

**Evan 7**  
**Evan Sampling Day 7**

Below in black is a word-for-word transcript of the September 19 sampling interview 7 with Evan that is available on YouTube at <https://youtu.be/Bqpcsv0mUnM>. In green are Russ's comments, and in blue are Gualtierio's comments about and explanations of the Descriptive Experience Sampling process inserted after the interview. If you have corrections, suggestions, or questions, please post them as YouTube comments.

RTH = Russ Hurlburt

GP = Gualtierio Piccinini

Evan = Evan Mcgloughlin

0:02 RTH: So this is Evan's seventh day and we've had a little bit of a conversation about, uh, about the podcast and what to do about it, and we'll come back and talk about that later on. So, are we ready to talk about today's beeps?

0:20 Evan: Yeah, yeah, for sure.

0:23 RTH: I'm ready. Number 1.

**SAMPLE 7.1 DISCUSSION STARTS HERE**

0:27 Evan: So I was walking, humming to a song out loud, listening to the song in my ears, awareness of the words "something ain't right" while humming. And I had awareness of trees and their greenness, and the sky and its blueness.

0:57 RTH: And is any of that more prominent than any of the others of it?

1:02 Evan: It's in the auditory experience of listening and humming [RTH: Okay.] is prominent.

1:06 RTH: So I've, I'm walking and I've got my headphones, headphones in, and I'm, I'm hearing this song and I'm humming along with the song. Is that the [Evan: Yes.] the deal? [Evan: Yeah.] And, and, in that aspect, am I more so it could be just a fact of the universe that I'm humming, but what I'm really doing is listening to the song. Or it could be that this humming is directly experienced as *I'm humming along with* or whatever.

1:39 Evan: I think the humming was directly experienced

1:43 RTH: More so, or less so, or evenly so? Hard to say so?

1:46 Evan: Quite even I q-quite even, I, I would say

1:49 RTH: So I'm hearing it and I'm going along with it. And those are both part of that experience?

1:54 Evan: Yeah. Yeah.

1:56 RTH: Any more to say about that?

1:59 Evan: I don't think so. Only that it's always hard to know if it's 50/50, 70/30, but, and, and always hard to know if the beep brought it into your awareness or was it in your awareness before, but I think it seemed prominent. It was there. And I would say it's about equal.

2:19 RTH: Okay. And then there's tree greenness and sky blueness. [Evan: Yeah.] Are those two separate things, or is that like one experience where I'm seeing green trees against blue sky?

2:30 Evan: It's funny cuz as soon as I, I wrote this down, I, I, I knew that you were gonna ask me that question [laughs]. I was like, "Russ is gonna ask me, is this more trees?" That, and it, I think it's both, but I don't, it's not that I have, I'm not thinking, y'know, *there's trees* there, but it's, there's some, some gist or some sense that *I'm looking at a tree and it's green* and there's some gist that *I'm looking at a sky and the sky is blue*.

2:55 RTH: As, as one experience or two separate experiences? Or can't tell.

3:06 Evan: Very hard to tell. I don't, I don't know. I would say maybe, might say one, but I, okay. I'd say it's one, but I'm not sure what it would mean for that to be separate as a, y'know what I mean?

3:21 RTH: I, I would say that if you knew what it meant to be separate, then it was separate. And if you don't know what it meant to be separate, then it probably wasn't separate.

3:27 Evan: Right. Right.

3:28 RTH: And, and is your experience of seeing trees against the sky, or is it seeing green against blue? That is, is this mostly about the colors, or mostly about the object?

3:41 Evan: That's the, that's the one that I knew you were gonna ask me, but I wasn't really sure. I'd say it's slightly more colors, but I don't know.

3:52 RTH: Okay. So either way, whether we say it's more or less, either way, it would be, it's fair to say that the colors are prominent?

4:01 Evan: Yeah, for sure.

4:02 RTH: Whether they're 60/40 or 40/60 prominent. I don't think we, we have to say, but it's, it's *not* just that I'm seeing trees, but I am seeing the *greenness of* the trees. Yeah. And it's not just that I'm seeing the sky, it's that I'm seeing the *blueness of* the sky.

- 4:19 Evan: Yeah. There's, there's definitely an appreciation aspect to it, noticing *how blue* and *how green* they were, and there was sort of an appreciation.
- 4:19 Russ comments: That is, RTH has ascertained that Evan was experiencing what DES would call a sensory awareness of color (actually two sensory awarenesses of color). See comment at 48:48.
- 4:30 RTH: Okay. Then I think I'm good about that. Gualtiero?
- 4:36 GP: Okay. Yeah. Um, maybe it's, I misunderstood, but I, I, I wrote down something about having an awareness of something ain't right.
- 4:47 Evan: Yeah.
- 4:48 GP: Was that
- 4:49 Evan: The, of the words
- 4:50 GP: That that was the song, or words in the song? [Evan: Yes.] Oh, okay. Okay. Okay.
- 4:54 Evan: Yeah. I don't think they were in my, I didn't see them. I didn't speak them or in my, there was no inner speech. It was just kind of awareness of those words when the beep pinged off.
- 5:05 GP: And the words had been in the song.
- 5:08 Evan: Yeah.
- 5:09 GP: Yeah. Yeah. Okay. Thank you.
- 5:15 RTH: All right, number 2.

#### SAMPLE 7.2 DISCUSSION STARTS HERE

- 5:18 Evan: So I was reading on my laptop screen, inner speaking the words "experimental skills." And I sort of had, I, I read them and then looked up and I was thinking, and I was speaking in my head inner, or "experimental skills," and I had a bit of a faded visual field and sort of a, a disconnect from that. Like I kind of had faded out a bit, um, if that makes sense. So I remember speaking the words "experimental skills" in my mind, but I was kind of faded. My visual fie-field wasn't in high resolution. It had kind of blurred out and I had kind of just phased out, if that makes sense.
- 6:01 RTH: And does that mean that the speaking "experimental skills" is more prominent to you at this moment?
- 6:06 Evan: Yeah, I'd say this is a very low, if you can quantify a beep as a low-experience beep, it was just a *ain't much going on*.

