10.340 --> 00:45:12.060 this conceptual dissection that

NOTE Confidence: 0.82873657368421

00:45:12.060 --> 00:45:14.275 you've that you've shared interacts

00:45:14.275 --> 00:45:16.045 with some of those questions which

00:45:16.045 --> 00:45:17.249 ultimately are clinically extremely

00:45:17.249 --> 00:45:18.820 important when we think about who

00:45:18.820 --> 00:45:21.468 does this help and why and who might

00:45:21.468 --> 00:45:24.730 it actually be harmful for and why.

00:45:24.730 --> 00:45:26.290 So I guess there isn't a question there.

00:45:26.290 --> 00:45:28.374 I'm just trying to to to wrestle

00:45:28.374 --> 00:45:30.298 with the interaction of these

00:45:30.298 --> 00:45:31.564 two conceptual frameworks.

00:45:31.570 --> 00:45:31.860 So

00:45:31.870 --> 00:45:33.280 one thought experiment would be

00:45:33.280 --> 00:45:34.690 to give the psychedelic while

00:45:34.743 --> 00:45:36.268 someone is under anesthesia, right?

00:45:36.268 --> 00:45:37.636 So then you don't have to

00:45:37.636 --> 00:45:38.870 have the profound experience,

00:45:38.870 --> 00:45:41.698 but you might still show the transformation.

NOTE Confidence: 0.828935638571428

00:45:41.700 --> 00:45:43.280 And those two things

NOTE Confidence: 0.73296935

00:45:43.420 --> 00:45:44.888 isolate the pharmacology from

NOTE Confidence: 0.73296935

00:45:44.888 --> 00:45:46.826 even the experiential, let alone

NOTE Confidence: 0.73296935

00:45:46.826 --> 00:45:48.498 the cognitive self conception.

NOTE Confidence: 0.762156094

00:45:51.410 --> 00:45:53.682 Wait, wait. We talked about last

NOTE Confidence: 0.762156094

00:45:53.682 --> 00:45:55.586 week in our lab meeting we talked

NOTE Confidence: 0.762156094

00:45:55.586 --> 00:45:57.575 about would it be possible to?

NOTE Confidence: 0.762156094

00:45:57.575 --> 00:45:59.700 Give it to them just before

NOTE Confidence: 0.762156094

00:45:59.700 --> 00:46:01.200 they fall off to sleep.

NOTE Confidence: 0.762156094

00:46:01.200 --> 00:46:03.188 Because the anesthesia might

NOTE Confidence: 0.762156094

00:46:03.188 --> 00:46:05.533 introduce another set of factors,

NOTE Confidence: 0.762156094

00:46:05.533 --> 00:46:08.004 but I wonder whether people will have

NOTE Confidence: 0.762156094

00:46:08.004 --> 00:46:10.449 the same transformative experience.

NOTE Confidence: 0.762156094

00:46:10.450 --> 00:46:12.605 If they have the pharmacological

NOTE Confidence: 0.762156094

00:46:12.605 --> 00:46:14.329 effects while they're asleep,

NOTE Confidence: 0.762156094

00:46:14.330 --> 00:46:16.500 but then someone said that perhaps the

NOTE Confidence: 0.762156094

00:46:16.500 --> 00:46:18.662 effects would be so powerful that it

NOTE Confidence: 0.762156094

00:46:18.662 --> 00:46:20.820 would wake someone up from their sleep.

NOTE Confidence: 0.791399675714286

00:46:20.960 --> 00:46:22.280 Well, they might have such vivid

NOTE Confidence: 0.791399675714286

00:46:22.280 --> 00:46:23.536 dreams that their dreams themselves

NOTE Confidence: 0.791399675714286

00:46:23.536 --> 00:46:24.840 would be transformative. Very.

NOTE Confidence: 0.800354604444444

00:46:26.420 --> 00:46:29.108 So I I actually want to also

NOTE Confidence: 0.800354604444444

00:46:29.108 --> 00:46:30.988 separate out from what you said,

NOTE Confidence: 0.800354604444444

00:46:30.988 --> 00:46:33.140 I think Phil was indicating this as well.

NOTE Confidence: 0.800354604444444

00:46:33.140 --> 00:46:34.875 There's the pharmacology and then

NOTE Confidence: 0.800354604444444

00:46:34.875 --> 00:46:37.416 there's the what happens at the level

NOTE Confidence: 0.800354604444444

00:46:37.416 --> 00:46:39.320 of like conscious experience, right.

NOTE Confidence: 0.800354604444444

00:46:39.320 --> 00:46:42.680 And so and then so there's the pharmacology,

NOTE Confidence: 0.800354604444444

00:46:42.680 --> 00:46:45.606 the experiential, the character of the of

NOTE Confidence: 0.800354604444444

00:46:45.606 --> 00:46:47.719 the experiential character of something.

NOTE Confidence: 0.800354604444444

00:46:47.720 --> 00:46:50.177 And then there's the effect of that

NOTE Confidence: 0.800354604444444

00:46:50.177 --> 00:46:52.267 experiential character like on let's say

NOTE Confidence: 0.800354604444444

00:46:52.267 --> 00:46:54.211 the person's dispositions or whatever else

NOTE Confidence: 0.800354604444444

00:46:54.211 --> 00:46:58.240 it was that we want, we want to say. Umm.

NOTE Confidence: 0.800354604444444

00:46:58.240 --> 00:47:00.070 And so I think it would be useful to try

NOTE Confidence: 0.800354604444444

00:47:00.120 --> 00:47:01.996 to distinguish all three of those things.

NOTE Confidence: 0.800354604444444

00:47:02.000 --> 00:47:03.640 The anesthesia would presumably,

NOTE Confidence: 0.800354604444444

00:47:03.640 --> 00:47:05.280 although there were these,

NOTE Confidence: 0.800354604444444

00:47:05.280 --> 00:47:08.358 the problems that Cyril was raising.

NOTE Confidence: 0.800354604444444

00:47:08.360 --> 00:47:11.482 My boss to identify the the the

NOTE Confidence: 0.800354604444444

00:47:11.482 --> 00:47:12.820 pharmacological effects but.

NOTE Confidence: 0.800354604444444

00:47:12.820 --> 00:47:14.908 It would be.

NOTE Confidence: 0.800354604444444

00:47:14.910 --> 00:47:16.850 Great to try to identify. Look,

NOTE Confidence: 0.800354604444444

00:47:16.850 --> 00:47:20.690 what is the nature of this epistemic change?

NOTE Confidence: 0.800354604444444

00:47:20.690 --> 00:47:22.010 I would call it transformation.

NOTE Confidence: 0.800354604444444

00:47:22.010 --> 00:47:23.466 You don't have to call it transformation.

NOTE Confidence: 0.800354604444444

00:47:23.470 --> 00:47:25.269 I would call it an epistemic revelation.

NOTE Confidence: 0.800354604444444

00:47:25.270 --> 00:47:26.509 You don't have to call it that.

NOTE Confidence: 0.800354604444444

00:47:26.510 --> 00:47:27.078 But yet.

NOTE Confidence: 0.800354604444444

00:47:27.078 --> 00:47:27.646 I mean,

NOTE Confidence: 0.800354604444444

00:47:27.646 --> 00:47:29.749 think of the parallel between someone who's

NOTE Confidence: 0.800354604444444

00:47:29.749 --> 00:47:32.445 blind and then gained sight or somebody who's

NOTE Confidence: 0.800354604444444

00:47:32.445 --> 00:47:34.527 congenitally deaf and gets cochlear implants,

NOTE Confidence: 0.800354604444444

00:47:34.530 --> 00:47:34.924 right?

NOTE Confidence: 0.800354604444444

00:47:34.924 --> 00:47:37.288 There's a similar kind of like

NOTE Confidence: 0.800354604444444

00:47:37.288 --> 00:47:39.170 revelation in conceptual expansion.

NOTE Confidence: 0.800354604444444

00:47:39.170 --> 00:47:41.138 And it does change like it has a

NOTE Confidence: 0.800354604444444

00:47:41.138 --> 00:47:42.569 downstream change on how someone

NOTE Confidence: 0.800354604444444

00:47:42.569 --> 00:47:44.044 experiences and lives their life.

NOTE Confidence: 0.889220675

00:47:47.540 --> 00:47:53.998 And so. Um, if I mean and I'm I mean.

NOTE Confidence: 0.889220675

00:47:54.000 --> 00:47:55.850 If that. Some of those

NOTE Confidence: 0.889220675

00:47:55.850 --> 00:47:57.330 changes can be identified,

NOTE Confidence: 0.889220675

00:47:57.330 --> 00:47:58.230 and I think there is work.

NOTE Confidence: 0.889220675

00:47:58.230 --> 00:48:00.827 There's actually quite a bit of good

NOTE Confidence: 0.889220675

00:48:00.827 --> 00:48:03.030 work on particular blind subjects.

