Participant 15 and TE Study - Cleaned

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Participant 15 02:23
Hey yeah, how are you doing? You? Good? It's been a while.

Livia 02:30
Yeah. Good to see you.

Participant 15 02:34
Yeah, you too.

Livia 02:35
I'm sorry. I just sent you a message and I didn't see you were in the waiting room.

Participant 15 02:40
Yeah, I'll get I thought maybe I clicked the wrong link anyway, so Yeah, glad I found it. And we have a is an AI with us.

Livia 02:53
Yeah, that's an AI with us. That's going to be doing the transcription and okay. And we're also going to be recording the call if that's okay with you. Yeah, that's the file audio. The audio files will be kept recording in progress. Video, be available. And yeah, thank you so much for participating in our study. Very excited to have you contributing and, and to hear all your insights and token engineering and your perceptions from all the time you've been involved in the field. So, as a reminder, the goal of the study is to have a better definition of the term token engineering. And also what are the current practices needs and challenges of those working in the space and what's needed? For the advancement of the field. So you may withdraw from any questions if you like, and from the study as well, at any point we'll have like 45 to 60 minutes and yeah, if you have to have any questions for Mr.

Participant 15 04:13
No, I don't think anything comes to mind. I saw the list of questions and calendar invites. I think those are Yeah, what we'll cover and yeah, sounds like an interesting study and would be excited to see the outputs. Im Glad i get to participate.

Livia 04:34
Yeah, we'll send you the outputs. And as we have it, I'll be presenting the study in Barcelona and Paris. very soon we should have Yeah, a report. Okay. So can you share about your personal journey and how you got involved in your field of work?

Participant 15 04:59
Yeah, so I guess I like before working in crypto or finding token engineering, I was doing like, more or less a regular data analysis, data analytics job, data analytics and business strategy for an E commerce company. And so I have had like a background in economics and maths and was doing data analytic stuff and and then when I got hooked on crypto or decided that I wanted to, like spend my full time actually working in crypto, I was basically trying to figure out like, what I could do like what skills did I have, like where did my interests align with work that would like be able to earn some income. And I found token engineering, just by like, searching and Googling around for like economics in blockchain or? Yeah, that was probably the biggest like, the the main search would just be like, where, like, where's the economics research happening in blockchain? And that's how I came across token engineering. And found like the $name and the name pretty quickly. I guess it's pretty good. Like SEO or branding. If you find token engineering, usually find those two organizations. And yeah, then really just like spent time learning about what token engineering was, and what kind of work there was to do in the field. And yeah, I think maybe we'll get more into that stuff later, but that's really how I found it was just like, I had a background in not like super technical stuff, but like, data analytics, and an interest in economics, and then was just trying to figure out how those interests would overlap with crypto and blockchain stuff. And yeah, ended up finding token engineering. So that's pretty much how I got here.

Livia 07:17
Amazing. And what is your current position?

Participant 15 07:23
Well, I actually would say that I am currently a student because I'm studying and doing a master's program at the moment, but I do I have worked more hours, like as sort of actually actual token engineering consulting. And then currently I'm still

working, doing like communications work, which is involves helping with the publication and promotion of research related to token engineering. And so I'm still like, involved with the field as like a part time job this very moment. But it's more on the content and communication side of things than actual like doing the token engineering, engineering. But in the past, I have still done a few like discovery phase consulting projects. You know, where the project is sort of in the earlier stage of their token development and design and they're trying to like, understand what it takes to launch what they well they're trying to understand what they want, and then how that translates into a token system. So that's other like token engineering work that I've done in the past, but they are mainly actually a student at this very moment.

Livia 08:50

That's great. how would you define token engineering?

Participant 15 08:56

Actually, like the definition that the name has had for a while, I think it's the design. Design, Development and maintenance of token economic systems is probably pretty close to I think, but yeah, it's for sure specific to like blockchains and token systems, I think is part of what separates it from other engineering disciplines. And why it made sense for it to emerge within this like crypto blockchain space, is because like tokens are the, like main technology, or I guess blockchains combined with tokens are the main technology that like that it focuses on so yeah, I think the like the the phrase of crypto economic systems is an important distinction to make for defining token engineering.