- 6:15 RTH: Okay. So about “experimental skills,” I’m ex that’s inner, I am not speaking that aloud. That’s inner?
- 6:24 Evan: Yeah, inner.
- 6:26 RTH: And is it spoken, or heard, or both or...”
- 6:30 Evan: Spoken. [RTH: Okay.] Like as I understand the difference between spoken and heard, spoken in this context is that it does seem like I’m saying it.
- 6:30 Russ comments: “I’m saying it” suggests to me that Evan does comprehend the distinction between spoken and heard.
- 6:43 RTH: Okay. And in, in your own voice? [Evan: Yeah.] Your own sort of naturally occurring...
- 6:53 Evan: Yeah.
- 6:54 RTH: Okay. And then there’s the faded visual field, which I didn’t, I didn’t quite understand. What is that visual field of what of?
- 7:09 Evan: It was just so, I, I looked up from my laptop, I was in a coffee shop. Um, there wasn’t really anything there in particular in my awareness. I took nothing in from my visual field, except that it was a bit blurry because I had sort of phased out.
- 7:26 RTH: And had you looked up slightly before the beep and when the ...
- 7:33 Evan: Yeah. So I kind of read it from, I read the words “experimental skills” on the screen, looked up and then said it to myself, kind of phased out a bit, and then the beep occurred.
- 7:47 RTH: Okay. And so, lemme see whether I’ve, whether I’ve got this, cuz there’ve been some distractions in my end here. The, I am saying to myself “experimental skills,” which is something that I am reading on the screen is, is that has been on the screen and I have read it?
- 8:04 Evan: It *was* on the screen and I read it. But I looked up, said it in my head. So the, the read it was disconnect. So I, uh, the reading wasn’t when I spoke it in my mind. I read it first, looked up, and then spoke it in my, in my mind.
- 8:04 Russ comments: That Evan articulates these fine temporal distinctions is evidence that he understands the distinctions and thus is likely to have applied those distinctions at the moment of the beep.
- 8:18 RTH: Okay. So there’s a, there’s a, [Evan: after the fact], I’m, I’m speaking, I’m innerly speaking “experimental skills”; that’s *separate from* the reading. I *had* read it, but [Evan: yes] *now* I am saying it.
- 8:29 Evan: Yeah.

- 8:29 RTH: Okay. *And* I have looked up from the screen, and while I'm saying it, my eyeballs are aimed at the coffee shop around me, I guess. But I'm not really seeing it, or, or...
- 8:42 Evan: No. Nothing. Like when a video is loading and it's 140p just very, very blurred. Low resolution, can't really make out anything.
- 8:52 RTH: So there's *some* visual experience, but *no particular* visual experience.
- 8:57 Evan: I think I have some recollection of like, a colored t-shirt in the middle, but that wasn't even, I wasn't even aware of it enough in that moment to have written it down. So no, it was, it really was a phased out, like I think it was a bit of a blank experience.
- 9:12 RTH: And would you say that it i-is visually blank or it's visually just very undifferentiated? Something there, but it's not...
- 9:21 Evan: There's definitely somethin there, but I just wasn't taking any of it in.
- 9:26 RTH: And something *experientially* there? Clearly the, the coffee shop is there in a physical sense, [Evan: Yes.] But experientially, I'm, I'm somehow, somehow very vaguely, faintly, inchoately seeing it. Is that right?
- 9:45 Evan: Yeah. But it's, it's not prominent in my experien... It doesn't compare to a, a normal visual experience.
- 9:53 RTH: Okay. And I think I'm good, Gualtiero, are you? [GP: I'm good, too.] Number 3.

### SAMPLE 7.3 DISCUSSION STARTS HERE

- 10:04 Evan: So I was, speaking to myself, is this, so, oh, this was an interesting one actually. So I was speaking to myself, "is this some hard-coded mechanism?" So that's what I was speaking to myself, that i-inner speech. And then I had some vague sense that I was asking my upcoming guest this question. So I was inner speaking it and I couldn't see him, necessarily, but there was a sense that I was asking him the question in sort of an abstract, vague way that I couldn't really put my finger on. I couldn't see him. He wasn't sitting across the table, but it was, he was *there*. It, the question was directed at him, yeah, in some, some sort of vague, abstract way.
- 10:52 RTH: So this is a, so is what you're saying is that this is not something that I'm saying *to myself*, but something that I'm saying to let's call him James. I don't, or we can, you can make up a name, we can call him, but just let's give a particular name to this. There, there is a, well, let me ask it first. There is a particular person involved. This is not some, some-
- 11:13 Evan: Yeah it was the guest that I had today. Today, his name is Nikolai. Yeah. [RTH: Okay.] So I was, I was ac-directing the question to Nikolai as I might in the podcast. And he was, I wasn't visualizing him, but I definitely was asking him the question. And there

was some, some sense that he was there, even though he wasn't in my visual field or in my imagination in any way that I could see.

11:37 RTH: And, so there's two possibilities. One, I guess that (or maybe more, but at least two possibilities). One is I understand myself to be saying this *to Nikolai*.

11:48 Evan: Yeah.

11:48 RTH: And another is I'm saying it to Nikolai, and somehow *Nikolai is there*, even though I don't see him, or feel him, or touch him, or see him or whatever. But, but *he's there*. So the question is, is there a *thereness* of Nikolai, or is it just a, this is, this innerly spoken thing is *aimed at* Nikolai?

12:12 Evan: By *thereness*, I wouldn't say he was located anywhere in space in my imagination, if that's what *thereness* mean, He just- it's just his presence was, was in the same way I'd be talking to him in a, over zoom. It just, there was some sense that he was there in some sort of abstract way. Does that make, does that make sense? It's just, it was very vague. I don't really know exactly how, but it just, it felt like I was directing the question at him without seeing him in that moment.

12:41 RTH: So maybe the question that I'm asking is not possible to a, to ask or answer, but it seems like there could be a distinction between I'm aiming a question at somebody. There's no question about that. I'm aiming this question at Nikolai. This is a, this is a question designed for Nikolai.

12:57 Evan: Yes.

12:58 RTH: And [Evan: definitely] the, and beyond the fact that there's a question aimed at Nikolai, there is some presence of Nikolai, and maybe that's not a, so [Evan: Yeah, exactly.] So that's, that's a question. Does it seem like there's some presence of Nikolai that's *beyond just* this question is aimed at Nikolai?

13:22 Evan: Yeah, for sure.. I don't, [RTH: Okay] I don't know. Presence is a strange word. Again, it's, it is a vague sense that he's there. So maybe presence. He's maybe there is a degree of presence there. [RTH: Mm-hmm]. It's definitely very tangibly that it was, at him in some way. I just couldn't see him. So yeah, there, there is some *thereness*, or there is some presence. Like the idea of him. I was, it was being, I, I was directing the question to the idea or the concept of him. [RTH: Mh-hmm]

13:57 RTH: And the speaking is in your voice, wh-this whole complete sentence quote "Is this [Evan: Yes.] Some hard-coded mechanism?" unquote, with a, with a, an applied question mark? [Evan: Yes.] Inflect inflected like a question mark?