NOTE Confidence: 0.889220675

00:48:03.030 --> 00:48:04.416 Seems to me that there the

NOTE Confidence: 0.889220675

00:48:04.416 --> 00:48:05.650 parallels could be explored there.

NOTE Confidence: 0.6233806

00:48:08.850 --> 00:48:11.470 So really interested in

NOTE Confidence: 0.6233806

00:48:11.470 --> 00:48:14.170 this use of Molinos problem,

NOTE Confidence: 0.851404005625

00:48:14.170 --> 00:48:15.706 which it sounds like is is pretty important

NOTE Confidence: 0.851404005625

00:48:15.706 --> 00:48:17.508 in the way that you're thinking about this.

NOTE Confidence: 0.851404005625

00:48:17.510 --> 00:48:20.744 So I guess is the idea that.

NOTE Confidence: 0.851404005625

00:48:20.750 --> 00:48:23.210 The the person who's taking

NOTE Confidence: 0.851404005625

00:48:23.210 --> 00:48:25.178 psychedelics and experiences revelatory

NOTE Confidence: 0.851404005625

00:48:25.178 --> 00:48:27.090 experience or feeling of epiphany,

NOTE Confidence: 0.851404005625

00:48:27.090 --> 00:48:29.854 whatever the specific content of it is and

NOTE Confidence: 0.851404005625

00:48:29.854 --> 00:48:32.350 whether it actually maps on to, you know,

98

NOTE Confidence: 0.851404005625

00:48:32.350 --> 00:48:34.690 some specific fundamental truths or not,

NOTE Confidence: 0.851404005625

00:48:34.690 --> 00:48:37.674 they have experienced like the like the blind

NOTE Confidence: 0.851404005625

00:48:37.674 --> 00:48:39.857 person experiencing the spheres by touching.

NOTE Confidence: 0.851404005625

00:48:39.860 --> 00:48:41.292 They've experienced the this,

NOTE Confidence: 0.851404005625

00:48:41.292 --> 00:48:43.440 this experience and then they're going

NOTE Confidence: 0.851404005625

00:48:43.495 --> 00:48:45.599 to go out into the world afterwards and

NOTE Confidence: 0.851404005625

00:48:45.599 --> 00:48:47.708 six months or a year later when they go,

NOTE Confidence: 0.851404005625

00:48:47.710 --> 00:48:50.726 you know, eat a delicious meal or climate.

NOTE Confidence: 0.851404005625

00:48:50.730 --> 00:48:52.485 Contain or do something interesting

NOTE Confidence: 0.851404005625

00:48:52.485 --> 00:48:54.620 in their sort of intellectual lives.

NOTE Confidence: 0.851404005625

00:48:54.620 --> 00:48:55.990 They're gonna have that experience

NOTE Confidence: 0.851404005625

00:48:55.990 --> 00:48:57.732 again and they're going to interact

NOTE Confidence: 0.851404005625

00:48:57.732 --> 00:48:58.707 with it differently,

NOTE Confidence: 0.851404005625

00:48:58.710 --> 00:49:00.096 which is then kind of proof that

NOTE Confidence: 0.851404005625

00:49:00.096 --> 00:49:01.860 they've had a transformative experience.

NOTE Confidence: 0.843824592857143

00:49:08.100 --> 00:49:08.944 Wait, so you're saying,

NOTE Confidence: 0.843824592857143

00:49:08.944 --> 00:49:11.079 I think I lost the thread there for a second.

NOTE Confidence: 0.843824592857143

00:49:11.080 --> 00:49:12.988 So you were saying like if

NOTE Confidence: 0.843824592857143

00:49:12.988 --> 00:49:14.620 someone does something like this,

NOTE Confidence: 0.843824592857143

00:49:14.620 --> 00:49:16.428 like under the influence of something or if

NOTE Confidence: 0.843824592857143

00:49:16.428 --> 00:49:17.996 they're blind or whatever in other words,

NOTE Confidence: 0.843824592857143

00:49:18.000 --> 00:49:19.590 and then they have the experience

NOTE Confidence: 0.843824592857143

00:49:19.590 --> 00:49:21.016 under different mode of presentation

NOTE Confidence: 0.843824592857143

00:49:21.016 --> 00:49:23.220 that will can, you can, yeah.

NOTE Confidence: 0.730373173181818

00:49:23.230 --> 00:49:25.018 So I guess basically I guess

NOTE Confidence: 0.730373173181818

00:49:25.018 --> 00:49:26.380 the question distills down to

NOTE Confidence: 0.730373173181818

00:49:26.380 --> 00:49:30.180 in this monos problem example.

NOTE Confidence: 0.730373173181818

00:49:30.180 --> 00:49:32.140 Can we map it on in the following

NOTE Confidence: 0.730373173181818

00:49:32.140 --> 00:49:34.417 way that the person who is taking

NOTE Confidence: 0.730373173181818

00:49:34.417 --> 00:49:35.793 psychedelics the first time?

NOTE Confidence: 0.730373173181818

00:49:35.800 --> 00:49:37.530 They them having that revelatory

NOTE Confidence: 0.730373173181818

00:49:37.530 --> 00:49:39.602 experience is similar to cut a

NOTE Confidence: 0.730373173181818

00:49:39.602 --> 00:49:41.270 blind person touching the the the

NOTE Confidence: 0.730373173181818

00:49:41.270 --> 00:49:43.358 spheres or or or cubes or whatever,

NOTE Confidence: 0.730373173181818

00:49:43.360 --> 00:49:45.439 and then they're going to go back

NOTE Confidence: 0.730373173181818

00:49:45.439 --> 00:49:47.596 into their life and their they're

NOTE Confidence: 0.730373173181818

00:49:47.596 --> 00:49:49.596 now transformed because they have

NOTE Confidence: 0.730373173181818

00:49:49.596 --> 00:49:51.863 this knowledge of what it feels

NOTE Confidence: 0.730373173181818

00:49:51.863 --> 00:49:53.613 like to have revelatory experience.

NOTE Confidence: 0.730373173181818

00:49:53.620 --> 00:49:55.602 And that is really the what,

NOTE Confidence: 0.730373173181818

00:49:55.602 --> 00:49:57.716 regardless of the content of the experience.

NOTE Confidence: 0.730373173181818

00:49:57.720 --> 00:49:58.390 The key

NOTE Confidence: 0.68719335375

00:49:58.960 --> 00:50:01.736 OK, so OK, so with the Molino case,

NOTE Confidence: 0.68719335375

00:50:01.740 --> 00:50:04.740 the idea was to say look.

NOTE Confidence: 0.68719335375

00:50:04.740 --> 00:50:08.478 Let's say somebody isn't like it.

NOTE Confidence: 0.68719335375

00:50:08.480 --> 00:50:10.004 What's useful about that case is

NOTE Confidence: 0.68719335375

00:50:10.004 --> 00:50:11.489 it isolates the importance of it

NOTE Confidence: 0.68719335375

00:50:11.489 --> 00:50:12.849 of the mode of presentation, right?

NOTE Confidence: 0.68719335375

00:50:12.849 --> 00:50:13.776 So it's clear,

NOTE Confidence: 0.68719335375

00:50:13.776 --> 00:50:16.340 or at least what was maybe not clear,

NOTE Confidence: 0.68719335375

00:50:16.340 --> 00:50:18.560 but I think many people would

NOTE Confidence: 0.68719335375

00:50:18.560 --> 00:50:20.040 want to say that.

NOTE Confidence: 0.68719335375

00:50:20.040 --> 00:50:22.350 You know, the blind person has

NOTE Confidence: 0.68719335375

00:50:22.350 --> 00:50:24.574 the geometric knowledge about the

NOTE Confidence: 0.68719335375

00:50:24.574 --> 00:50:27.343 shapes and then but still learn

NOTE Confidence: 0.68719335375

00:50:27.343 --> 00:50:29.689 something new or Marina Bedney does.

NOTE Confidence: 0.68719335375

00:50:29.690 --> 00:50:31.832 Johns Hopkins has done a lot of

NOTE Confidence: 0.68719335375

00:50:31.832 --> 00:50:33.564 interesting work on blind subjects

NOTE Confidence: 0.68719335375

00:50:33.564 --> 00:50:35.802 and argues that they have vision

NOTE Confidence: 0.68719335375

00:50:35.802 --> 00:50:37.666 based concepts like they they use

NOTE Confidence: 0.68719335375

00:50:37.666 --> 00:50:39.214 the concept of like it's dazzling

NOTE Confidence: 0.68719335375

00:50:39.214 --> 00:50:41.070 outside or the sun is dazzling outside

00:50:41.070 --> 00:50:42.800 or something like that or Oh yeah,

00:50:42.800 --> 00:50:44.088 the umbrella is like behind the door

00:50:44.088 --> 00:50:45.420 over there or something like that,

00:50:45.420 --> 00:50:46.825 even though they're congenitally blind

00:50:46.825 --> 00:50:48.596 and so they're kind of functionally

00:50:48.596 --> 00:50:50.773 sophisticated in the right sorts of ways.