Livia 10:03

I'm curious how you would describe a token

Participant 15 10:13

I would have to think about that. I feel like I mean, there's you don't need a blockchain to make a token like you could. But the benefits of blockchain is like make tokens more useful or valuable. I mean, you could like a company like centralized company, private company could create tokens and like distribute them to their users. But yeah, I don't know if that would make as much. It wouldn't be very wouldn't be as exciting or interesting to design space. So I don't know if that would fall into token engineering. But yeah, I would say something that has to do with at least the tokens that token engineering deals with, I think, would have something like be originated in a blockchain ecosystem would make the most sense. But then yeah, it could be like the NF T's fungible and non fungible stuff. There's a variety of different options, I think.

Livia 11:30

Thank you. Would you say there's a step by step to the token engineering practice?

Participant 15 11:38

Hmm, I think yes and no I think there has been some processes developed so far. From work on projects. And I think the first process that I heard about when I was looking into the field was from $name$, the engineering design process that they outlined. And then I've also seen some resources from like, $CAD labs$, I think, published some diagrams of their token and sharing process outlier ventures have published some stuff so I think that there's like a number of like, rough frameworks or processes for token engineering, but I also think that it's really evolving very fast. And it also depends a lot on like, what the scope of the token engineering work is, like a lot of these processes like the three that are examples that I gave are more like end to end. Where do you start without a token to like, how do you have have get where do you get to and once you've launched a token, and like what's in between there, but there's also like, more maybe nuanced areas of like mechanism design, for example, and mechanism design, it's probably part of that longer process, but mechanism design itself can have its own process, and it's just like sort of zoomed in on this specialization within the field. And mechanism design itself is also not like native to token engineering from other comes from like economics. Traditionally, I think so. Yeah. So like, even that itself has its own process. And, yeah, so I think there are processes that exist, but they're also just changing so fast. So nothing's for sure. Nothing's set in stone.

Livia 13:49

Yes, that's fair. Well, would you can you can you share about your daily work routine. So some examples of tasks, rituals, processes that you handle daily?

Participant 15 14:05

A lot of the work involves, like diagramming and like writing, writing ideas or sort of like putting conversations or context into a into a framework that is like more organized so in meetings with with a client or with a community or whoever you're doing this token engineering for, you are able to like ask questions. And get information from them about the ecosystem. And then you have to sort of like translate that into something that's more tangible. So that could be a diagram or it could be like a hack MD, with a certain outline like a structure based on what you talked about. A lot of it is like just making sense of the conversation. But then there's also some of the work would be more like, right ask specifications, for example, is more math heavy, and would just be on like Hack MDs, and trying to, I guess, again, translate, like the diagrams that you've worked on through the, that came from conversations like translating those diagrams then into a math specification. And so that would be also like in hack MD using markdown or latex or something like that. To like, express those math ideas and then the other type of work that I've done would be on the coding side. So like building CAD, CAD models, or Yeah, other like simulation versions of simulations and stuff. And that's, that's also like that combination of the previous to like a Math spec and

diagrams, you have to kind of like combine those two resources, and then in order to be able to build a model of it, but those are the three main types of work I would have done. Daily, I mean, I guess, yeah, daily is like, each of those steps takes a number of weeks. So daily is, is a lot more like, then you know, you're not able to complete all that in one day. But I guess like daily for the model modeling, for example, would really just be a lot of like, sitting there trying to understand how to translate like the math spec into a mock troubleshooting code and together like in that like in the developer environment. But then, on the diagramming work, for example, that might be like more whiteboarding, and like creative like, thinking that you would do for a day.

Livia 17:18

Yeah, thanks for all the details there. We're also trying to have a consolidate Most of the tools that are used are there you mentioned hack MD and CAD CAD. Are there other tools that you use?

Participant 15 17:35

Yeah, usually a some diagramming tool. Lucid charts is popular. But I've also used Miro and Hack MD is popular, but I've also used Notion. It's kind of like purse, a little bit of personal preference and also like just what do other people use? Because it's not that much different between. Not that like, No, there's not many major differences between like hack MD and Notion. It's like markdown. I mean, there are if you know how to use them, but in general, it's just like a sort of text document like markdown or whatever. And you can format it generally how you want so it's kind of just depends on what other people use that you end up using. But those are probably the biggest. I also first simulation tools I know of [mechanism] and token spice, but I haven't used tokenspice myself. And everyone me like played around with Machinations. So I've haven't actually used it for work stuff. So the most of the tools and then like Google Docs and your typical slack and whatever that you're communicating with awesome. Oh, and then like some project management tool like Asana or JIRA or whatever to track the progress and tasks

Livia 19:05

which areas of knowledge that you consider essential for the token engineering practice?