14:11 Evan: Yes.

14:13 RTH: And, and does it seem like, like the same way that you would have asked the question if he had actually been there?

- 14:21 Evan: I probably would've been a little bit more articulate with the way I phrased the, the question, but yeah, rough, it would be the way that I would speak in a casual conversation with him, yes.
- 14:29 RTH: Okay. And I think I'm good.
- 14:35 GP: Um, I just, um, I have one clarification to ask. When you say that, you said that there, that you were, did, did I remember right? You said you were imagining Nikolai?
- 14:49 Evan: So it really depends on what you mean by *imagine*. So, it, I was, I was speaking to m-myself. It was directed at him and he was, I was in some sense, imagining him, but I didn't see him, in this case. [GP: Okay] It was just that there [GP: So you're] was an idea or of him, or a concept of him, but the question was being directed at, [GP: Okay] I don't know if imagine works there.[GP: So you're] Every word.
- 15:15 GP: You weren't, you weren't imagining in a visual sense, in a, [Evan: No, definitely not.] in a sense of having an image of him, or like a picture [Evan: Right.] of him in your head. No, there was nothing like that?
- 15:26 Evan: It was a much more abstract sort of, [GP: Yeah.] feeling of him and a, a [GP: Yeah, Mm-hmm] vibe and idea. No word matches it perfectly, but-
- 15:35 GP: Yeah. Mm-hmm . Okay.
- 15:36 Evan: A sense of him.
- 15:39 GP: Thank you. Yeah.
- 15:41 RTH: Onward? Number 4.

#### SAMPLE 7.4 DISCUSSION STARTS HERE

- 15:43 Evan: So Beep 4? [RTH: Yep.] So I was watching a football clip on my phone thinking "fucking hell", " marveling sort of at how good the clip was that I was watching. I am sort of with a strong sense of appreciating how good the clip was, I guess, or to, y'know, how to phrase that. But there was a, y'know, awareness of appreciation. And I was very aware of the orange color of the Barcelona jersey.
- 16:28 RTH: Okay. That's the description there?
- 16:31 Evan: Yeah.
- 16:32 RTH: And "fucking hell."" Is that words, that are. Well, let's, let's start with there are, are we talking about the words "fucking hell", " or?
- 16:43 Evan: This would be the-uh yeah, I think so, but this would be the one where I'd have less confidence on if it was thinking or inner speech. The others, I would have very, a good idea now, that it was inner speech or thinking. This one, I'm like, there's a bit of error

bars on it. I think it, I think it was thinking rather than inner speech, but it could have been inner speech, inner stance. There, There's a little bit more ambiguity on this one.

17:05 RTH: Okay. So the, the idea, I guess you could say of-

17:10 Evan: Yeah.

17:12 RTH: Of quote "fucking hell" unquote is present to me?

17:17 Evan: Yes.

17:17 RTH: And maybe I'm speaking it and maybe I'm not speaking it. That would depend on how you define speaking and how you define... Is, is that right?

17:28 Evan: Yeah, it was definitely those words, but I don't. It was more conceptual than thinking "fucking hell" as words spoken in my mind.

17:44 RTH: So, it's the words, the, there's no question. It's the words "fucking hell." And it, [Evan: Yep.] and it's not just, it's, it's not just the concept "fucking hell." It's the *words* "fucking hell." Like, the concept could be conveyed by, I don't know what, [Laughs] what else he would say about that. "Oh my god" or [Evan: Ye-yeah.] "Jesus Christ" or something.

18:07 Evan: It was, it was, it was definitely those two words.

18:13 RTH: Okay. But not definitely spoken and not definitely heard.

18:17 Evan: Right.

18:19 RTH: And then to turn that backwards, is it definitely not spoken, and definitely not heard? Or?

18:25 Evan: No, it could definitely be spoken.

18:28 RTH: Okay. So it's in some, inchoateness, or imperfection of communication here between speaking it and not speaking it. [Evan: Yes.] So the, the words are there, and maybe I'm speaking it and maybe I'm not speaking it. I can't, I can't be totally confident about that.

18:50 Evan: Exactly. Yeah.

18:51 RTH: Okay. Can't be total, totally confident either way. I can't say it's not, and I can't say that it is.

18:56 Evan: Yeah.

18:57 RTH: Okay. And, and is it in inflected, are these words inflected?

19:04 Evan: Maybe a? There is a bit of a, that's why maybe I'm leaning on, on, on speech. It's definitely those words and there is a bit of a emotion to it. There's a bit of a passion to it, rather than it,

19:19 RTH: That's,

19:19 Evan: I dunno if as a concept, is it, I don't know if that necessarily teases those two things apart at all, but there, there is a bit of a, an emotion to it. I don't know if that answers your question.

19:29 RTH: So then "fucking hell" is not an expression that I customarily use, but so is it like "fucking hell!" exclamation point, "fucking *hell*" or,

19:38 Evan: Yeah, definitely. Without a doubt.

19:42 RTH: Okay. So there's some oomph in these words. [Evan: Yes.] It's not, this is not just the words, it's, it's the p, pizazzly power powerfully, powerfully uttered words. Whether I'm uttering them or not, I don't really know. But,

20:02 Evan: But yes. [RTH: Okay.] In your mind, does that tease apart thinking or speaking? Cuz you can, you can think with a bit of oomph as well, can't you?

20:09 RTH: Yes, you can. Yeah. I, so I don't think there's a hard border between *words pre*, what I would call *words present* and *innerly speaking*. And I don't think there's a hard border between *unsymbolized thinking* and *words present*, or any other probably hard border. But, but I think it's po I, I *do* think that it is definitely possible for words to be present very strongly inflicted as this apparently is, [Evan: Yeah.] even though they're not spoken. But it's, it's not like these are just dispassionate words, "fucking hell." It's that these are "*fucking hell!!*" or whatever, [Evan: Yeah.] whatever that inflection is.

