

**IEEE SSIT Standards Committee**

**Meeting #69 Meeting Notes**

**Thursday, 15<sup>th</sup> August 2024**

**20:30 – 22:00 (UTC)**

**Location: Electronic Meeting.**

Meeting chaired by Ruth Lewis, meeting notes by Peter Reid

## 1 CALL TO ORDER

The meeting was called to order at 20:35 (UTC).

## 2 ROLL CALL AND DISCLOSURE OF AFFILIATION

Roll call and disclosure of affiliation. A roll call was made, and the meeting did not have a quorum, 7 of 15 voting members were present, see attendance list at end of minutes. The meeting proceeded as an information session.

## 3 AGENDA

~~Moved \_\_\_\_\_, seconded \_\_\_\_\_, that the agenda as distributed, be approved, \_\_\_\_\_.~~

## 4 POLICY NOTIFICATIONS

Links distributed with the agenda and brought to the attention of the meeting participants.

### 4.1 Participant Behavior

Meeting participants are reminded that participant behavior shall comply with the requirements, [IEEE SA Participant-Behavior-Individual-Method](#), distributed with the agenda.

### 4.2 IEEE SA Patent Policy.

If anyone in this meeting believes that one or more claims in issued patent(s) or pending patent application(s) might be an [Essential Patent Claims](#), that fact should be made known to the entire working group and duly recorded in the minutes of the working group meeting.

### 4.3 IEEE SA Copyright Policy

Meeting participants are reminded that all material submitted during the meeting is a Contribution and is subject to the IEEE SA copyright policy as per [IEEE SA Copyright Policy](#), distributed with the agenda.

## 5 APPROVAL OF MINUTES OF PREVIOUS MEETING

~~Moved \_\_\_\_\_, seconded \_\_\_\_\_, that the minutes of meeting #68 of 18<sup>th</sup> July 2024 be approved, \_\_\_\_\_.~~

## 6 PAR FOR APPROVAL

PAR P7019 *Standard for the Implementation and Governance of Autonomous and Intelligent Systems (AIS) Within the Practice of Earth Law*. Chair, Ruth L, introduced Andre Une to the meeting. Each SC member provided a summary of their SC involvement.

Andre U provide background information on the PAR. As the meeting did not have a quorum, eBallot will be held to approve the PAR, [Project Manager, Christy B, to organize](#). [Andre U to submit the PAR to NesCom via myProject before August 16<sup>th</sup> cutoff](#).

## 7 WORKING GROUP REPORTS

### 7.1 P2895 – Standard Taxonomy for Responsible Trading of Human Generated Data

Report was distributed prior to the meeting.

### 7.2 P7012 – Standard for Machine Readable Personal Privacy Terms

Report was distributed prior to the meeting. The SC was advised that final permission letter had been received.

### 7.3 P7016.1 – Standard for Ethically Aligned Educational Metadata in Extended Reality (XR) & Metaverse

Report was distributed prior to the meeting.

### 7.4 P7017 - Recommended Practice for Design-Centered Human-Robot Interaction (HRI) and Governance

The report will be presented to the September meeting.

### 7.5 PAR Extension required

**PAR P2890** Recommended Practice for Provenance of Indigenous Peoples' Data to go to ballot in the next month. Application for extension has been made.

## 8 OTHER PAR ACTIVITIES

### 8.1 IEEE SA Foundational Technology (FT) – Metaverse Sub-Group

Activities are being undertaken to determine SSIT/SC role in the metaverse, with particular reference to digital humans and associated PARs P3079.3.1 *Standard for Service Application Programming Interfaces (APIs) for Digital Human Authoring and Visualization* and P3079.3.2 *Standard for a Framework for Privacy Protection through Identifiability Management Arising from Avatar Interaction*.

### 8.2 Other Standards Committees

Chair, Ruth L, reported that a meeting between SSIT-SC and Computer Society's Artificial Intelligence Standards Committee (C/AISC) was held on Friday 2<sup>nd</sup> February AEDT. Chair, Ruth L, and Project Manager, Christy B, agreed that a follow up meeting is required. **Project Manager, Christy B, has this in hand.**

### 8.3 PAR P3422 - Recommended Practice for Metaverse Ecosystem Reference Models

If SSIT/SC is to become a co-standards committee for PAR P3422 (C/SABSC) then an SSIT/SC member will need to volunteer to be become the liaison person. Program Manager, Christy B, report that the WG is interested in SSIT/SC becoming a co-standard committee and has request that SSIT/SC present to the WG. **Action: Project Manager, Christy B, to arrange a meeting between SSIT/SC and C/SABSC.**

## 9 LIAISONS

### 9.1 IC22-006-01 Best Practice Guide to Developing Ethically Aligned Standards

Chair, Ruth L, reported that there has been no outcome on grant application to attend ISTAS24. A virtual presentation is being prepared for delivery at ISTAS24. A meeting will be held in the next two weeks to finalize the presentation.