Participant 15 19:13

Well, I think the like main essential one is like an understanding of maybe I would call it like blockchain topics or crypto Yeah, I like you really have to understand, like we were talking about tokens earlier, like you have to understand like what they are and how they work if you're going to design a system because there's lots and lots and lots of like technical requirements that you would need to know about in terms of like, what's actually possible to make happen, like technically, that you can't really like design a system outside of those bounds, because it wouldn't be possible to actually implement and if we are building crypto economic systems, then that's like a pretty essential piece of knowledge is to like understand what, how crypto works like. Yeah, what's possible with tokens and how blockchains work, like the infrastructure that you would use to design the project. It's probably like the most essential part besides that, like, I know, there's the the flower, the crypto economic flower of all the fields that touched crypto or touched token engineering. And like, I guess you could argue that any one of those are essential, but it really depends on the type of work that you're doing. Like if you are trying to build a model then like and run simulations, then the essential knowledge is going to be like programming and development like computer development work, software development work. But if you're just like, if you're trying to design a mechanism, then the essential knowledge would be like, maybe around mechanism design from traditional economic field or yeah, just the essential knowledge would change but I feel like the overlapping the central knowledge is really like about token economics system, like the infrastructure blockchains and stuff. So yeah, that'd be my answer.

Livia 21:36

Thank you. Yeah, that was surprisingly something that not many people mentioned, even though it was like such an integral part.

Participant 15 21:44

Yeah.

Livia 21:46

Now moving to challenges in needs. What do you think are the challenges what what are the challenges that you faced, mostly personally,

Participant 15 21:57

your work? Challenges? Well, I think there's like always Well, for me, I guess there's been skills that I haven't had, which is partially why I'm like, going back to school and also doing like a lot of my own self studying on the side. And it's not that I like, couldn't participate or add value as a token engineer without the skills, but it's mostly that I like the type of work that I wanted to do, that I found most interesting and like, was excited about required skills that I didn't have yet. So that was, I guess, one challenge. And, yeah, I mean, the other. I guess another challenge would just be that there is like, not it's just so early in this field and like doing this kind of work, that there's no like, guidance about I mean, whether whether I'm referring to like the actual project and the work that you're doing, like there's really no answer. There's like you have to just go through the experience of token engineering and see what happens. But then also like from the in the field overall, like there is no like guidance about what knowledge you need to like do token engineering, there's no like, career path, or like yeah, none of

this stuff is like actually like explained anywhere because it's just like really new and like not many people are going through the this career path. And so it's harder to there's less like structure and like yeah, there's less structure answers about like, what? Yeah, what you need to know, versus like, the jobs that would be available into the future, stuff like this. So there are challenges but there's not necessarily like really into them yet. It takes time, I guess.

Livia 24:20

Do you mind sharing what were the skills you thought you didn't have? And what is the area I'm most excited about?

Participant 15 24:27

Yeah, it's like in general modeling and simulations, work. And so the skills that I didn't have was basically a programming experience. And and yeah, like more knowledge about how to build and run, like, giant simulations like massive, massive models with lots of pieces and lots of data and processing needed. And so I've been able to like learn a few programming languages and the master's program that I'm taking as scientific computing masters. So it's just all about like, implementing mathematical models in with with computers, so like running simulations, and how to use the computer hardware effectively in order to run these giant simulation. Learning about like, yeah, like some specifics of the hardware and like parallelization of the code and how this affects performance and stuff like that. And then, on top of that, it's just also a lot of like, I guess engineering, or Yeah, engineering and math. fields of studies or areas like topic areas about like optimization algorithms, or control theory, or yeah, just kind of like different fields within the math And sciences and engineering world that are important for building models and running simulations of these economic systems. So those are like, Yeah, that's the type of stuff that I'm interested in. And I'm trying to learn more about

Livia 26:46

I'm curious, how did you Was there a moment that you understood, like, oh, I need a those fields, like, was there a point that like, I need to learn control theory, I need to learn, like, because you're being specific from wanting to use that in your practice. How did you find out if that wasn't like clearly available?