20:09 Russ comments: It might be worth noticing that if one wants to undertake a high-fidelity investigation of inner experience, one must be equally open to (that is, be skilled at inquiring about, and not favoring any one or more over the others):

- words innerly spoken with inflection
- words innerly spoken without inflection
- words innerly spoken in my own voice
- words innerly spoken in my own voice but with characteristics unlike my actual voice
- words innerly present with the flavor of speaking but not spoken
- words innerly present without any flavor of speaking
- words innerly present without speaking but with inflection
- words innerly heard with inflection
- words innerly heard without inflection
- words innerly heard in my own voice
- words innerly heard in my own voice but with characteristics unlike my actual voice
- words innerly present with the flavor of hearing but not heard

- words innerly present without any flavor of speaking
- words innerly present without speaking but with inflection
- words hintily present but not directly present
- concepts clearly present without words but which could be expressed only in particular words
- concepts clearly present without words but which could be expressed in any of several more-or-less synonymous words
- concepts clearly present without words and no relationship to words at all
- concepts hintily present
- gist—something less than a concept but in the ballpark of cognition
- and any other possibilities, whatever they are, in the vicinity of these that might be important for the current participant

And those are all in the realm of cognitive experience. One could provide a similar list of emotional characteristics, and so on.

20:51 Evan: Yeah, for sure. There's, there's power to it. There's weight.

20:56 RTH: My opinion about that, the way I think that, the way I think that works rightly or wrongly, is, is that I think that all these things are multiprocessor deals, and you've got a channel that puts power things and another channel that puts words things. And probably there's a hundred channels in each one of those things. And they, when they all come together, sometimes they come out with innerly spoken and sometimes externally spoken and all those things are coordinated together on a good day. And

21:22 Evan: Yeah.

21:25 RTH: But,

21:26 Evan: But I'd love to understand why somebody goes to inner speech before thinking or goes to thinking before inner speech. Definitely context dependent. Definitely specific to the person. I have no idea when I go to one or the other.

21:40 RTH: Yeah. Well, I, I, I, I think it's more complicated than that because I think it is possible to innerly speak and externally speak at the same time and different words. So it's not like there's just one word producer. [Evan: Yes.] I think the parallel processing can have two or more word producers in, in the same mode or different mode. I think, y'know, I think it's possible to innerly speak two different things at the same time. Not, not, it's not common, but it happens. It's fairly common to innerly speak one thing and externally speak something else.

22:17 Evan: I don't think I, I don't think I relate to that. And I don't think I relate to the hearing either. I don't think I've ever heard, not in my voice, weirdly. I think when I speak to myself, it's in my voice always. I was kind of trying to pay attention to that today. Not that I would ever exclude it from a possibility that it would happen in another sample, but I, I don't, I don't think I necessarily hear other voices when I do it.

22:42 RTH: I think, I think, I think it's, I think the phenomena are, are, are mult multi, I think it's possible to hear your own voice without speaking it as if it were being played back by a tape recorder. And I think it's possible to speak your voice without hearing it. And it's possible to both, and it's possible to speak somebody else's voice. I'm speaking Barbra Streisand's voice or whatever. You could do that. So I, I think it's complicated.

23:14 Evan: Yes.

23:15 RTH: So: am I, and so we, we've, we haven't talked about the appreciation. There's some appreciation for the skill.

23:24 Evan: Yeah.

23:26 RTH: And that's present to me is, and, and is that, [Evan: Yeah.] Is that what "fucking hell" is? "Fucking hell" is sort of a caption to the *how skillful this is*?

23:35 Evan: It could be exactly. It, it, it could be,

23:38 RTH: But it's not necessarily...

23:39 Evan: And yeah, like I *think* it is, and I think there's a sense that it's coming from the body, but that's hard to

23:47 RTH: Coming from *your* body?

23:50 Evan: Yeah. Like when I say the words 'fucking hell' it feels like there's almost an appreciation, but it's, it's, it feels like it's coming from the body in some weird way. Am I confusing things though completely.

24:07 RTH: Well, I don't, I haven't yet figured out what do you mean by "from the body"?

24:10 Evan: Neither do I, but

24:12 RTH: So are you saying that, so I'm watching, I'm watching a, a very skilled soccer player do a very skillful move. That's [Evan: Yes.] That's the substrate here. [Evan: Yeah.] And, and are you saying I have something like a bodily appreciation of that? That the appreciation is bodily, like I'm,

24:30 Evan: Yes. I look, yeah, I, I would say that if I feel I was to describe what feeling appreciation feels for me *is* bodily most of the time. But this case I'm speaking specifically here, it does feel like that the, that sense of awe, sense of appreciation in, in some way that that I can't describe seems to come from the body. It doesn't, [RTH: Okay.] It doesn't seem to come from the brain or it seems kind of below the neck, weirdly.

24:59 RTH: So I have, I'm, I'm somehow experiencing a bodily appreciation for what I'm seeing. [Evan: Yeah.] And is and is that bodily appreciation in some way like a mimic of the, like I feel my body doing the same backward scissor kick or whatever the guy, whatever the guy was doing.

25:18 Evan: I don't think so.

25:21 RTH: So this is a, I guess you could say, an ab ab I was gonna say abstraction, but that doesn't seem quite right. This seems, it's not... My, my feeling of appreciation is not a mimic of what the guys that I see is doing. It's, I *appreciate* it. And that's one thing and *he's doing it* and that's another thing.

25:45 Evan: Well, it's a good, it's a good point. Maybe it is, but it, I definitely, it definitely wasn't that I imagined my body doing that trick necessarily. But it definitely could be that whenever I appreciate someone else's body doing something that that appreciation stems from my body in some way. That that does make, make a lot of sense. But I, it's not necessarily that it's doing that trick specifically, but I just see some body doing something impressive and I, where I feel that is also in my body.

26:16 RTH: Okay. So what I *don't* want us to do is to *infer*...

26:21 Evan: Yes! [laughs]

26:22 RTH: ...y'know, that's like, that's the whole mirror neuron thing. Yes. I'm not a fan of that kind of logic. There might very well be individual motor mirror neurons, but that doesn't mean that we have any experience of that. But we *could*, and that's why I was asking, and I took your answer to be I'm *not* directly experiencing that.

26:43 Evan: No, I wouldn't say I, I, yeah, I was, I, I wouldn't say that I was,

26:47 RTH: I have a bodily experience of appreciation, which I understand to mean somehow in my body, it, my body is expressing appreciation. And [Evan: Yes.] I'm, and, and I'm under I'm, and me, Evan, is grasping that somehow.

27:05 Evan: Yes. Yeah.

27:06 RTH: And it doesn't, and it, *and* from that it might have come the words "fucking hell." But I don't have a connection to that. That's sort of a speculated I'm "fucking hell," *saying* "fucking hell" in appreciation for this move. Is that right?

27:27 Evan: That's a little bit harder to, to, to tease apart. Like the "fucking hell" was definitely prominent, more prominent than the bodily feeling of appreciation, but impossible to know which one led from the other or caused the other in any sort of chain or even necessarily if they were connected. But it did feel like they were.

27:47 RTH: Okay. And then there's the orange color.