00:50:50.780 --> 00:50:52.360 And in an important sense,

00:50:52.360 --> 00:50:53.920 have the content of those concepts.

00:50:53.920 --> 00:50:55.580 And yet they're blind.

00:50:55.580 --> 00:50:57.780 And so when they if they,

00:50:57.780 --> 00:50:58.860 if they gain vision,

00:50:58.860 --> 00:51:00.745 there's still something that would

00:51:00.745 --> 00:51:03.120 change about what they know.

00:51:03.120 --> 00:51:05.280 And in these cases,

00:51:05.280 --> 00:51:07.535 it seems like something changes

00:51:07.535 --> 00:51:10.474 in virtue of the world being

NOTE Confidence: 0.68719335375

00:51:10.474 --> 00:51:12.878 presented to them differently.

NOTE Confidence: 0.68719335375

00:51:12.880 --> 00:51:13.903 In such cases,

NOTE Confidence: 0.68719335375

00:51:13.903 --> 00:51:16.290 it's about gaining a new sense capacity.

NOTE Confidence: 0.68719335375

00:51:16.290 --> 00:51:18.600 But I think there's an analogy between

NOTE Confidence: 0.68719335375

00:51:18.600 --> 00:51:21.315 getting a new sense capacity and then

NOTE Confidence: 0.68719335375

00:51:21.315 --> 00:51:23.380 the change in sensory representation

NOTE Confidence: 0.68719335375

00:51:23.380 --> 00:51:25.680 that comes with psychedelic experience.

NOTE Confidence: 0.68719335375

00:51:25.680 --> 00:51:29.220 So if that analogy holds right,

NOTE Confidence: 0.68719335375

00:51:29.220 --> 00:51:30.820 the thought would be,

NOTE Confidence: 0.68719335375

00:51:30.820 --> 00:51:31.220 well,

NOTE Confidence: 0.68719335375

00:51:31.220 --> 00:51:33.056 we can demonstrate in the Molino.

NOTE Confidence: 0.68719335375

00:51:33.060 --> 00:51:34.944 Place at least.

NOTE Confidence: 0.68719335375

00:51:34.944 --> 00:51:38.084 Reasonably well that something is

NOTE Confidence: 0.68719335375

00:51:38.084 --> 00:51:40.790 learned because Pawan Sinha at MIT

NOTE Confidence: 0.68719335375

00:51:40.790 --> 00:51:43.306 has done all these experiments on

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00:51:43.306 --> 00:51:45.526 people with cataracts in India who

00:51:45.526 --> 00:51:48.372 were who grew up blind and then

00:51:48.372 --> 00:51:50.028 throughout the simple operation

00:51:50.028 --> 00:51:52.216 is able to give them sight.

00:51:52.216 --> 00:51:54.855 And he used some of of of of

00:51:54.855 --> 00:51:56.985 the people who had had these

00:51:56.985 --> 00:51:59.486 operation they they agreed to join

00:51:59.486 --> 00:52:02.220 experiments testing Molinos.

00:52:02.220 --> 00:52:02.732 Puzzle.

00:52:02.732 --> 00:52:05.904 And it turns out that it takes newly

00:52:05.904 --> 00:52:07.957 sighted people some time to learn the

00:52:07.957 --> 00:52:10.134 difference between the cube and the sphere.

00:52:10.140 --> 00:52:11.652 And so the argument is actually

00:52:11.652 --> 00:52:12.660 they do learn something.

00:52:12.660 --> 00:52:14.204 There's some difference there.

00:52:14.204 --> 00:52:15.440 Lots of, you know,

NOTE Confidence: 0.68719335375

00:52:15.440 --> 00:52:16.820 questions you can raise about that.

NOTE Confidence: 0.68719335375

00:52:16.820 --> 00:52:18.038 But if all of that holds,

NOTE Confidence: 0.68719335375

00:52:18.040 --> 00:52:19.890 then we've got arguably like

NOTE Confidence: 0.68719335375

00:52:19.890 --> 00:52:21.740 proof that mode of presentation,

NOTE Confidence: 0.68719335375

00:52:21.740 --> 00:52:23.320 sensory mode of presentation like,

NOTE Confidence: 0.68719335375

00:52:23.320 --> 00:52:24.574 makes a difference.

NOTE Confidence: 0.68719335375

00:52:24.574 --> 00:52:27.082 If shifting the nature of the

NOTE Confidence: 0.68719335375

00:52:27.082 --> 00:52:29.213 sensory mode of presentation it

NOTE Confidence: 0.68719335375

00:52:29.213 --> 00:52:31.020 happens in with psychedelics then.

NOTE Confidence: 0.68719335375

00:52:31.020 --> 00:52:31.600 By analogy,

NOTE Confidence: 0.68719335375

00:52:31.600 --> 00:52:33.708 maybe we can find some kind of

NOTE Confidence: 0.68719335375

00:52:33.708 --> 00:52:35.258 proof that there's an epistemic

NOTE Confidence: 0.68719335375

00:52:35.258 --> 00:52:36.498 impact that's separate from

NOTE Confidence: 0.68719335375

00:52:36.557 --> 00:52:37.808 these testimonials about,

NOTE Confidence: 0.68719335375

00:52:37.810 --> 00:52:39.118 like how it changes someone's life,

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NOTE Confidence: 0.68719335375

00:52:39.120 --> 00:52:40.158 or something like.

NOTE Confidence: 0.68719335375

00:52:40.158 --> 00:52:41.196 That's the thought.

NOTE Confidence: 0.6847498

00:52:45.210 --> 00:52:46.374 There's a question in the

NOTE Confidence: 0.6847498

00:52:46.374 --> 00:52:47.670 chat that I want to read

NOTE Confidence: 0.773455675714286

00:52:47.731 --> 00:52:48.967 out from Jordan Slusher.

NOTE Confidence: 0.773455675714286

00:52:48.970 --> 00:52:50.830 There's much debate about whether

NOTE Confidence: 0.773455675714286

00:52:50.830 --> 00:52:51.946 psychedelic researchers and

NOTE Confidence: 0.773455675714286

00:52:51.946 --> 00:52:53.600 therapists ought to have personal

NOTE Confidence: 0.773455675714286

00:52:53.600 --> 00:52:55.316 experience with the drugs they study.

NOTE Confidence: 0.773455675714286

00:52:55.320 --> 00:52:57.410 Regarding the issues of consent specifically,

NOTE Confidence: 0.773455675714286

00:52:57.410 --> 00:52:59.328 we often focus on whether the participants

NOTE Confidence: 0.773455675714286

00:52:59.328 --> 00:53:00.979 can actually consent to the experience,

NOTE Confidence: 0.773455675714286

00:53:00.980 --> 00:53:02.088 given that they've never

NOTE Confidence: 0.773455675714286

00:53:02.088 --> 00:53:03.196 gone through this wormhole.

NOTE Confidence: 0.773455675714286

00:53:03.200 --> 00:53:04.496 What are your thoughts on how

NOTE Confidence: 0.773455675714286

00:53:04.496 --> 00:53:05.840 how was the personal experience

NOTE Confidence: 0.773455675714286

00:53:05.840 --> 00:53:07.542 among the researchers affects the

NOTE Confidence: 0.773455675714286

00:53:07.542 --> 00:53:08.747 ability to more effectively consent

NOTE Confidence: 0.773455675714286

00:53:08.747 --> 00:53:10.349 someone to go through the wormhole?

NOTE Confidence: 0.6479877625

00:53:10.900 --> 00:53:13.240 Good question. OK, so.

NOTE Confidence: 0.845322301818182

00:53:15.480 --> 00:53:16.032 There's a lot of,

NOTE Confidence: 0.845322301818182

00:53:16.032 --> 00:53:17.060 there are a lot of issues here,

NOTE Confidence: 0.845322301818182

00:53:17.060 --> 00:53:20.154 but I mean and one of them which we haven't,

NOTE Confidence: 0.845322301818182

00:53:20.160 --> 00:53:21.124 which we haven't discussed,

NOTE Confidence: 0.845322301818182

00:53:21.124 --> 00:53:23.146 I didn't really go into it was even

NOTE Confidence: 0.845322301818182

00:53:23.146 --> 00:53:24.987 about the endogenous nature of the change

NOTE Confidence: 0.845322301818182

00:53:24.987 --> 00:53:26.508 involved and how consent can happen.

NOTE Confidence: 0.845322301818182

00:53:26.510 --> 00:53:29.579 But let me set that aside for the moment.

NOTE Confidence: 0.845322301818182

00:53:29.580 --> 00:53:31.278 Right. So the first issue is,

NOTE Confidence: 0.845322301818182

00:53:31.280 --> 00:53:33.170 if the nature of the experience

NOTE Confidence: 0.845322301818182

00:53:33.170 --> 00:53:34.820 can't be communicated to the

NOTE Confidence: 0.845322301818182

00:53:34.820 --> 00:53:36.794 individual who's about to undergo it,

NOTE Confidence: 0.845322301818182

00:53:36.800 --> 00:53:39.275 how can they then knowledgeably

NOTE Confidence: 0.845322301818182

00:53:39.275 --> 00:53:41.255 consent to undergo it?