Participant 15 27:14

Yeah, it's been like at points. It was pretty obvious to tell that I like couldn't do modeling and simulations work without like, knowing more about yeah, having more programming experience and like understanding how mathematical models work in computers. So that's like, a pretty like clear distinction. So I was able to look more as like and then it's like, okay, well, how do I learn those skills? You could either like do it on your own self studying and like, just go down the rabbit hole and try and learn a few programming languages and see what topics you stumbled upon. Or I also had the opportunity to see what masters programs are available and then I basically had heard like, someone mentioned that scientific computing as like a general topic was a decent skill set, or like, encompass like a decent skill set for token engineering work that required modeling and simulations and then so I just like had this scientific computing word in my head from some point and then when I was looking into that there was one for that topic. And then I started researching it more and scientific computing, very, it's applicable to more fields than just token engineering, obviously. And so the program I'm taking is not specific to like the work that I'm doing. But it's for sure, like applicable skills for any for running models and simulating any type of system. So I guess I like picked this program because it has, it has the the obvious like I need programming experience, and I need some knowledge of how to implement like mathematical models in computers. And those are two topics that the program covers. But then also, like I had heard that scientific computing would probably be from someone I guess who had done done a program or a similar program before. And they thought I prepared them well for it. So that's how I ended up in the scientific computing world. And then I think, control theory, that example that just happened to last I guess that was offered as part of my program. It wasn't it's not like a mandatory class for the program, but it was just offered and it counts towards credit. And obviously, I'd like control theory is one of the more common fields that's overlapped with token engineering Topics, So I took that class. But there wasn't like a moment while I was doing work, where I was like, Oh, I think I need to know control theory to do this work. It's just that like it had been talked about I knew it had been talked about a lot related to the field. And then while I was doing my program, that opportunity to take the class showed up. So it's a bit of both.

Livia 30:29

Thanks for sharing that. I think it's a good piece of information for people who are joining the field. Awesome.

Participant 15 30:37

Yeah, but I wouldn't say that like, it's also really, I'm finding it really important. And like very essential to like switch back and forth, essentially between studying and working. Because there are things that you'll run into while you're working where you're like, Oh, this is an area that I should focus on more when I'm studying, and then you go back to studying and then you can study those things. But eventually you start to, like, diverge or start to study topics where you're like, I don't know if this is really relevant to what I want to do. So then you can kind of switch back to working and then get a better idea of like, would that topic be relevant or are there other topics that I need? And then kind of go back so that's at least been a really helpful way to approach the like, question of what do I learn it's like, well work a little bit, see what makes the most sense to learn then do that. And then once you've learned that you feel like you're maybe a little too detached from the actual work, then come back and start working again. Yeah, moving forward like that. So that's just another strategy that's helped.

Livia 31:50

Awesome. And in your practice of the times you were working with it, how do you see what do you see are the most common pitfalls when practicing token engineering?

Participant 15 32:05
Like in terms of doing the actual work, like pitfalls for projects, or like pitfalls for a token engineer that's trying to like come or someone that's trying to become a token engineer?

Livia 32:21
Yeah, maybe more directed. to project to the practice itself?

Participant 15 32:27
Yeah. Well, I think like, in all the industries for forever with engineering, there's always been like this tension between engineering and business. And like, what do we implement versus or like, what have we validated enough? And like engineered enough? Versus like, what do we need to implement now? That's not a very good way of explaining it. But like businesses, like we need to push things out. Do things with a business mindset and engineers generally, like slow this down and design it and make sure that we've like validated it, and we know that it will work before we launch or something like that. There's always this like tension, generally between engineering and business. And I think that, for sure is like plays out in with crypto projects because they like are also businesses and generally need to launch their token by a certain date or they need to like yeah, upgrade their, their protocol by a certain date. And when that date is like coming up, you might not have done all of the token engineering work that you should have. But they need to launch something. So they like say, Well, what of this Can we like, can we launch that we have what of what we designed can we launch already and and you know, even if they haven't designed parts of it, they might have to like push it out for business reasons. And so that's, that's for sure. Like attention or like a pitfall I guess that projects fall into, would be pushing things out or like trying to rush the engineering process basically. But there are often like good reasons to do it, like business reasons. But then you might be able to make also make the argument that in this industry, it might be better to, like lean more towards engineering than, like, yeah, lean more towards engineering priorities than business just because once you launch thing on blockchain and it's open and available for people to interact with, you can't take it back. You can't undo a token launch. You can't, you know, these things are like very permanent most of the time, so it's hard to Yeah, it's hard To like, adjust your path once you've launched a token system. So it's can be a real like pitfall for someone to try and yeah, rush the deadlines for their project for example, and like rush the engineering process. So, yeah, that's kind of like an obvious tension. But it can for sure be a big deal for a project because it can kind of like mean the success the difference between success and failure.