### 9.2 Dignity, Inclusion, Identity, Trust, and Agency (DIITA)

The last meeting was held on July 25<sup>th</sup> AEST.

- DIITA wishes to restart PAR P2843 (CTS/ETSC) Standard for Measuring Accessibility Experience and Compliance
  - *Scope* - test evaluate and measures accessibility user experience.
  - *Technologies covered* - Mobile apps, websites, Medical Devices; Consumer Technologies (Entertainment & Home appliances); emerging immersive devices (AR/VR/XR).
  - *Methodology* - Native Users involved for evaluation & testing. People of different abilities incl. elderly/aging.
- Age Tech Industry Connections program is in development.

Next meeting is scheduled for 10 am August 29<sup>th</sup> AEST.

### 9.3 Smart Villages and Smart Cities Liaison

Official notification that following liaison officers, Arsalan Abtahi - standards work, Angelo F - Smart Cities, and David G - Smart Villages have been approved has not been received. Chair, Ruth L, reported that formal confirmation has not been received. **Chair, Ruth L, to follow up BoG President to provide introductions to IEEE Smart Cities and Smart Villages initiatives.**

## 9.4 IEEE AI Coalition

Chair, Ruth L, has become the de facto SA representative. She will attend the meeting until better arrangements are made.

## 10 BUSINESS ARISING FROM PREVIOUS MEETINGS

### 10.1 SSIT BoG Budget Submission

Chair, Ruth L, reported that there has been no feedback on budget submission.

### 10.2 Transactions on Privacy

Angelo F reported on his discussions with the inaugural Editor-in-Chief, Christopher W. Clifton from Purdue University, to see if the broader social aspects of privacy will be covered by the Transaction. The outcome of which was: For SSIT to become a co-sponsor of Transaction on Privacy the following actions are needed:

- Confirm SSIT interest. – DONE
- Get President Kun's SSIT approval (internal process). **Action:** Chair, Ruth L, to follow up if this request has passed BoG.
- Assign an AE (Associate Editor) 2-year term (renewable once)
- Getting Computer Society Approval (internal governance)
- AE becomes a non-voting member of the committee.

### 10.3 NIST AI Safety Consortium

Vice-Chair, Karen B, provide the following report:

Milestone: 270-day mark and beyond - release(s) of new guidance and software to help improve the safety, security and trustworthiness of AI systems.

- 1) AI Safety Institute working group is accepting comments from the public on the draft *Managing the Misuse Risk for Dual-Use Foundation Models* until Sept. 9, 2024, at 11:59 PM Eastern Time. Comments can be submitted electronically to [NISTAI800-1@nist.gov](mailto:NISTAI800-1@nist.gov) with "NIST AI 800-1, Managing Misuse Risk for Dual-Use Foundation Models" in the subject line.
- 2) NIST released a testing software package ([available for free download](#)) designed to measure how adversarial attacks can degrade the performance of an AI system. This is an area that IEEE is considering leading in.
- 3) *AI RMF Generative AI Profile (NIST AI 600-1)* help organizations identify unique risks posed by generative AI and proposes actions for generative AI risk management that best aligns with their goals and priorities. The guidance is intended to be a companion resource for users of NIST's [AI RMF](#). It centers on a list of 12 risks and just over 200 actions that developers can take to manage them.
- 4) *Secure Software Development Practices for Generative AI and Dual-Use Foundation Models (NIST Special Publication (SP) 800-218A)*, is designed to be used alongside the Secure Software Development Framework ([SP 800-218](#)). While the SSDF is broadly concerned with software coding practices, the companion resource expands the SSDF in part to address a major concern with generative AI systems: They can be [compromised with malicious training data](#) that adversely affect the AI system's performance.
- 5) *Global Plan for Global Engagement on AI Standards (NIST AI 100-5)*
- 6) *Reducing Risks Posed by Synthetic Content (NIST AI 100-4)*.

#### NIST GenAI

In addition to the above documents, NIST is also announcing [NIST GenAI](#), a new program to evaluate and measure generative AI technologies. The program is part of NIST's response to the Executive Order, and its efforts will help inform the work of the U.S. AI Safety Institute at NIST.