27:52 Evan: Yes.

27:53 RTH: Which you said "orange color of the Barcelona journey." Does that mean, um, what I'm really interested in is the *orange color*, and it happens to be from a Barcelona

journey, er, jersey, but at the moment of the beep, I wasn't really into the jersey of it. It was somehow the orange was attracting me.

28:09 Evan: Yeah. I just seemed to, the, the awareness of the color seems to linger and be prominent. There was no jersey-ness about it. It was the, the color.

28:09 Russ comments: Seems pretty clearly an instance of sensory awareness of color.

28:20 RTH: Okay. And I think I'm good. Number 5.

#### SAMPLE 7.5 DISCUSSION STARTS HERE

28:34 Evan: So I was eating an orange, could feel the coldness of the orange on my two front teeth. Obviously a strong orange taste—that was pretty prominent. And then I was, (this one's a bit confusing. This will be fun.) I was watching a video but not focusing directly on the words, but I was visualizing in my mind's eye a cell binding something in its environment. And then again, abstractly thinking, is it conscious? This a complicated one, you get me to do experience sampling before I have a two-hour podcast on cell consciousness and lots of weird stuff happens.

29:18 RTH: Mm-hmm. So let's start with the second half of this part. So I'm watching the video [Evan: Yes.] and the video's got words, but I'm not paying attention to the words at all.

29:28 Evan: Not really.

29:30 RTH: And the video is showing some, something. Am I paying attention to that at all or is that just happening?

29:38 Evan: Yeah. It was a, it was a podcast with the guy speaking. So it was something he said previously that would've imply, that would've started this, this train of thought and visualization.

29:48 RTH: So what I'm, what I'm asking at this point is: have you entirely left behind the video? Your sense? [Evan: Yeah.] Your sensory aspects are processing it, you're hearing it, I know you're retin-, retinizing it or whatever you want to say about that. It's falling on your retina and you're processing it, but, [Evan: Yeah.] but I'm, but I'm not paying attention to that at all. What I *am* paying attention to is *my own* visualization of a cell.

30:13 Evan: Yeah.

30:15 RTH: And what do you see?

30:18 Evan: So a very sort of, so I can see an orange cell membrane, um, and then it just has a couple of things, a couple of kind of abstract shapes floating around it, inside it, which there's, I guess supposed to represent its organelles, and then it just has one big sort of receptor, which is like a Y and then there's a triangle shaped thing coming in and binding that is sort of as much as the visualization goes.

30:53 RTH: And you described that pretty clearly. Is this a cl, I see it as clearly as I've described it?

30:57 Evan: Yeah. I can, I can see it pretty clearly.

31:00 RTH: Okay. And, and at the moment of the beep, *were* seeing it pretty clearly.

31:03 Evan: Yeah.

31:04 RTH: So the cell does the, is the cell roundish or squareish or

31:10 Evan: Spherical. Yeah.

31:12 RTH: Okay. And I see it like in three dimensional, three dimensional sphere. [Evan: Yeah.] And I can see, I can see some shapes inside, which I'm presuming to be organelles, but I'm not really paying attention to the organelles...

31:22 Evan: Yeah, that's not that clear. It's, there's nothing really that clear, just abstract sort of shapes.

31:26 RTH: There's some, there's something inside, some things inside, [Evan: Yeah.] some blotches, I guess some, some things inside, but that's not what I'm paying attention to. And then I've got a receptor, [Evan: Yeah.] are we talking like dendrites of a cell or something like that? Is that what you mean by receptor?

31:42 Evan: Just like a, like a, a large representation of what like an antigen would look like in like a diagram, which is basically just like a big Y like this [demonstrates with arms and hands] coming out of the cell surface. And then something binding.

31:57 RTH: And in your imagination is that Y is going up as opposed to going left or right or whatever.

32:03 Evan: It's like top right corner of the sphere. (I know sphere doesn't have a corner, but y'know what I mean), top right. And then pointing sort of 45 degrees angled outwards. And then something is kind of coming in from the environment and binding.

32:18 RTH: And that's something coming in from the environment, you said was triangular shaped? Is that [Evan: Yeah.] Okay. With the pointy side leading or the pointy side in back or...?

32:28 Evan: Yeah, pointy side into the dock.

32:30 RTH: Okay. And is this um, in motion this, I see this triangle *coming in*.

32:39 Evan: Yeah. Yeah.

32:47 RTH: Okay. Okay. And then there was something, there was something more about that.

32:52 Evan: Yeah,

32:53 RTH: Ab but I, but I don't remember what it was.

32:56 Evan: Yeah, there, there's some, so the cell bind something, it's environment and then more abstractly thinking, *is it conscious?* [RTH: Mm-hmm.] So this I seem to be, so there's, there's like an overlaying idea or an, a sense of like, *is it conscious?* kind of lingering over the whole idea in my head, definitely. I don't think I said it, it was more, yeah.

33:24 GP: Did you say the cell is *binding* something in the environment and is that the, the thing you're [Evan: Triangle.] visualizing at that? Yeah, the triangle. Okay.

33:36 Evan: Yeah. Yeah. And some sort of idea that the, that the, some sort of sense that the overall question I'm asking myself while imagining this is, is that, *is a cell conscious, is it conscious doing this?*

33:51 RTH: And this, this is present to you, this *is it conscious?* And by present... So lemme define what I mean by that. So I, [Evan: Yeah.] it's *possible* that I was one, we, I know I'm having this thing view about cell-consciousness or whatever, and I've set myself the task to think about well cell consciousness. And in so doing, I have left the podcast behind and I've seen this, I've seen this inner, inner visualization. I'm seeing this inner visualization. And I really left the *question* behind as well. The question was, is it conscious? And now I'm, I'm answering that question by watching this internal video. Or I'm still somehow in touch with the question, *is this conscious?*

34:45 Evan: Still in touch. For sure. It's like it lingers in the background. It's, it's present, but I can't see it. And it's, it's it's lingering over the whole scene, uh, as the whole thing evolves.

34:58 RTH: And in words? Or is this a conceptual lingering?

35:05 Evan: Conceptual lingering.

35:07 RTH: So it's not so much words. So there's no reason to prefer, is it conscious or is this cell conscious or does cell have consciousness? Any one of those would be okay?

35:22 Evan: I think so. Mm-hmm. Like if you say, I didn't see the words, it felt like those words, but not that the words were visible or I could see them anywhere. It felt like those words in a concept. So I don't know if you can...It do, if I substituted out, like, is the cell conscious? It does seem like it was those words, but not, but still sort of abstractly and conceptually rather than speaking them.

