

# 2022-12-15 AIM TF Meeting Notes

## Meeting Date & Time

- 15 Dec 2022
  - 09:00-10:00 PT / 16:00-17:00 UTC

## Zoom Meeting Links / Recordings

**Meeting:** <https://zoom.us/j/97604264531?pwd=NXB3S2d6bldidVVjVFIYVmpwallBZz09>

**Recording:**

## Attendees

- [Wenjing Chu](#)
- [Zaïda Rivai](#)
- [Sandy Aggarwal](#)
- @Callum (BC)

## Main Goal of this Meeting

This is the AIM TF's #13 meeting.

Our main goal is to have individual member presentations on what problems/challenges they see in AI & Metaverse related to trust.

Starting in the new year, we plan to start drafting white papers which are the first deliverables of the task force.

## Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
5 min	<ul style="list-style-type: none"><li>• Start recording</li><li>• Welcome &amp; antitrust notice</li><li>• Introduction of new members</li><li>• Agenda review</li></ul>	Chair	<ul style="list-style-type: none"><li>• <b>Antitrust Policy Notice:</b> Attendees are reminded to adhere to the meeting agenda and not participate in activities prohibited under antitrust and competition laws.</li><li>• <b>ToIP Policy:</b> Only members of ToIP who have signed the necessary agreements are permitted to participate in this activity beyond an observer role.</li><li>• <b>ToIP TSWG IPR Policy:</b> see TF wiki page. <a href="#">AI &amp; Metaverse Technology Task Force</a></li></ul>
5 mins	<ul style="list-style-type: none"><li>• Introduction of new members</li><li>• Recap of last week's meeting</li><li>• Status update on action items</li><li>• Any general announcement, news, that could be of interest to the TF</li></ul>	ALL	<ul style="list-style-type: none"><li>• LF Open Source in Financial Services (OSFF) (<a href="#">Wenjing Chu</a>)</li></ul>