NOTE Confidence: 0.845322301818182

00:53:41.260 --> 00:53:42.958 But that's assuming at least that

NOTE Confidence: 0.845322301818182

00:53:42.958 --> 00:53:44.688 they have testimony from a trusted

NOTE Confidence: 0.845322301818182

00:53:44.688 --> 00:53:46.048 expert who knows who's under,

NOTE Confidence: 0.845322301818182

00:53:46.050 --> 00:53:47.240 like in some sense, where we think,

NOTE Confidence: 0.845322301818182

00:53:47.240 --> 00:53:48.806 well, at least that person knows

NOTE Confidence: 0.845322301818182

00:53:48.806 --> 00:53:50.140 what the experience is like.

NOTE Confidence: 0.845322301818182

00:53:50.140 --> 00:53:52.000 But in this kind of context,

NOTE Confidence: 0.845322301818182

00:53:52.000 --> 00:53:53.554 I guess is like the old things,

NOTE Confidence: 0.845322301818182

00:53:53.560 --> 00:53:54.884 like the blind leading the blind, right?

NOTE Confidence: 0.845322301818182

00:53:54.884 --> 00:53:55.826 Like it's like,

NOTE Confidence: 0.845322301818182

00:53:55.826 --> 00:53:57.710 it's like this person if the

NOTE Confidence: 0.845322301818182

00:53:57.779 --> 00:53:59.630 experimenter hasn't undergone.

NOTE Confidence: 0.845322301818182

00:53:59.630 --> 00:54:01.070 Um, the experience, then.

NOTE Confidence: 0.845322301818182

00:54:01.070 --> 00:54:03.641 They might not be knowledgeable in a

NOTE Confidence: 0.845322301818182

00:54:03.641 --> 00:54:05.747 test in the relevant testimonial sense.

NOTE Confidence: 0.845322301818182

00:54:05.750 --> 00:54:06.758 On the other hand,

NOTE Confidence: 0.845322301818182

00:54:06.758 --> 00:54:08.687 the issue I raised when I first

NOTE Confidence: 0.845322301818182

00:54:08.687 --> 00:54:10.107 started talking comes up,

NOTE Confidence: 0.845322301818182

00:54:10.110 --> 00:54:11.865 namely if there's something about

NOTE Confidence: 0.845322301818182

00:54:11.865 --> 00:54:13.269 transformative experiences like this,

NOTE Confidence: 0.845322301818182

00:54:13.270 --> 00:54:15.230 like psychedelic experiences like this,

NOTE Confidence: 0.845322301818182

00:54:15.230 --> 00:54:17.330 that kind of reform your preferences.

NOTE Confidence: 0.845322301818182

00:54:17.330 --> 00:54:19.306 And my favorite analogy here is like parents,

NOTE Confidence: 0.845322301818182

00:54:19.310 --> 00:54:20.668 like when before you become a parent,

NOTE Confidence: 0.845322301818182

00:54:20.670 --> 00:54:21.867 then you have you have your baby.

NOTE Confidence: 0.845322301818182

00:54:21.870 --> 00:54:25.510 And so glad that Phil brought exhibit one.

NOTE Confidence: 0.845322301818182

00:54:25.510 --> 00:54:26.750 Or earlier in the talk,

NOTE Confidence: 0.845322301818182

00:54:26.750 --> 00:54:27.750 like you have a child.

NOTE Confidence: 0.845322301818182

00:54:27.750 --> 00:54:28.935 Then you form this attachment

NOTE Confidence: 0.845322301818182

00:54:28.935 --> 00:54:29.883 relation to the child.

NOTE Confidence: 0.845322301818182

00:54:29.890 --> 00:54:30.890 That you that you have,

NOTE Confidence: 0.845322301818182

00:54:30.890 --> 00:54:31.568 I mean,

NOTE Confidence: 0.845322301818182

00:54:31.568 --> 00:54:32.924 there's an endogenous effect

NOTE Confidence: 0.845322301818182

00:54:32.924 --> 00:54:34.280 here that's really significant.

NOTE Confidence: 0.845322301818182

00:54:34.280 --> 00:54:37.232 So my preference is to have had that child.

NOTE Confidence: 0.845322301818182

00:54:37.240 --> 00:54:40.456 I think in some ways should be suspect.

NOTE Confidence: 0.845322301818182

00:54:40.460 --> 00:54:42.038 And the same can happen here.

NOTE Confidence: 0.845322301818182

00:54:42.040 --> 00:54:43.888 If if researchers are going to be changed,

NOTE Confidence: 0.845322301818182

00:54:43.890 --> 00:54:45.155 if their preferences and orientation

NOTE Confidence: 0.845322301818182

00:54:45.155 --> 00:54:46.720 can be changed in virtue of

NOTE Confidence: 0.845322301818182

00:54:46.720 --> 00:54:48.000 undergoing experience of the drug,

NOTE Confidence: 0.845322301818182

00:54:48.000 --> 00:54:50.513 then it's not clear whether their testimony

NOTE Confidence: 0.845322301818182

00:54:50.513 --> 00:54:52.899 is is unbiased in the relevant way.

NOTE Confidence: 0.845322301818182

00:54:52.900 --> 00:54:54.580 So yeah, that's how I would,

NOTE Confidence: 0.845322301818182

00:54:54.580 --> 00:54:55.588 that's how I would.

NOTE Confidence: 0.845322301818182

00:54:55.588 --> 00:54:56.848 I'm not answering his questions

NOTE Confidence: 0.845322301818182

00:54:56.848 --> 00:54:57.599 much as saying,

NOTE Confidence: 0.845322301818182

00:54:57.600 --> 00:54:57.742 yeah,

NOTE Confidence: 0.845322301818182

00:54:57.742 --> 00:54:58.452 that's really cool and here

NOTE Confidence: 0.845322301818182

00:54:58.452 --> 00:54:59.447 are some of the things I think

NOTE Confidence: 0.845322301818182

00:54:59.447 --> 00:55:00.239 about when when I hear it.

NOTE Confidence: 0.807791521428572

00:55:02.120 --> 00:55:05.288 I mean I this one have to have

NOTE Confidence: 0.807791521428572

00:55:05.288 --> 00:55:08.260 cancer to be a good oncologist.

NOTE Confidence: 0.807791521428572

00:55:08.260 --> 00:55:10.150 Do you have to experience the effects

NOTE Confidence: 0.807791521428572

00:55:10.150 --> 00:55:12.517 of a drug to be able to describe it?

NOTE Confidence: 0.807791521428572

00:55:12.520 --> 00:55:13.850 I think that having done

NOTE Confidence: 0.807791521428572

00:55:13.850 --> 00:55:15.560 studies with a number of drugs,

NOTE Confidence: 0.807791521428572

00:55:15.560 --> 00:55:18.045 I would say that there are very

NOTE Confidence: 0.807791521428572

00:55:18.045 --> 00:55:20.733 few subjects who at the end of

NOTE Confidence: 0.807791521428572

00:55:20.733 --> 00:55:22.663 having that experience have said.

NOTE Confidence: 0.807791521428572

00:55:22.670 --> 00:55:23.297 Wait a minute.

NOTE Confidence: 0.807791521428572

00:55:23.297 --> 00:55:24.342 You didn't tell me this

NOTE Confidence: 0.807791521428572

00:55:24.342 --> 00:55:25.368 was gonna happen to me,

NOTE Confidence: 0.807791521428572

00:55:25.370 --> 00:55:26.805 or that was gonna happen to me,

NOTE Confidence: 0.807791521428572

00:55:26.810 --> 00:55:29.906 or or I wasn't informed adequately.

NOTE Confidence: 0.807791521428572

00:55:29.910 --> 00:55:32.550 I think for the most part

NOTE Confidence: 0.807791521428572

00:55:32.550 --> 00:55:33.870 we actually provide.

NOTE Confidence: 0.807791521428572

00:55:33.870 --> 00:55:36.170 Perhaps too much information which

NOTE Confidence: 0.807791521428572

00:55:36.170 --> 00:55:39.566 has its own set of you know,

NOTE Confidence: 0.807791521428572

00:55:39.566 --> 00:55:41.758 effects including, you know.

NOTE Confidence: 0.780462752

00:55:43.930 --> 00:55:48.390 Having an effect on expectancy. So, yeah,

NOTE Confidence: 0.782057073333333

00:55:48.440 --> 00:55:50.077 I think the thing about the, the,

NOTE Confidence: 0.782057073333333

00:55:50.077 --> 00:55:52.453 the objection I would have to the cancer

NOTE Confidence: 0.782057073333333

00:55:52.453 --> 00:55:54.774 example is it depends on what we're asking.