35:58 RTH: And the words would be, "is the cell conscious?" not, "*is it conscious?*"

36:01 Evan: I have, I have is I have, "is it conscious" written then that's what I remember it as. Is it, is it conscious?

36:06 RTH: Is it conscious? Not is *this* conscious, but is *it* conscious?

36:11 Evan: It. Yeah. Is *it* conscious.

36:13 RTH: That you broke up a little bit for me? Is it? I-T? Is *it* c

36:17 Evan: Is it conscious. Yeah. Okay. It conscious. Yeah.

36:19 RTH: And, and there and what you said there was seemed like some hint about this being almost a visual. Is it conscious? Like I, I I almost see those words. Is that...?

36:19 Russ comments: RTH is mistaken here. The good news is that Evan corrects him.

36:35 Evan: I don't see, I don't see the words, but it feels like those words, but I don't, I don't see them anywhere.

36:44 RTH: Okay.

36:44 Evan: It does feel like those words specifically.

36:49 RTH: Okay. And, and I guess, does it, do you, you don't *speak* those words and you don't *hear* those words either, I would gather?

37:04 Evan: No. It, it's, it feels conceptual, but it does, it does feel sort of specific to those words.

37:14 RTH: Okay. [pause] Okay. [pause] Then I think I'm good. Gualtiero?

37:14 Russ comments: DES makes a distinction between unsymbolized thinking (a concept is directly apprehended without words at all) and words present (words are specifically apprehended without being spoken, heard, or seen). Evan's phenomenon seems on the border between those, and RTH decides not to try to tease that border apart. *Unsymbolized thinking* and *words present* are likely points on a continuum rather than perfectly distinct entities.

37:39 GP: Did we, uh, say anything about the feeling of coldness of orange on the front teeth?

37:45 RTH: No, we didn't.

37:46 Evan: Yes, I was eating the eating an orange could feel the coldness, of the orange on my two front teeth, and then very strong orange taste.

38:03 RTH: And between those two, would you say it is more about the cold or more about the orange? Or doesn't that question make sense or equal?

38:09 Evan: Yeah, orange taste, I'd say 70—30.

38:13 RTH: Okay. Then I think I'm good.

- 38:25 GP: What about with respect to the feeling of coldness of the orange versus the rest of the experience of the video with the, the, the, the thought that you, y'know, whether it's con, well the cell, um, the cell binding all of the other stuff, like what, what proportion, um, of experiencing is there, is this?
- 38:50 Evan: I'd say it's smaller.
- 38:54 GP: The, the feeling of like compare it coldness of orange is smaller than the other..
- 38:59 Evan: Definitely smaller. Yeah. Like the, the prominent, the prominent ex experience is there with the orange taste and the visualization in my mind's eye. And between those two it's hard to comp, it feels like multiplying apples and oranges, literally [laughs], y'know, it's, I dunno how you could, they're both very prominent and didn't seem to be conflicting with each other in any way. y'know, like a strong orange taste and the visualization. [GP: Yeah.] in my mind.
- 39:33 RTH: So I, I think it's quite possible for things both to be a 100%. You can, he can have two things both be 100%.
- 39:43 Evan: Because they're different.
- 39:44 RTH: And I think it's also
- 39:45 Evan: Guess.
- 39:46 RTH: Yeah, I think it's also possible for them to feel like one's more prominent than the other. So I've, I often ask whether one's more prominent, but I don't really care about that. What I really want us to do is to focus on the experience, and I've found that asking whether one is more prominent is a good way to get people to think about the experience rather than the theory about it.
- 40:05 Evan: Yeah, makes sense. That could be both 100%, then, or pretty, pretty high.
- 40:13 RTH: Okay then I think I'm good. You good Gualtiero?

#### A question about multiple experience

- 40:20 GP: Yeah. This reminds me of a question. Can I just ask a somewhat related question to Russ?
- 40:27 RTH: Sure,
- 40:28 Evan: Please.
- 40:29 GP: Um, have you ever interviewed people who claim to have, I think I read about this, but I am trying to confirm, um, people who are having not just two different types of experience, like feeling coldness in their teeth and imagining a cell, but two experiences of the same type, sort of in parallel, like two thoughts that are distinct

and happening at the same time or, um, or imagining one thing like the cell binding to the triangle, but also imagining, I dunno, a UFO landing somewhere else. Y'know, like com completely distinct, but the same type of experience.

41:25 RTH: Yes. Um, in all possibilities. So it is possible to have to innerly see a cell binding and innerly see, y'know, Trump on the, on the grounds at Windsor Castle or whatever.

41:45 GP: Yeah. And it,

41:47 Evan: That sounds like psychosis to me. [laughs]. No. Like that really sounds like psychosis.

41:51 RTH: It is not psychosis.

41:53 GP: Can, can anybody go beyond two?

41:56 RTH: Yes. I, I have described the, the case of Fran that I've described went up to like 10 or something like that.

42:02 GP: I think that's what I was remembering. Yeah. You mentioned it in the book, in the book with Eric, don't you? Or maybe some other thing that I read.

42:08 RTH: Right. I think I talked about Fran with Eric.

42:10 GP: Yeah. You mentioned it in, somewhere in there.

42:12 Evan: We, we have like a 20 minute clip of Fran at the end of our episode. Um, so I can link it after that. We, he, you have a very good retelling, a *chilling* retelling of that story on, um, on our, on our episode together. I'm actually surprised that that video is still monetized with that. I, I thought that that was going to demonetize that video, that clip, but it didn't. Interesting enough. But I'll link it to you if you wanna watch it. It's, he, he does it very well.

42:12 Russ comments: By "our episode" Evan refers to Russ's appearance on Evan's podcast *Giant's Shoulder* (<https://www.youtube.com/watch?v=j0gKI-g3DNg>). The story of Fran begins there at about 57:40.

42:41 GP: Yeah, I would,

42:43 Evan: Crazy story. I've told like a hundred people that story now. No one believes me, [laughs].

42:48 RTH: It's, it's a totally interesting story.

42:50 Evan: Yeah. Very interesting and,

42:51 RTH: And and, and totally transformative for me cuz I didn't believe it when I first started either.

42:57 Evan: Yeah.

43:00 RTH: But the answer to the answer to your question, Gualtieri, is I think an any, anything that you can imagine as having as happening one at a time. I have seen happening in multiplications in just about any combination.

43:13 Evan: That's bizarre. That's so crazy.