Livia 35:42
Do you see as the most pressing needs for the token engineering field to address?

Participant 15 35:51
I think it would be like, I think resources and education would be the biggest one because yeah, it's just like, really, it's like I was saying about the processes like there are some that exist. Like there are people that know what they're doing, but they're doing is like changing all the time. And so if it was possible to share knowledge, easier, I think that process would just accelerate and there would be more more processes Get refined to the point where like, they're actually good to go. And not changing as quickly they probably still change forever, but like, I think we're is like the field just needs to like get more into a state where like, it's possible to learn token engineering, instead of just like learning other fields and then applying it token engineering. So yeah, I think I think like education, standardizing some sort of like topics to learn and processes to be familiar with would be a huge value add. And then also like, some sort of, like, Library of knowledge, like, what are the resources like what's the best resources for token engineering Topics, like what are there Are there like, is there a library of models like standard models? Is there a library of documentation about what a math spec is and how to build one or how to write one for a mechanism that you're designing? And yeah, so I think those are, those are at least things that I would use a lot.

Livia 38:01
So you see possible for someone to be a native token engineer, like they learned from zero and follow the path of education that is just crafted towards token engineering.

Participant 15 38:16
Yeah, I will. I think it is hard to say that because they're like, there's so much knowledge that is not specific to token engineering that you that you also could you could apply to token engineering so like the scientific computing program as an example, like this program is training people to use or train people to work in, like any industry, from biology to healthcare to economics, or whatever, like you could apply scientific computing skill set to so many different industries. [Bible Gill] says it's a valuable skills and knowledge to be applied in token engineering as well. So it's like sort of you I think there for sure is like, token engineering specific knowledge that you could, like, learn and train yourself on to become a native token engineer, or like a crypto native token engineer, but it would also require still so much knowledge from other non crypto native fields. So it's, yeah, and it's not like we want to or need to, like, take the knowledge from all those and like, put them I don't know, put them under the token engineering umbrella like they can stay where they are, I guess. And you can as a token engineer, just kind of like go to learn them where they are. But then come back to the crypto context to apply them. So yeah, so I think

there's for sure, like crypto native token engineering knowledge that exists. But it's not like the end of the story. I don't think you could be I don't think you could do token engineering just based on that. I think it requires a lot of other knowledge from non crypto native fields. So maybe like the crypto or maybe like the token engineer, or education journey for crypto native token engineer is actually just like pointing to a bunch of other places that are not crypto native, where you can learn skills, and then bring it back to token engineering.

Livia 40:44
Awesome. And we're moving to ethics Now. So then you describe the role of ethics in token engineering.

Participant 15 40:57
Well, I guess like in token engineering, specifically, it's probably ethics is probably more related to like the safety and security of the systems that you're building for the participants of them. And I think a lot of times the systems deal with economic value, and so it's probably about like, designing the systems, so that they are like, not exploitable by engineers or by users. And then I think there's also like, a broader question. Ethics in terms of like, how do you make systems that are like fair and permissionless or you know, whatever your values wherever your values lie on that spectrum. But, yeah, I mean, ethics is also like a important topic for other engineering, which actually don't really know what the like I know there's engineering like societies and and stuff I've heard the story about like I think it was maybe one that name tells about, like the a metal or a ring or something that that civil engineers in Canada get. That's like a symbol of their alignment with some engineering organization. So like, there's a lot of ethics topics that have already like come up in engineering discipline. So I imagine the token engineering one is generally like similar because engineers are designing infrastructure that the public will use. And so that means that they like probably have to be held to some sort of ethical standard. But then obviously, it's just specific to like the crypto economic infrastructure that they're building. So I don't know if the conversation would be that much different for token engineers than other engineering disciplines. But I have to think about that one.

