2022-12-01 AIM TF Meeting Notes

Meeting Date & Time

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

Zoom Meeting Links / Recordings

Meeting: https://zoom.us/j/97604264531?pwd=NXB3S2d6bldidVVjVFlYVmpwallBZz09

Recording:https://zoom.us/rec/share/P02_bzdkSEt3X08_baUH551T46l3HRrfZp0qPqcTUZLZBDAbeMIENg3MPrYmFq43.TRfJ10JF8xZCg8Bl?startTime=1669913944000

Attendees

- Wenjing Chu
- Zaïda Rivai
- Sandy Aggarwal
- Sumabala Nair

Main Goal of this Meeting

This is the AIM TF's #12 meeting.

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

Agenda Items and Notes (including all relevant links)

Time	Agenda Item	Lead	Notes
5 min	- Start recording - Welcome & antitrust notice - Introduction of new members - Agenda review	Chairs	**Antitrust Policy Notice:** *Attendees are reminded to adhere to the meeting agenda and not participate in activities prohibited under antitrust and competition laws.* **ToIP Policy***: Only members of ToIP who have signed the necessary agreements are permitted to participate in this activity beyond an observer role.* **ToIP TSWG IPR Policy:** *see TF wiki page.* AI & Metaverse Technology Task Force

1 5 m ins	• Intr odu ctio n of new me mb ers • Rec ap of last wee k's me eting • Stat us upd ate on acti on ite ms • Any gen eral ann oun ce me nt, new s, that coul d be of inte rest to the TF	All Wen jin g C hu Z aï da Ri vai N eil T ho m son ...	• IIW sharing of information from all attendants (Zaïda Rivai Neil Thomson Wenjing Chu) • LF Member Summit and OpenWallet Foundation sharing of information from attendants (Wenjing Chu) • LF ONE Conference (Wenjing Chu) • LF Metaverse (Wenjing Chu) • NeurIPS & White House blueprint (Wenjing Chu)
1 5 m ins	Sandy will follow up with additiona l info on DIDs and virtual character s.	S an dy A gg ar wal	▪ Sandy Aggarwal : metaverse is not just entering a virtual but also for virtual entity to enter the real world (like in film Her). Check out Virbela - which provides virtual "spaces", e.g. meeting rooms, companies,... this is an example of a closed ecosystem where identity is easier to prove /verify. KYC is harder to achieve in an open ecosystem. A new character in a virtual world needs to be registered in a (regulated) ecosystem - and be associated with a human entity. ▪ Wenjing Chu : how do we delineate where the virtual character begins/ends? who is responsible for the bad behavior of the character? ▪ Zaïda Rivai : anchoring a virtual character with a real human entity. ▪ Sandy Aggarwal : in financial industry, a CEO can't say you are not responsible for the company's behavior. ▪ CMO - ▪ Hybrid - known id, unknown id, a mix of both ▪ Sandy Aggarwal is putting together a team in hyperledger (using ACAPy) to develop a POC. https://wiki.hyperledger.org/display/MESIG /MESIG+-+Gaming+Subgroup ▪ This is great discussion but we ran out of time - we will continue on this topic at the next meeting. "I did think about this idea of assigning DIDs to virtual characters and I can explain that in our next meeting." The main point made here was that for social communities and society to flourish in the Metaverse, we'll need to have the identity working right. The question now becomes how to authenticate an entity (which could be an avatar owned by a person, an AI generated Avatar, such as Samantha in the movie "Her" or an IOT based persona). One option is to have the virtual world register this entity on some sort of a trust registry (audited under governance rules) every time a new avatar is spawned but that brings the question of who can be trusted to assign a VC to these newly spawned avatars (or entities). The bottom line then becomes how to ensure that each avatar can be authenticated not only by the underlying ecosystem but also by other avatars. If we need to allow avatar to avatar payments, an avatar should be able to identify and authenticate other avatars without having to go through the underlying system. This brings us to avatar owned wallets. For this process to work, each entity in the Metaverse must be human verifiable, meaning that there has to be a human behind each entity (as of course posited by you) to prevent anarchy in the Metaverse. Slide deck attached for reference

20 mins	Planning: Goals for 2023	ALL	1. Holiday Schedule: Dec 1, Dec 15, Jan 12, then every other week from there. 2. Additional presentations to survey the challenges posed by AI and Metaverse to Trust and ideas towards solutions. 3. White paper #1 - The Challenges of AI and Metaverse to Trust on Internet 4. White paper #2 - New design principles to ToIP 5. Report to TSWG next week Wenjing Chu : see slide here:
5 mins	• Review decisions /action items • Planning for next meeting • AOB	Chairs	Call for action: Volunteers as main authors of white paper #1 and #2 Call for action: Continue to call for surveys/discussions of challenges in AI & Metaverse related to trust.