43:16 RTH: I don't, which is part of, part of why I was saying a little bit ago. I, I think of everything as being parallel. I think, y'know, the image, there is not one image maker. There is a whole collection of image makers and those things can be wired parallelly or separately or serially or, about any other way

43:41 Evan: It must be completely preposterous to someone with aphantasia that someone can not only visualize one thing, we'll visualize multiple completely separate things somewhere, cuz that's preposterous to me. I don't know how you have two, like I don't know where they are, but the, the point is we can't possibly identify with that.

44:00 GP: But you're saying somebody could use also just have separate thoughts happening at the same time. Like, I'm thinking of this, but I'm also thinking of that, and I'm also thinking of the other. [RTH: Yep.] Yeah.

44:12 Evan: That is not productive. Like are they arguing with each other? Are they, it's like

44:18 GP: [laughs],

44:19 Evan: Anti antiphase waves, just kind of, y'know, the crashing into each other? I don't know. I have no idea what that is would be like.

44:28 RTH: So when I, what I, what I think is, is that it's act it actually *is productive* if you can control it. So for example, I think there are some really good comedians like imagine Robin Williams in his prime when, who, who could go in this direction and suddenly be going in that other direction while he's been processing that other direction while he was doing the first direction. Maybe three. Maybe three...

44:52 Evan: That's a cool point.

44:52 RTH: ...maybe three or four things at the, at the same time. And he can go back, he can go back and forth and that is a skill that he has honed either on purpose or, or by accident and for whatever his, his situation was.

45:10 Evan: Yeah, it's a cool example. That's a cool example. I hadn't, I hadn't thought of that before.

45:17 RTH: So it's not, it's not necessarily unproductive.

45:23 Evan: Yeah. But it, it only seems that way for someone who has only one track, how they have multiple tracks, not just smacking off each other. And it's cool. Again, it's the variance of human experience. It's infinitely....

45:37 RTH: And, and when you stop, when you stop to think about it, a lot of human skills are, are, are really bundles of things which are separable but, but parallel. Like I'm a classical guitar player and the left hand and the right hand are doing absolutely opposite, opposite things all the time. And you can pay attention to both of them. A good guitar player can pay attention to both of 'em at the same time *and* how it sounds and, *and* this line and that line and y'know, and poly polyphony, polyphonic deal, y'know, you can track each of those lines. A good, a good musician can track each one of those lines separately.

46:15 Evan: Yeah. Yeah, that's true.

46:21 RTH: Number 6.

#### SAMPLE 7.6 DISCUSSION STARTS HERE

46:25 Evan: So I was thinking about what my, I was staring outside the window, sort of aware of the blue sky, thinking about what my listeners need from my videos, and repeating words in my head: "they need, they need," it's a bit of a weird one.

46:48 RTH: I didn't hear that last word. That after "they need, they need." Then what?

46:52 Evan: Just, so I was just repeating that those two words while staring into the blue sky.

46:58 RTH: Okay. And is the blue sky more prominent than the "they need they need"? Or less prominent? Or equal or both 100% or whatever?

47:12 Evan: It really do... It, it can be hard to know cuz they just are such different experiences that they can both be there, but you don't, it's very hard to compare the two. [RTH: Okay.] You can com, comparing a blue sky to a conceptual idea of thinking about what listeners need from my videos is like... I understand why... In this case it's not, it's not apparent, which is, which is more [RTH: Okay.] in my awareness.

47:37 RTH: And, and is it about the blueness of the sky or the sky-ness which happens to be blue? I seeing the sky? Am I seeing the blue?

47:45 Evan: 80%, maybe 90% blue.

47:50 RTH: So I'm seeing blue [Evan: Again, a hard one.] which I know is the sky. It's not like I'm just seeing abstract blue. I'm seeing blue of the sky, but it's mostly the blue. It's not the sky.

48:01 Evan: That one, it's super hard to disentangle those at all. Maybe. Yeah. I feel like it's more blue than sky, but there's his maybe 60—40 or 70—30 blue to sky.

48:14 RTH: Okay. And, and we had, we had an orange jersey back a little bit ago, that one I thought you were pretty confident this was more, mostly orange, so...

48:25 Evan: Yeah, for sure.

48:25 RTH: did that one seem like 90—10 or 99—1 or...?

48:30 Evan: I'd say there was almost no jersey to that orange.

48:33 RTH: So that orange was 100—0, but this blue seems like, it is doesn't seem like 100-0. This blue...

48:41 Evan: Seems like it. Yeah, there's a bit of, there's definitely a bit of sky in there.

48:43 RTH: 80—20 or 70—30 or something.

48:46 Evan: Yeah. I would say so.

48:48 RTH: That doesn't, I'm, I'm, I'm not disbelieving that at all. It's to be another argument for me in the parallel processing deal, y'know. It's, it's not like you have to go in *all* blue, as if, [Evan: Yeah.] as if, as if once when, when one win, when one went into sensory awareness, it has to be all, all the way. I don't think that's true.

48:48 Russ comments: Sensory awareness is apparently a frequent characteristic of Evan's experience. Today, four of his six samples involve sensory awareness: sample 7.1 trees and their greenness / sky and its blueness; 7.4 orange (of the jersey); 7.5 coldness / taste; and 7.6 blueness of the sky.

49:07 Evan: Yeah. Yeah.

49:09 RTH: And then they need, they need and is that just two repetitions or do you feel like that's, there's been more of those but uh,

49:20 Evan: I might've said it like three times, but between two and three times, I think. [RTH: Okay.] And then when saying that, the sort of abstract thinking is the more expanded, like just thinking about what my listeners need from my videos, the idea of that.

49:36 RTH: And is that present to you that I'm, I'm explicitly pondering what my viewers need from my podcast?

49:44 Evan: Yes. But again, it's, it's sort of this, not to compare, but it sort of is again just that that that it's like a lingering sense, rather than it being very concrete. I have a sense that that's what I'm doing, but I don't, yeah, it's just, it's just kind of lingering around the, the experiences, that I'm thinking about what my listeners need for my videos.

50:13 RTH: So is it the case that I am *both* trying to figure out what my, I'm trying, I'm working on what my listeners need and, and that's explicitly present to me; *and at the same time* I am saying they need, they need, they need. And those are might very well be related

to each other (probably are related to each other. [Evan: Definitely.]) but it, but it's not just, it wouldn't be fair to say: I am saying to myself "they need, they need," and that's it, but it's, "they need, they need" *and* I am thinking about what my visitor, what my viewers need.

50:55 Evan: Yes. Yeah, exactly. But for some reason none of the contents of that thinking was accessible to me in the moment of the beep. It was just those words and the general sense that is what I was thinking about.