Livia 43:28
Yes, thanks. Thank you for articulating on this trend share that story when we spoke with him.

Participant 15 43:35
I don't remember any of the details. But

Livia 43:39
yeah, the bridge that fell and then I think it was something like that the bridge that fell in the iron from the bridge was turned into a ring. All of the engineers that when they were signing the papers, they would look at that ring and remember it that they were like, yeah, no, that last. I think there was something about the like the the last line before the the last line to protect the public.

Participant 15 44:15
Yeah. Yeah. Is like the design of the system. Like that's the last line of defense.

Livia 44:23
Yeah. Do you have thoughts on how to increase diversity and inclusivity?

Participant 15 44:33
It's probably also along like the education lines. Like access to education, like making it free and permissionless is a probably a big thing because then anybody who wants to is able to like start learning and you know, learn what they have to learn. Or get involved. So that's probably a big way to do it. But then, of course, like, there's still the need for like, you need to have been introduced to web three stuff probably or like you need a computer you need to like there are other like broader questions too, but I think education like access to education materials, probably the biggest one.

Livia 45:28
And in your perspective, what are the incentives to be a practicing token engineer?

Participant 15 45:40
Well, there's like an endless amount. There's an endless amount of like, knowledge that you could learn because of relevant knowledge that you could learn because of all of the different fields that are sort of intersecting in this in the token engineering space, so you can pick any one of them to dive into. And there's like a lifetime of knowledge in any one of them. So to have, like so many, at once is like really endless. So you can just, you're really able to find what interests you and then dive into it, and learn valuable information that you can apply. So it's motivating to have like, I guess the flexibility to learn what you want and have it still be valuable to you. To something that you want to do. So that's definitely motivating. And then I think also just like the, the unknown opportunity is pretty exciting. Like, we don't actually know how any of this stuff is gonna play out. Like the systems that were designing or building are maybe they'll be the, like essential infrastructure of the future or maybe they'll disappear in five years, like you don't really know but you want to find out if you don't try to build it or tries to design it and no matter what, you'll at least learn things along the way. So I think it's cool that the possibilities are everywhere from like, bust to like potentially widely used crypto economic infrastructure. So, yeah, never know what you're gonna find. Yes. And I think also like, I am very happy that the work this field offers like flexibility, I guess. Like generally the work is remote because the companies and projects and industry is also like very distributed around the world. So like in general, it's, you just, yeah, flexible hours flexible location. These things are all like, baked into they're just like assumed

where in other industries Like it might still be a question of whether you have to come into the office or not, but a lot of a lot of it is like I guess for crypto in general, like crypto native roles, is pretty likely to be remote and whatever. But I guess I like that also.

Livia 48:55
And this is something we've been asking everyone to understand the range of salaries being paid in the space so what would you say is the average salary of a token engineer?

Participant 15 49:11
I think it like also really varies depending on the level of expertise of the token engineer. But I, yeah, I mean, I think it could be anywhere from like 50 to like a few 100 Like per hour, as like an hourly rate. But I don't really have much like, data on that myself. So yeah, I don't think I have a good answer.

Livia 49:44
Okay. And what do you wish for the future? How do you see the fields in the next three years?

Participant 15 49:54
Well, one thing that would be really cool to see is, like, standards around creating open source, like token engineering knowledge. So whether that's a model that has like documentation and has been designed, like, by I don't know if the name or something like that, and is accessible to any other project that wants to like use it as a building block in their simulation of their ecosystem. So stuff like that would be really cool. Also, like verified pieces of like, knowledge like publications on certain topics, in like mechanism design process, or Yeah, bonding curves, I think is like another very, like topic, there would be a lot of stuff to write on for these topics, but it's not really like clear where to write. Like how that stuff would be like collected like, is there a I know the name is going on this like Knowledge Commons? And so like, how do you maybe I just don't know much about it and sort of already exists, but like, where do you if you wanted to write something on bonding curves or on the process for mechanism design, or if you wanted to build a standardized like template model, CAD CAD model or something like where would you put that in a way in a place where like other people would find it useful and be able to use it? So I think something is like a sense like a pool of knowledge, like token engineering, topic, knowledge would be really cool. And then I don't know if like, that means you could. Oh, I see. There's a question actually on AI coming up. So maybe boil it but I feel like you could probably train an AI model on the context like a database like that in order to help you do token engineering work a lot more efficiently and all that so I feel like that would be a really, that'd be really awesome progress would be like, Yeah, it's like knowledge pool, open source knowledge pool.