NOTE Confidence: 0.782057073333333

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00:55:54.780 --> 00:55:56.372 If. I mean if, if if you're an

NOTE Confidence: 0.782057073333333

00:55:56.372 --> 00:55:58.246 expert on like drug effects and you

NOTE Confidence: 0.782057073333333

00:55:58.246 --> 00:55:59.870 and that's what you're advising on,

NOTE Confidence: 0.782057073333333

00:55:59.870 --> 00:56:01.574 then of course you don't have had cancer.

NOTE Confidence: 0.782057073333333

00:56:01.580 --> 00:56:04.410 But imagine somebody who's counseling

NOTE Confidence: 0.782057073333333

00:56:04.410 --> 00:56:07.240 someone about depression or anxiety

NOTE Confidence: 0.782057073333333

00:56:07.320 --> 00:56:09.876 or or other kinds of experiences,

NOTE Confidence: 0.782057073333333

00:56:09.880 --> 00:56:12.631 but who never, who themselves has never

NOTE Confidence: 0.782057073333333

00:56:12.631 --> 00:56:14.360 experienced depression or anxiety.

NOTE Confidence: 0.782057073333333

00:56:14.360 --> 00:56:15.458 I mean I think they probably

NOTE Confidence: 0.782057073333333

00:56:15.458 --> 00:56:16.937 could do a good job in many ways,

NOTE Confidence: 0.782057073333333

00:56:16.940 --> 00:56:19.160 but there's still something that's lacking.

NOTE Confidence: 0.782057073333333

00:56:19.160 --> 00:56:20.270 Um, in that kind of context,

NOTE Confidence: 0.782057073333333

00:56:20.270 --> 00:56:22.190 let's say that like somebody who's

NOTE Confidence: 0.782057073333333

00:56:22.190 --> 00:56:23.470 like counseling depressed patients,

NOTE Confidence: 0.782057073333333

00:56:23.470 --> 00:56:24.388 and then they say these things.

NOTE Confidence: 0.782057073333333

00:56:24.390 --> 00:56:25.406 I say, OK, hang on, let me go.

NOTE Confidence: 0.782057073333333

00:56:25.406 --> 00:56:26.400 And they look up in their book,

NOTE Confidence: 0.782057073333333

00:56:26.400 --> 00:56:27.856 but they're supposed to say to someone else.

NOTE Confidence: 0.782057073333333

00:56:27.860 --> 00:56:29.659 That's because there's a there's a certain

NOTE Confidence: 0.782057073333333

00:56:29.659 --> 00:56:31.608 kind of empathic connection that they lack.

NOTE Confidence: 0.782057073333333

00:56:31.610 --> 00:56:33.684 And I'm not saying you can't adequately

NOTE Confidence: 0.782057073333333

00:56:33.684 --> 00:56:35.688 treat or counsel someone without that.

NOTE Confidence: 0.782057073333333

00:56:35.690 --> 00:56:38.540 It's more that this empathic connection

NOTE Confidence: 0.782057073333333

00:56:38.540 --> 00:56:41.010 arguably informs the expert advice.

NOTE Confidence: 0.782057073333333

00:56:41.010 --> 00:56:42.246 But in this case,

NOTE Confidence: 0.782057073333333

00:56:42.246 --> 00:56:44.745 it's really bizarre because the way that it

NOTE Confidence: 0.782057073333333

00:56:44.745 --> 00:56:48.240 informs it may also actually bias the bias.

NOTE Confidence: 0.782057073333333

00:56:48.240 --> 00:56:50.706 The ability for someone to to.

NOTE Confidence: 0.854537374210526

00:56:50.960 --> 00:56:52.112 I agree with you.

NOTE Confidence: 0.854537374210526

00:56:52.112 --> 00:56:54.571 I mean I think that I agree with

NOTE Confidence: 0.854537374210526

00:56:54.571 --> 00:56:56.867 you to the extent that if if.

NOTE Confidence: 0.854537374210526

00:56:56.870 --> 00:56:58.382 If it's about empathy,

NOTE Confidence: 0.854537374210526

00:56:58.382 --> 00:57:00.272 but if it's about providing

NOTE Confidence: 0.854537374210526

00:57:00.272 --> 00:57:02.057 information for a consent process,

NOTE Confidence: 0.854537374210526

00:57:02.060 --> 00:57:04.258 then I don't think that's the case

NOTE Confidence: 0.854537374210526

00:57:04.258 --> 00:57:06.460 because most of us have physicians.

NOTE Confidence: 0.854537374210526

00:57:06.460 --> 00:57:08.698 Right. Don't have the conditions that

NOTE Confidence: 0.854537374210526

00:57:08.698 --> 00:57:11.759 we are experts in treating our patients,

NOTE Confidence: 0.854537374210526

00:57:11.760 --> 00:57:14.000 but I think we.

NOTE Confidence: 0.854537374210526

00:57:14.000 --> 00:57:17.504 I would say that we we can still

NOTE Confidence: 0.854537374210526

00:57:17.504 --> 00:57:20.096 develop empathy and show empathy and

NOTE Confidence: 0.854537374210526

00:57:20.096 --> 00:57:22.241 provide information that would be

NOTE Confidence: 0.854537374210526

00:57:22.241 --> 00:57:24.830 really informative to patients without

NOTE Confidence: 0.854537374210526

00:57:24.830 --> 00:57:28.770 having that personal experience so

NOTE Confidence: 0.840157840909091

00:57:29.200 --> 00:57:31.368 well. I think it depends on what the

NOTE Confidence: 0.840157840909091

00:57:31.368 --> 00:57:33.700 consent is about, if it's consent to

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NOTE Confidence: 0.840157840909091

00:57:33.700 --> 00:57:35.770 have a particular type of experience.

NOTE Confidence: 0.840157840909091

00:57:35.770 --> 00:57:37.738 Then the problem is you might not have

NOTE Confidence: 0.840157840909091

00:57:37.738 --> 00:57:39.380 the phenomenal information you need to

NOTE Confidence: 0.840157840909091

00:57:39.380 --> 00:57:41.024 know about that type of experience.

NOTE Confidence: 0.840157840909091

00:57:41.030 --> 00:57:43.030 But if it's about like treatment for cancer

NOTE Confidence: 0.840157840909091

00:57:43.030 --> 00:57:45.110 or some of these other sorts of things,

NOTE Confidence: 0.840157840909091

00:57:45.110 --> 00:57:46.998 then I mean, I guess that the dimension

NOTE Confidence: 0.840157840909091

00:57:46.998 --> 00:57:48.940 of empathy needs to be sort of in

NOTE Confidence: 0.840157840909091

00:57:48.940 --> 00:57:50.173 terms of like understanding anxiety

NOTE Confidence: 0.840157840909091

00:57:50.173 --> 00:57:51.825 and fear and that sort of thing,

NOTE Confidence: 0.840157840909091

00:57:51.830 --> 00:57:55.190 which I I I take it that.

NOTE Confidence: 0.840157840909091

00:57:55.190 --> 00:57:57.560 Practitioners do do care about it.

NOTE Confidence: 0.840157840909091

00:57:57.560 --> 00:57:59.310 I mean, there's something problematic

NOTE Confidence: 0.840157840909091

00:57:59.310 --> 00:58:00.710 about somebody who can't.

NOTE Confidence: 0.840157840909091

00:58:00.710 --> 00:58:02.430 I mean, I know you have to at least have,

NOTE Confidence: 0.840157840909091

00:58:02.430 --> 00:58:03.730 let's call it sympathy, right?

NOTE Confidence: 0.840157840909091

00:58:03.730 --> 00:58:06.010 Like, I mean that you have to have

NOTE Confidence: 0.840157840909091

00:58:06.010 --> 00:58:08.038 an appreciation for the nature of the

NOTE Confidence: 0.840157840909091

00:58:08.038 --> 00:58:09.790 experience that a person is going

NOTE Confidence: 0.840157840909091

00:58:09.790 --> 00:58:11.834 to undergo in order to advise them.

NOTE Confidence: 0.840157840909091

00:58:11.840 --> 00:58:12.524 Or do you disagree?

NOTE Confidence: 0.840157840909091

00:58:12.524 --> 00:58:13.756 I mean that's so that's what I'm

NOTE Confidence: 0.840157840909091

00:58:13.756 --> 00:58:14.239 trying to say.

NOTE Confidence: 0.840157840909091

00:58:14.240 --> 00:58:15.960 I think this is a special kind of

NOTE Confidence: 0.840157840909091

00:58:15.960 --> 00:58:17.478 case where the judgment has is in

NOTE Confidence: 0.840157840909091

00:58:17.478 --> 00:58:19.753 part to do with the the nature of the

NOTE Confidence: 0.840157840909091

00:58:19.753 --> 00:58:21.547 experience that someone's going to undergo.

NOTE Confidence: 0.840157840909091

00:58:21.550 --> 00:58:22.510 And it's not that.