51:19 RTH: Okay. Then I think I'm good.

51:22 Evan: It's interesting to me just how quite, not just how variable experiences can be, obviously, but just how the quantity of an experience in one moment can be just massive and then a quantity and another experience can be just nothing compared to it. So that you, you moment to moment not only varies in content, but just the amount of experience massively varies as well.

### CONVERSATION AFTER SAMPLES

51:45 RTH: Right. I think that's true. So we have done seven days. Do we wanna do more days or do we want to have a conversational day as our next scheduled deal?

51:59 Evan: I kind of want to do still a day. I haven't been able to do a weekend, and I kind of just have a bunch of activities that I wanna do. So it won't be like I want to try out different things. Like I want to do one with me doing mental arithmetic, cuz I'm curious about what the hell's actually going on on my mind when I'm doing mental arithmetic. So there's like a couple of things that I just have in my mind that I'm curious what the experience will be. [RTH: Okay.] Um, so maybe one, maybe one more that's if user or could do one more, but, and I can even do it next. We could do, I could do the beeps this weekend and we could do Monday or something. A few are available on Monday.

52:38 RTH: So Monday. What time do we generally do? Uh, I, I teach on Monday morning, so I could do 10:30 or 11 o'clock my time, which is, we did 11 o'clock today, so I could do the same time today at the same time as we did today. I could do on Monday. Monday the 22nd.

53:03 Evan: Yeah. So is Tuesday better or is it worse for you?

53:06 RTH: Monday's better, actually.

53:07 Evan: Monday's better. Yeah, I can, I can do that. And I'd like to get some beeps on a Sunday just doing random things for curiosity's sake.

53:15 RTH: That work for you Gualtiero? That would be one o'clock,

53:18 GP: 90% yes. Okay. Let's give it a try.

- 53:23 RTH: All right, so, so this Monday, Monday the 22nd. Same time as today. Same time as today.
- 53:32 Evan: Yeah.
- 53:32 RTH: Which is 11 o'clock for GU er *one* o'clock for GU. Think. Okay. All right. Sounds like a plan and then.. Well I guess we'll see what happens on that then when we may decide that that'll be the last one. Or maybe that'll raise some other questions and we wanna, wanna go forwards.
- 53:58 Evan: Yeah, I think, I think we'll be, we'll be good from there. There's just a couple of activities that I'm curious. I wanna play piano, just do a few things because I, I, I worked too much so I just kind of ended up in that being all of them are, all of the beeps are working and I don't really have much, I want to get more variance in experience and every week I say I'm gonna do it, but then I had just end up working a lot. So I'm gonna try on Sunday to just have a bunch of random activities and try get a couple of beeps for each. I might even do more than six beeps and we just see, have a bit of fun with it, but, okay.
- 54:27 RTH: So I think, I think you're skilled enough to know that the, that that we can vary the procedure. We don't have to be a purist about the procedure.
- 54:37 Evan: Yeah.
- 54:38 RTH: I think you've got the logic of what we're trying to get at here and uh, we can go explore based on that. We'll see where, see where it takes us.
- 54:38 Russ comments: By the "logic," RTH means that he thinks that Evan has developed an appreciation for what is (and is not) the moment of the beep, for what is experience (and is not experience), and, perhaps most importantly, has seemed to prefer to grasp what he *actually* experiences rather than to try to verify some self-theory of his experience. If all that is true, then I am happy to vary procedures to attempt to explore his particular interests.
- 54:49 Evan: Yeah, it sounds good.
- 54:50 RTH: And then, and then do you all want me to send you, you wanna see the website that I'm working on? Or do you wanna wait until it's done? That'd be useful to you to see what the website would look like? Or would that corrupt your thinking or whatever?
- 55:07 Evan: I it's a good, it's a good question. I guess, I guess what I'd ask you is would it be entertaining content to reveal that live on a podcast and we go through it together live? Would that not be entertaining? Would it be more entertaining and more interesting to, for me to go through it, fully prepare questions and then go into it? I, I, I don't really know what's on the website, so I'd be curious from a, from a content perspective, what you think would be more, most engaging, most interesting.

55:34 RTH: Well, why don't I not, I *won't* send you the website, but I will, you should go and take a look at the Mel or Kerry or some recent website on my, on my site and it's gonna look like that....

55:34 Russ comments: RTH refers to Parts X and XI of <https://hurlburt.faculty.unlv.edu/ieo/ieo.html>

55:49 Evan: Okay. Perfect.

55:50 RTH: ...except, except that the experiences are gonna be *your* experiences as opposed to Mel's or Kerry's or somebody else's.

55:57 Evan: That makes sense.

55:58 RTH: You know which website I'm talking about?

56:00 Evan: Yeah. Could you, could you drop me the link either here or in an email? I sometimes do struggle to find your website. I've looked a few times and then.

56:07 RTH: I'll, I'll send you the link.

56:09 Evan: Yeah. Thank you. That'd be great. That sounds good. And then after that I might have a, a clearer idea of exactly how I want, we'll want this podcast to, to go from a dramatic reveal might be interesting, or it might not be. I, I don't really know yet.

56:27 RTH: I'll leave that up to you so you can figure that out.

56:32 Evan: Sounds good.

56:33 RTH: All right. So we will see each other on Monday at 11 and I will send a calendar link shortly and ...Gualtierio has something to say

56:42 GP: Just for us. Uh, thanks for your emails. I will respond as soon as I have time to think about them a little more. Um, and I probably owe you other response to other things, but it's been a busy semester.

56:42 Russ comments: GP refers to Gualtierio's own sampling, which (sooner or later) will become a Part of the website. So far Gualtierio and I have completed eight sampling days; we suspended that effort to focus on the sampling with Evan. The emails GP refers to are issues that arose in that sampling. Our intention is to return to sample a couple more times with Gualtierio, and then doubtless we will make those emails public on the Gualtierio Part.

56:57 RTH: Okay.

56:59 Evan: Teaching's going well. You said you were just, you were,

57:01 GP: It's going well, but it's two new preps, y'know, it's all new material so I have to read it carefully. So just for that, there's a lot to do. Yeah. And everything else, y'know, and I have a kid and I'm kind of a single dad, so,

57:15 RTH: Well, I'm, I'm, I'm thinking that, that you and, Gualtierio and I have a, an interesting conversation to have and sooner or later we'll have it and, uh, I don't think we need to rush it.

57:28 GP: All right? Yes. Thank you.

57:29 RTH: Alrighty.

57:31 Evan: Bye. Have a great weekend, gents. Relax. Chill. See you.

57:32 RTH: See you.