Livia 52:34
So you think AI can help on that?

Participant 15 52:37
Use that. Like, if you wanted to ask if you wanted to, like build a model and run simulations with like using a natural language interface. You would have to, like the AI would need it would need to like start from somewhere it would need model like template models that were already, like verified and designed and validated. And it would need like information about how to combine like a conviction voting mechanism with bonding curve or something like that. And yeah, so I think with like this pool, of knowledge that the that in that we could train AI models on I think it would make mean that token engineers and like, people from outside the field too could ask questions and get very good specific answers about token engineering. So it's maybe not that AI would help with the content creation. Maybe it could, at some point, but I think it at least would be able to use it like it would be able to use that data.

Livia 54:00
Do you see yourself involved in this process of the evolution of how AI and token engineering are integrated?

Participant 15 54:10
Well, I'm definitely interested and curious about it. I I like wouldn't say it's a priority of mine at this moment. But maybe in the future, I would have more like when I have more time to commit to it. I like might start looking at it more specifically but I would love to help if it's like if I find a good way to do it, I would for sure help because I think there's a lot of like leverage that we could get from Ai you know, if you're able to build a model or like train them on data that can then that that AI can help other people, more people do token engineering type work, then that's like, adds a lot of value to be able to expand the boundaries of like, increase the number of people who are able to do this type of work, or at least learn about it or whatever. So I think there's a lot of leverage that you can get from AI that would be totally worth contributing to if the opportunity came so yeah, I would definitely be interested in it.

Livia 55:33
Nice. And lastly, whose work do you admire in the token engineering space?

Participant 15 55:43
For your question Well, I think that there are some I mean, $name$ is obviously like a really well known. They put out a lot of content and like research publications and have worked a lot with the $name$ and the collaborations that they've done on like educational programs. So the research groups and yeah, like there were a few research groups like a year or so ago, whatever like stuff like that. I think these like open science initiatives are really important work that I admire people

contributing to the name when well, I bring them up I have to obviously mentioned they do a lot of work creating education opportunities that I was talking about that I think are super important. So for sure that the academy and even then, like I think work that $name$ does is super interesting. The types of simulation it's like they they do a lot of Yeah, intense modeling and simulations, mostly in like the deFi space. So I think some of their work is really exciting I like watching the name $name$ has, I think done. They've done a token engineering for a long time. So because I mean, I know like in like many years ago, $name$ was already like, what the one talking about the token engineering discipline. And while he was kind of like coming up with that as he was doing token engineering for name, and so I think it's always cool to see what changes the name Does like makes to their protocol and how they, how they approach it. So I think it's yeah, it's been interesting to follow name. And then the other project that I also really admire their token engineering approach is $name$. And yeah, they're also just very thorough. They do a lot of modeling and simulation of the proposals that they're debating in their community, and different parameters and stuff that they're talking about setting so I think filecoin also does a really good job of like they've bought into the engineering process and methodology and use it like they, they use it to make decisions on their protocol. Often so. So that's been another project. And that I think, has like shown as a good example, at least in the token engineering space.

Livia 58:58

Amazing. Well, those are all the questions we have.

Participant 15 59:03

Awesome. Wow, perfect.

Livia 59:06

Timing. Thank you so much. Pleasure to listen to you.

Participant 15 59:13

Yeah, of course. Thanks for recommending me. Sorry, I missed your first message. On telegram but and so when when is the you said you're presenting this in Paris?

Livia 59:27

Yeah, we're in the analysis process already. I know we shouldn't be. We should have an analysis report by the mid end of July. Okay. Cool. Awesome.

Participant 15 59:45

Thank you. Hear the results?

Livia 59:48

Yeah, have a good weekend. Yep, by the way. Bye bye.