NOTE Confidence: 0.840157840909091

00:58:22.510 --> 00:58:24.382 I mean I just think there's an

NOTE Confidence: 0.840157840909091

00:58:24.382 --> 00:58:25.870 interesting conundrum here because

NOTE Confidence: 0.840157840909091

00:58:25.870 --> 00:58:28.131 if you're advising someone on what to

NOTE Confidence: 0.840157840909091

00:58:28.131 --> 00:58:29.673 expect with respect to that experience

NOTE Confidence: 0.840157840909091

00:58:29.673 --> 00:58:31.496 and then you yourself has never have

NOTE Confidence: 0.840157840909091

00:58:31.496 --> 00:58:33.240 never had that type of experience,

NOTE Confidence: 0.840157840909091

00:58:33.240 --> 00:58:34.704 there's a certain kind of essential

NOTE Confidence: 0.840157840909091

00:58:34.704 --> 00:58:35.969 information that's not available to you.

NOTE Confidence: 0.89875999375

00:58:36.820 --> 00:58:39.676 So, so at the risk of of of,

NOTE Confidence: 0.89875999375

00:58:39.680 --> 00:58:44.160 at the risk of too much self disclosure,

NOTE Confidence: 0.89875999375

00:58:44.160 --> 00:58:46.939 I I was the first subject in.

NOTE Confidence: 0.89875999375

00:58:46.940 --> 00:58:50.756 In in several of my studies,

NOTE Confidence: 0.89875999375

00:58:50.760 --> 00:58:53.766 and I don't think it made me any better

NOTE Confidence: 0.89875999375

00:58:53.766 --> 00:58:56.817 in being able to inform my subjects.

NOTE Confidence: 0.89875999375

00:58:56.820 --> 00:58:58.660 About what to expect,

NOTE Confidence: 0.89875999375

00:58:58.660 --> 00:59:01.950 I really think that the consent form.

NOTE Confidence: 0.89875999375

00:59:01.950 --> 00:59:04.211 You know, had all the information and

NOTE Confidence: 0.89875999375

00:59:04.211 --> 00:59:07.482 then I I'm pretty sure it didn't give me

NOTE Confidence: 0.89875999375

00:59:07.482 --> 00:59:10.105 any unique perspective in how to explain

NOTE Confidence: 0.89875999375

00:59:10.105 --> 00:59:12.604 what subjects we're going to get into.

NOTE Confidence: 0.89875999375

00:59:12.610 --> 00:59:14.710 Um, and I went through the exact

NOTE Confidence: 0.89875999375

00:59:14.710 --> 00:59:16.450 process that they went through,

NOTE Confidence: 0.89875999375

00:59:16.450 --> 00:59:17.969 you know, as part of the study.

NOTE Confidence: 0.89875999375

00:59:17.970 --> 00:59:20.644 So I'm not so sure about that.

NOTE Confidence: 0.89875999375

00:59:20.650 --> 00:59:24.186 I think we do a pretty good job.

NOTE Confidence: 0.89875999375

00:59:24.190 --> 00:59:26.866 You know, explaining what people can

NOTE Confidence: 0.89875999375

00:59:26.866 --> 00:59:29.749 expect to the extent that one can,

NOTE Confidence: 0.89875999375

00:59:29.750 --> 00:59:33.022 that these experiences can be so personal in

NOTE Confidence: 0.89875999375

00:59:33.022 --> 00:59:36.107 nature that even having gone through that,

NOTE Confidence: 0.89875999375

00:59:36.110 --> 00:59:38.306 I don't think I would be able to tell,

NOTE Confidence: 0.89875999375

00:59:38.310 --> 00:59:38.850 you know,

NOTE Confidence: 0.89875999375

00:59:38.850 --> 00:59:41.010 if I was telling Phil what to expect,

NOTE Confidence: 0.89875999375

00:59:41.010 --> 00:59:43.810 I'm sure he'd have his very unique,

NOTE Confidence: 0.89875999375

00:59:43.810 --> 00:59:47.410 idiosyncratic feel experience that,

NOTE Confidence: 0.89875999375

00:59:47.410 --> 00:59:48.920 yeah, anyway.

NOTE Confidence: 0.8939851875

00:59:50.430 --> 00:59:53.076 I mean, I guess I would say

NOTE Confidence: 0.8939851875

00:59:53.076 --> 00:59:54.540 that I mean language runs out,

NOTE Confidence: 0.8939851875

00:59:54.540 --> 00:59:56.028 so it's really impossible in many

NOTE Confidence: 0.8939851875

00:59:56.028 --> 00:59:57.958 ways like to to tell someone what

NOTE Confidence: 0.8939851875

00:59:57.958 --> 00:59:59.716 to expect with the new experience,

NOTE Confidence: 0.8939851875

00:59:59.720 --> 01:00:01.380 but it's interesting if you

NOTE Confidence: 0.8939851875

01:00:01.380 --> 01:00:03.426 think that it also didn't help

NOTE Confidence: 0.8939851875

01:00:03.426 --> 01:00:05.310 you to understand the type of.

NOTE Confidence: 0.8939851875

01:00:05.310 --> 01:00:07.134 Of of experiences that people would

NOTE Confidence: 0.8939851875

01:00:07.134 --> 01:00:09.409 have to confront or the possible like.

NOTE Confidence: 0.8939851875

01:00:09.410 --> 01:00:11.265 I guess I would have guessed that

NOTE Confidence: 0.8939851875

01:00:11.265 --> 01:00:12.805 having had that experience that

NOTE Confidence: 0.8939851875

01:00:12.805 --> 01:00:14.510 would inform and maybe that,

NOTE Confidence: 0.8939851875

01:00:14.510 --> 01:00:15.296 and that's why you did it,

NOTE Confidence: 0.8939851875

01:00:15.300 --> 01:00:17.214 that it would inform like the

NOTE Confidence: 0.8939851875

01:00:17.214 --> 01:00:18.846 structure of the experiment that

NOTE Confidence: 0.8939851875

01:00:18.846 --> 01:00:20.420 you designed and might inform

NOTE Confidence: 0.8939851875

01:00:20.420 --> 01:00:22.490 the way that you prepared people.

NOTE Confidence: 0.8939851875

01:00:22.490 --> 01:00:24.471 And also and when you inform them

NOTE Confidence: 0.8939851875

01:00:24.471 --> 01:00:26.414 and maybe in general terms of

NOTE Confidence: 0.8939851875

01:00:26.414 --> 01:00:28.466 things that they had to confront,

NOTE Confidence: 0.8939851875

01:00:28.470 --> 01:00:30.432 I don't think it would have

NOTE Confidence: 0.8939851875

01:00:30.432 --> 01:00:31.740 maybe given them enough.

NOTE Confidence: 0.8939851875

01:00:31.740 --> 01:00:33.045 Information for them to consent

NOTE Confidence: 0.8939851875

01:00:33.045 --> 01:00:34.350 in the knowledgeable way that

NOTE Confidence: 0.8939851875

01:00:34.402 --> 01:00:35.730 we would we would like, but.

NOTE Confidence: 0.8939851875

01:00:35.730 --> 01:00:37.770 I still think, it's just seemed,

NOTE Confidence: 0.8939851875

01:00:37.770 --> 01:00:38.946 I would still have guess it would get

NOTE Confidence: 0.8939851875

01:00:38.946 --> 01:00:40.141 an have given you some information

NOTE Confidence: 0.8939851875

01:00:40.141 --> 01:00:41.437 that would have improved the structure.

NOTE Confidence: 0.8939851875

01:00:41.440 --> 01:00:43.430 But it doesn't matter, right?

NOTE Confidence: 0.8939851875

01:00:43.430 --> 01:00:44.850 Is that what you're saying?

NOTE Confidence: 0.8939851875

01:00:44.850 --> 01:00:45.590 What

NOTE Confidence: 0.880867377083333

01:00:45.600 --> 01:00:48.336 what it, what it made me acutely aware

NOTE Confidence: 0.880867377083333

01:00:48.336 --> 01:00:52.130 of is how my own expectancies of not

NOTE Confidence: 0.880867377083333

01:00:52.130 --> 01:00:54.150 having a transformative experience

NOTE Confidence: 0.880867377083333

01:00:54.234 --> 01:00:56.490 influenced my own experience,

NOTE Confidence: 0.880867377083333

01:00:56.490 --> 01:00:58.518 which was not transformative.

NOTE Confidence: 0.880867377083333

01:00:58.520 --> 01:01:01.060 And so it made me acutely aware

NOTE Confidence: 0.880867377083333

01:01:01.060 --> 01:01:03.614 of how expectancies play a role

NOTE Confidence: 0.880867377083333

01:01:03.614 --> 01:01:06.218 and how we as practitioners also.

NOTE Confidence: 0.880867377083333

01:01:06.220 --> 01:01:08.608 Contribute to the that expectancy and

NOTE Confidence: 0.880867377083333

01:01:08.608 --> 01:01:11.982 how it can be manipulated in different

NOTE Confidence: 0.880867377083333

01:01:11.982 --> 01:01:14.806 ways depending on what the goal is.