15 mins	<ul style="list-style-type: none"> <li>NeurIPS, White House responsible AI blueprint, &amp; ChatGPT</li> </ul>	Wenjing Chu	<ul style="list-style-type: none"> <li>Share some of highlights from 2022 NeurIPS conference (both in person and online)</li> <li>The White House AI blueprint: <a href="https://www.whitehouse.gov/wp-content/uploads/2022/10/Blueprint-for-an-AI-Bill-of-Rights.pdf">https://www.whitehouse.gov/wp-content/uploads/2022/10/Blueprint-for-an-AI-Bill-of-Rights.pdf</a></li> <li>Share thoughts on the latest ChatGPT</li> </ul>
30 mins	Planning discussion: Recaps of what we have accomplished in 2022 and planing goals for 2023	All	<ol style="list-style-type: none"> <li>Holiday Schedule: Dec 1, Dec 15, <del>Jan 12</del>, Jan 19, then every other week from there. <a href="#">Elisa Trevino</a> will be resetting the community calendar during the holiday break. Please remember to update your own calendar (if yours doesn't auto sync).</li> <li>Continue to call for additional presentations to survey the challenges posed by AI and Metaverse to Trust and ideas towards solutions.</li> <li>White paper #1 - The Challenges of AI and Metaverse to Trust on Internet. Call for contributors.</li> <li>White paper #2 - New design principles to ToIP. Call for contributors.</li> <li>Report to TSWG next week - I missed it again. Will have to make it up next time.</li> </ol> <p><a href="#">Wenjing Chu</a> : see slide here:</p> <p><b>Zaida:</b> wrap up presentations and put in Miro and see what we want to see.</p> <p><b>Callum:</b> Didn't do a presentation, but would be willing to do one.</p> <p><b>Sandy:</b> Are we just going to do standards, or can we collaborate? Or is this just for fun? How much are we going to bring?</p> <p>Is our task to be coming up with standards, what are the others doing? What exactly is the purpose of our group? Are we also establishing ourselves as a standards helping body? What is the role that we are going to play? Pulls notes on research on this.</p> <p>What is the current spanning on the metaverse today? Do anything of those relate to AI and Metaverse.</p> <p><b>Callum:</b> documented deliverable what it means for the future</p> <p><b>Sandy:</b> Maybe we should bring in industry experts? In the overarching eco-system where do we sit? Part of ToIP and Linux foundation. We are focused in the Metaverse.</p> <p><b>Wenjing:</b> Maybe we should rethink, but originally it was set up to do two things: 1) Exploration, to get as wide and diverse and collect as many opinions as possible. We wanted to collect from experts what kind of new problems/challenges you could think of like ToIP mission or 4 layer architecture. What is the problem with the AI and Metaverse applications oppose. What problems are out there? 2) Write down recommendations, how do we recommend to the individuals to deal with these problems.</p> <p>The presentation I made was done on the observation both Metaverse and AI made the Decentralised Identity (identifier) kind of obsolete, because these identities are handled in some way. Your body has plenty of information, which you cannot hide. Therefore, those issues in the current architecture pretend these issues do not exist. This would be one example. Some were more academic. Current AI systems with Metaverse setup, what can they find out about you. What do people need in order to feel trustable? Lot of academic research done already today that answer this question of how to solve this.</p> <p>The white house presented a set of principles.</p> <p>Next year: come back to wrap up and see what we actually want to deliver. And then we are going to summarise these challenges that are relevant and a second thing we want to deliver is a recommendation. In ToIP this can be done in two stages, high level: where do we want to be or come up with a few principles (would be very high level). We could add some principles to the list of 17 principles or write more specific recommendations. In case of the latter, which could be a technical specification, protocol, government specification, but those take much longer. It was suggested to be open and much better.</p> <p><b>Sandy:</b> We can say "identity in the context of AI and Metaverse" if we talk about "AI and Metaverse" thats too big, we are actually talking about "How does AI come into play" We need to come up with a definition of what we want to focus on.</p> <p><b>Wenjing:</b> We are not doing AI nor metaverse, we are doing ToIP. We have a picture that ToIP is proposing and the question is, if you propose a future environment, what is the stack going to look like? We want to create a trustworthy environment. Today, we are focusing on existing services. We may or may not update this stack in order to support the future emerging services. And we take AI and Metaverse as two focus points. There is a lot of work we can jump into. How to create identity? Digital assets? Avatars? AI powered agents? These could be more concrete directions to go to, it is a possibility. If this is a more productive way of jumping into something, we could absolutely switch our direction here.</p> <p><b>Sandy:</b> Will do a paper and will share a link.</p> <p><b>Wenjing:</b> There are multiple things. 1) What data to disclose, what not. If I provide content, how do I want to get paid. You need a lot of things, like biometrics, that needs a lot about me. But its much bigger than just biometrics, they know a lot more. 2) Agents: describe environments and come up how we manage.</p> <p><b>Sandy:</b> how are AI agents use today by for example, games. Microsoft has the working Metaverse platform Mesh. Meta when it came in didn't have legs, because it is somehow very difficult. They were using AI to create legs. How is AI going to be used? In terms of speech? Chatbots? Visuals? And how do these come to play? Is the goal of our TF to come up with a recommendation in the design principles? Then we need to know what the shortcomings are. What are the challenges. Then we can say, because we know these challenges (like the leg-problem) then we need to know what to fix. Might know some people that are specialised in the AI side, that know these problems.</p> <p>Some proposed action items:</p> <ul style="list-style-type: none"> <li>Sandy will help invite experts who have deployed metaverse-like systems, e.g. games, to share with us issues they face.</li> <li>Sandy is also working on a paper in the Hyperledger - will share a link and invite us to contribute.</li> <li>Wenjing will write up a context/scenario as a proposal for the TF to discuss in the new year - in order to answer the question: what is the intersection of ToIP and AI &amp; Metaverse looks like - what problems we can focus on to solve.</li> </ul>

5 m ins	<ul style="list-style-type: none"><li>• Review decisions /action items</li><li>• Planning for next meeting</li><li>• AOB</li></ul>	C h a i rs	<p>Call for action: Volunteers as main authors of white paper #1 and #2</p> <p>Call for action: Continue to call for surveys/discussions of challenges in AI &amp; Metaverse related to trust.</p>
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