NOTE Confidence: 0.880867377083333

01:01:14.810 --> 01:01:16.110 So if if this was,

NOTE Confidence: 0.880867377083333

123

01:01:16.110 --> 01:01:17.328 if I wasn't doing a study,

NOTE Confidence: 0.880867377083333

01:01:17.330 --> 01:01:21.524 if I was using this to to treat people,

NOTE Confidence: 0.880867377083333

01:01:21.530 --> 01:01:23.690 then I would try and magnify

NOTE Confidence: 0.880867377083333

01:01:23.690 --> 01:01:25.870 those expectations, expectancy.

NOTE Confidence: 0.880867377083333

01:01:25.870 --> 01:01:27.170 And that's not my purpose.

NOTE Confidence: 0.880867377083333

01:01:27.170 --> 01:01:30.002 My purpose was to really investigate

NOTE Confidence: 0.880867377083333

01:01:30.002 --> 01:01:32.410 the effects of the drug.

NOTE Confidence: 0.880867377083333

01:01:32.410 --> 01:01:34.345 Controlling as much as one

NOTE Confidence: 0.880867377083333

01:01:34.345 --> 01:01:35.893 could possibly for expectancy.

NOTE Confidence: 0.859310425

01:01:37.300 --> 01:01:38.596 Can can I just add to that though,

NOTE Confidence: 0.859310425

01:01:38.600 --> 01:01:42.135 in a really sort of deflationary way?

NOTE Confidence: 0.859310425

01:01:42.140 --> 01:01:44.396 These sorts of discussions are super

NOTE Confidence: 0.859310425

01:01:44.396 --> 01:01:46.629 interesting from the point of view

NOTE Confidence: 0.859310425

01:01:46.629 --> 01:01:48.299 of philosophy and pragmatics as

NOTE Confidence: 0.859310425

01:01:48.299 --> 01:01:50.319 these drugs move into the clinic.

NOTE Confidence: 0.859310425

01:01:50.320 --> 01:01:52.018 But correct me if I'm wrong,

NOTE Confidence: 0.859310425

01:01:52.020 --> 01:01:54.228 but I'm pretty sure in all of our

NOTE Confidence: 0.859310425

01:01:54.228 --> 01:01:55.370 ketamine studies, for example,

NOTE Confidence: 0.859310425

01:01:55.370 --> 01:01:57.435 we don't let anybody in who hasn't

NOTE Confidence: 0.859310425

01:01:57.435 --> 01:01:59.157 ever been drunk before, right?

NOTE Confidence: 0.859310425

01:01:59.157 --> 01:02:01.179 And in every single psychedelic study

NOTE Confidence: 0.859310425

01:02:01.179 --> 01:02:03.799 that I think has been published so far,

NOTE Confidence: 0.859310425

01:02:03.800 --> 01:02:05.410 all of the participants and

NOTE Confidence: 0.859310425

01:02:05.410 --> 01:02:07.320 most of the clinicians have had.

NOTE Confidence: 0.859310425

01:02:07.320 --> 01:02:09.264 Experience with psychedelics before.

NOTE Confidence: 0.859310425

01:02:09.264 --> 01:02:12.614 And so they're not truly transformative in

NOTE Confidence: 0.859310425

01:02:12.614 --> 01:02:15.183 the sense that you're talking about Laurie,

NOTE Confidence: 0.859310425

01:02:15.190 --> 01:02:17.535 I don't think because for me a

NOTE Confidence: 0.859310425

01:02:17.535 --> 01:02:18.869 transformative experience has to

NOTE Confidence: 0.859310425

01:02:18.869 --> 01:02:20.724 be one that you haven't had before.

NOTE Confidence: 0.859310425

01:02:20.730 --> 01:02:22.130 Otherwise you've already gone through

NOTE Confidence: 0.859310425

01:02:22.130 --> 01:02:25.140 the transformation and and so I I do

NOTE Confidence: 0.859310425

01:02:25.140 --> 01:02:27.044 think that these issues are super

NOTE Confidence: 0.859310425

01:02:27.044 --> 01:02:29.375 important to iron out as we move

NOTE Confidence: 0.859310425

01:02:29.375 --> 01:02:31.930 into this sort of brave new world.

NOTE Confidence: 0.859310425

01:02:31.930 --> 01:02:33.570 Forgive the pun of giving these drugs to

NOTE Confidence: 0.859310425

01:02:33.570 --> 01:02:35.317 people who haven't experienced them before,

NOTE Confidence: 0.859310425

01:02:35.320 --> 01:02:36.583 but so far,

NOTE Confidence: 0.859310425

01:02:36.583 --> 01:02:37.846 pretty much everybody.

NOTE Confidence: 0.859310425

01:02:37.850 --> 01:02:38.150 Yes,

NOTE Confidence: 0.7934742475

01:02:38.380 --> 01:02:40.640 I don't think that's.

NOTE Confidence: 0.7934742475

01:02:40.640 --> 01:02:41.470 Well, I don't think that's

NOTE Confidence: 0.7934742475

01:02:41.470 --> 01:02:43.550 true of the clinical studies.

NOTE Confidence: 0.7934742475

01:02:43.550 --> 01:02:45.140 I know that's true of the

NOTE Confidence: 0.7934742475

01:02:45.140 --> 01:02:46.539 studies in depression and in

NOTE Confidence: 0.7934742475

01:02:46.539 --> 01:02:47.929 cancer patients and so forth.

NOTE Confidence: 0.7934742475

01:02:47.930 --> 01:02:49.250 It certainly may be true of

NOTE Confidence: 0.7934742475

01:02:49.250 --> 01:02:50.822 the the majority of the early

NOTE Confidence: 0.7934742475

01:02:50.822 --> 01:02:51.779 healthy control studies.

NOTE Confidence: 0.764848995

01:02:52.800 --> 01:02:53.860 And those studies are

NOTE Confidence: 0.764848995

01:02:53.860 --> 01:02:55.800 rather small, no? So far

NOTE Confidence: 0.81359688

01:02:55.960 --> 01:02:56.998 up to 70.

NOTE Confidence: 0.74591841

01:02:59.970 --> 01:03:02.238 No one study, the Hopkins Depression study,

NOTE Confidence: 0.74591841

01:03:02.240 --> 01:03:03.244 had a nanoflex 70.

NOTE Confidence: 0.74591841

01:03:03.244 --> 01:03:05.265 And we have also hand up and then

NOTE Confidence: 0.74591841

01:03:05.265 --> 01:03:07.081 we are at the end of the hour.

NOTE Confidence: 0.74591841

01:03:07.090 --> 01:03:08.426 I passed the end of the hour which

NOTE Confidence: 0.74591841

01:03:08.426 --> 01:03:09.733 just speaks to how much people are

NOTE Confidence: 0.74591841

01:03:09.733 --> 01:03:11.100 engaged in and enjoying this discussion.

NOTE Confidence: 0.74591841

01:03:11.100 --> 01:03:13.069 But I want to suggest we have Alex's

NOTE Confidence: 0.74591841

01:03:13.069 --> 01:03:14.742 question and then any any you know

NOTE Confidence: 0.74591841

01:03:14.742 --> 01:03:16.246 response and follow up and then we'll

NOTE Confidence: 0.74591841

127

01:03:16.246 --> 01:03:17.946 draw to a close for today and maybe

NOTE Confidence: 0.74591841

01:03:17.946 --> 01:03:19.520 have you back some other time. So

NOTE Confidence: 0.915448689166667

01:03:19.530 --> 01:03:22.874 I guess the question that I had related

NOTE Confidence: 0.915448689166667

01:03:22.874 --> 01:03:25.345 to this idea of their comment about

NOTE Confidence: 0.915448689166667

01:03:25.345 --> 01:03:27.175 experiencing anxiety or depression and then

NOTE Confidence: 0.915448689166667

01:03:27.175 --> 01:03:28.886 treating someone who has those scenarios.

NOTE Confidence: 0.915448689166667

01:03:28.890 --> 01:03:31.512 I guess in that case I

NOTE Confidence: 0.915448689166667

01:03:31.512 --> 01:03:34.230 think almost I may be over.

NOTE Confidence: 0.915448689166667

01:03:34.230 --> 01:03:36.198 Emphasizing this, but I think that

NOTE Confidence: 0.915448689166667

01:03:36.198 --> 01:03:37.830 almost everyone would agree that.

NOTE Confidence: 0.915448689166667

01:03:37.830 --> 01:03:39.666 A psychiatrist or other mental health

NOTE Confidence: 0.915448689166667

01:03:39.666 --> 01:03:41.263 professional has to have experienced

NOTE Confidence: 0.915448689166667

01:03:41.263 --> 01:03:43.510 these emotions in order to treat people.

NOTE Confidence: 0.915448689166667

01:03:43.510 --> 01:03:45.939 However, they may not have experienced them

NOTE Confidence: 0.915448689166667

01:03:45.939 --> 01:03:48.505 to the degree or the duration of someone

NOTE Confidence: 0.915448689166667

01:03:48.505 --> 01:03:51.249 who has a severe mood or anxiety disorder.

NOTE Confidence: 0.915448689166667

01:03:51.250 --> 01:03:52.930 I think it would be.

NOTE Confidence: 0.915448689166667

01:03:52.930 --> 01:03:55.010 A list in my view,

NOTE Confidence: 0.915448689166667

01:03:55.010 --> 01:03:58.058 like a huge barrier if someone has not

NOTE Confidence: 0.915448689166667

01:03:58.058 --> 01:03:59.806 experienced anxiety to to recognize

NOTE Confidence: 0.915448689166667

01:03:59.806 --> 01:04:02.197 this emotion or to to adapt to that.

NOTE Confidence: 0.915448689166667

01:04:02.197 --> 01:04:04.800 So I guess the question that I had was.

NOTE Confidence: 0.915448689166667

01:04:04.800 --> 01:04:07.626 Like specifically what would be the

NOTE Confidence: 0.915448689166667

01:04:07.626 --> 01:04:09.510 constitutive experiences that exist

NOTE Confidence: 0.915448689166667

01:04:09.579 --> 01:04:11.599 outside of the psychedelic experience

NOTE Confidence: 0.915448689166667

01:04:11.599 --> 01:04:14.885 that we can think about as as the ones

NOTE Confidence: 0.915448689166667

01:04:14.885 --> 01:04:17.264 which are then amplified or in in

NOTE Confidence: 0.915448689166667

01:04:17.264 --> 01:04:22.520 degree or or so on that that that one?

NOTE Confidence: 0.915448689166667

01:04:22.520 --> 01:04:24.050 Might need to have had to empathize

NOTE Confidence: 0.915448689166667

01:04:24.050 --> 01:04:25.520 or or connect to someone who's

NOTE Confidence: 0.915448689166667

01:04:25.520 --> 01:04:27.248 experiencing a psychedelic experience.

NOTE Confidence: 0.851940324

01:04:32.230 --> 01:04:34.950 That's a really good question.

NOTE Confidence: 0.851940324

01:04:34.950 --> 01:04:36.762 And I don't think I have

NOTE Confidence: 0.851940324

01:04:36.762 --> 01:04:38.330 a quick answer for you.

NOTE Confidence: 0.851940324

01:04:38.330 --> 01:04:41.146 I mean that I it's I guess I'll say

NOTE Confidence: 0.851940324

01:04:41.146 --> 01:04:43.258 that I mean one of the things again

NOTE Confidence: 0.851940324

01:04:43.258 --> 01:04:45.526 I mentioned it I think earlier in

NOTE Confidence: 0.851940324

01:04:45.526 --> 01:04:48.024 talking with Phil is that I'm really

NOTE Confidence: 0.851940324

01:04:48.024 --> 01:04:51.306 fascinated about the distinctive kind of.

NOTE Confidence: 0.851940324

01:04:51.310 --> 01:04:53.020 One might say epistemic revelation that

NOTE Confidence: 0.851940324

01:04:53.020 --> 01:04:54.450 psychedelic experience seems to bring.

NOTE Confidence: 0.851940324

01:04:54.450 --> 01:04:57.438 It's really hard for me to even kind of

NOTE Confidence: 0.851940324

01:04:57.438 --> 01:05:00.010 figure out exactly how to frame that.

NOTE Confidence: 0.851940324

01:05:00.010 --> 01:05:01.571 Like, I called it a mode of

NOTE Confidence: 0.851940324

01:05:01.571 --> 01:05:02.517 presentation like analogous to

NOTE Confidence: 0.851940324

01:05:02.517 --> 01:05:03.667 getting a new sense experience.

NOTE Confidence: 0.851940324

01:05:03.670 --> 01:05:05.650 But it's not the same.

NOTE Confidence: 0.851940324

01:05:05.650 --> 01:05:08.926 And so to answer your question in any way,

NOTE Confidence: 0.851940324

01:05:08.930 --> 01:05:10.260 that wasn't like kind of utter ********

NOTE Confidence: 0.851940324

01:05:10.260 --> 01:05:13.398 I'd have to think carefully about.

NOTE Confidence: 0.851940324

01:05:13.400 --> 01:05:17.152 Uh, if I could try to identify any

NOTE Confidence: 0.851940324

01:05:17.152 --> 01:05:19.738 clearer way what this distinctive mode

NOTE Confidence: 0.851940324

01:05:19.738 --> 01:05:21.798 something more about this distinctive

NOTE Confidence: 0.851940324

01:05:21.798 --> 01:05:24.266 but that would be like that would be.

NOTE Confidence: 0.851940324

01:05:24.270 --> 01:05:25.485 That the challenge,

NOTE Confidence: 0.851940324

01:05:25.485 --> 01:05:27.915 and that's a really interesting one.

NOTE Confidence: 0.851940324

01:05:27.920 --> 01:05:28.280 Umm.

NOTE Confidence: 0.867095295

01:05:30.640 --> 01:05:31.620 I'm not sure what else

NOTE Confidence: 0.867095295

01:05:31.620 --> 01:05:32.600 to say aside from that.

NOTE Confidence: 0.867095295

01:05:32.600 --> 01:05:34.610 I mean obviously like maybe,

NOTE Confidence: 0.867095295

01:05:34.610 --> 01:05:35.658 well, I don't know.

NOTE Confidence: 0.867095295

01:05:35.658 --> 01:05:36.968 I've never had ketamine so.

NOTE Confidence: 0.302497925

01:05:39.260 --> 01:05:42.735 Um. Umm. Yeah.

NOTE Confidence: 0.302497925

01:05:42.735 --> 01:05:43.605 Maybe I'll leave it at that.

NOTE Confidence: 0.302497925

01:05:43.610 --> 01:05:44.166 Thanks for the question.

NOTE Confidence: 0.302497925

01:05:44.166 --> 01:05:45.000 I don't really have a good

NOTE Confidence: 0.302497925

01:05:45.030 --> 01:05:45.824 answer for you, but I want

NOTE Confidence: 0.302497925

01:05:45.824 --> 01:05:46.592 to think about it some more.

NOTE Confidence: 0.302497925

01:05:46.600 --> 01:05:47.810 Thanks. Yeah.

NOTE Confidence: 0.81844157

01:05:49.890 --> 01:05:51.560 So I think in the interest of time we we do

NOTE Confidence: 0.885798896428572

01:05:51.604 --> 01:05:53.298 need to wrap up, but this has been

NOTE Confidence: 0.885798896428572

01:05:53.298 --> 01:05:54.386 such an invigorating discussion.

NOTE Confidence: 0.885798896428572

01:05:54.390 --> 01:05:55.866 Laurie, I don't know if you want to say

NOTE Confidence: 0.885798896428572

01:05:55.866 --> 01:05:57.030 anything here at the end and closing.

NOTE Confidence: 0.878580353333333

01:05:57.210 --> 01:05:58.560 Ohh, just thank you very much.

NOTE Confidence: 0.878580353333333

01:05:58.560 --> 01:06:00.792 I really appreciate all the comments

NOTE Confidence: 0.878580353333333

01:06:00.792 --> 01:06:03.105 and all the discussion and I am

NOTE Confidence: 0.878580353333333

01:06:03.105 --> 01:06:04.876 hoping to at some point explore this.

NOTE Confidence: 0.878580353333333

01:06:04.876 --> 01:06:06.900 I mean I'm wanting to write on this.

NOTE Confidence: 0.878580353333333

01:06:06.900 --> 01:06:08.568 And so I really appreciate the

NOTE Confidence: 0.878580353333333

01:06:08.568 --> 01:06:10.274 discussion and would love to follow

NOTE Confidence: 0.878580353333333

01:06:10.274 --> 01:06:12.150 up with anybody if anyone else is

NOTE Confidence: 0.878580353333333

01:06:12.150 --> 01:06:13.970 interested in in talking about this more.

NOTE Confidence: 0.878580353333333

01:06:13.970 --> 01:06:15.080 Yeah, thanks.

NOTE Confidence: 0.88347271875

01:06:16.110 --> 01:06:17.918 Thank you so much. Good to see everyone.

NOTE Confidence: 0.88347271875

01:06:17.920 --> 01:06:18.772 Apologies again for the

NOTE Confidence: 0.88347271875

01:06:18.772 --> 01:06:19.624 confusion with the link,

NOTE Confidence: 0.88347271875

01:06:19.630 --> 01:06:20.869 but I'm so glad so many people

NOTE Confidence: 0.88347271875

01:06:20.870 --> 01:06:22.630 made it Despite that my errors.

NOTE Confidence: 0.88347271875

01:06:22.630 --> 01:06:24.280 Have a good weekend, everyone,

NOTE Confidence: 0.88347271875

01:06:24.280 --> 01:06:25.120 and thank you, Lori.

NOTE Confidence: 0.63458735

01:06:26.910 --> 01:06:29.350 Great talk.