### 10.4 Planet Positive 2030 Initiative

Launch of the document has been scheduled for October 10<sup>th</sup>. Framework for planning, tracking and measuring results is also under development.

### 10.5 Greater Inclusion

Concern was raised that it is difficult for people whose first language is not English to participate in standards activities. It was suggested closed captioning could be a solution. **Action:** A small group of multi-lingual SC members to test current version of closed captioning, to see if it could assist in the inclusion of non-English speaking people into standard development.

This item was deferred to next meeting.

## 10.6 Venn Diagram Overlap

David G suggested that Venn diagrams may be a way to visually capture the overlap among the various Standard. For example, Maike L and David G are working on the P7800 Standard, which is basically geared towards project managers. Deborah H is working on P7010.1, which deals with SDG and ESG at the corporate level. This is where the engineer or project manager intersects with the company/corporate culture. It is of importance to understand the connection when we start working among other working groups to get consistency and continuity on how related standards connect to each other. **Action:** This item to be handled by Industries Connection program.

## 10.7 Promotion of Standards Once Approved.

The suggestion was made that it may be beneficial to see if an Industry Connection program could be developed to promote SSIT/SC standards. **Action:** This item to be handled by Industries Connection program.

## 11 FOR NOTING

### 11.1 P2089.3 – “Child Guard Data Guidelines (CGDG)”

No response from proponents. To be removed until proponents provide sufficient information.

### 11.2 DIITA Gender Equality and Social Inclusion (GESI) PAR

The revised draft was returned to the GSEI committee on July 15<sup>th</sup>. GESI team to provide a response in the week of August 5<sup>th</sup>. Draft PAR undergoing internal SA review.

### 11.3 WG Reports Submitted.

The table to the right shows the number of WG reports submitted in the past 12 months to July 2024.

Summary for period Aug 23 to Jul 24			
	Reports Expected	48	%
	Reports Received on Time	36	75.0%
	Reports not received	7	14.6%
	Reports received late	5	10.4%

### 11.4 SSIT BoG Meeting

Please let the Chair, Ruth L, know if you wish to attend, so she can introduce you to the BoGs.

### 11.5 SSIT Newsletter - Standard Activity Articles

Andrew McStay, Chair of P7014.1, has provided an article for the August issue, Eleni Mangina, Chair of P7016.1, for September issue. **Action:** The Secretary, Peter R, will liaise with WG Chairs for the October issue. Tyler J has offered to provide an article for the newsletter once P7999 PARs have been approved by NesCom. All SSIT/SC articles can be found at <https://technologyandsociety.org/ssit-newsletter-2/newsletter-archive/> starting in September 2023.

## 12 ADJOURNMENT

The meeting was adjourned at 21:52 UTC.

## 13 FUTURE MEETINGS

SC meetings will be held at 20:30 UTC on the 3<sup>rd</sup> Thursday of the month (UTC) for an hour and a half. The dates and WGs to report are:

- 19<sup>th</sup> September 2024 WGs P2890, P2987, P7700, P7801 & P7803.
- 17<sup>th</sup> October 2024 WGs P3119, P7010.1, P7800, & P7802.
- 21<sup>st</sup> November 2024 WGs P7011, P7014.1, P7016. & P7030.
- 19<sup>th</sup> December 2024 WGs P2895, P7012, P7016.1 & P7017.
- 16<sup>th</sup> January 2025 WGs P2890, P2987, P7700, P7801 & P7803.
- 20<sup>th</sup> February 2025 WGs P3119, P7010.1, P7800, & P7802.
- 20<sup>th</sup> March 2025 WGs P7011, P7014.1, P7016. & P7030.
- 17<sup>th</sup> April 2025 WGs P2895, P7012, P7016.1 & P7017. **Public Holiday in Australia, date to be confirmed.**
- 15<sup>th</sup> May 2025 WGs P2890, P2987, P7700, P7801 & P7803.
- 19<sup>th</sup> June 2025 WGs P3119, P7010.1, P7800, & P7802. **Public Holiday in USA, date to be confirmed.**

## ATTENDEES

Last Name	First Name	Affiliation	Present	Role	Office
Bahn	Christy	IEEE SA	Yes	Staff	
Bennet	Karen	Unaffiliated	Yes	V	Vice-Chair
Byrd	Justin	Unaffiliated	Yes	V	
Ferraro	Angelo	University of South Carolina	Yes	V	
Hagar	Deborah	The Foundation for Sustainable Communities	Yes	V	
Lewis	Ruth	Technology Foresight	Yes	V	Chair
Luiken	Maike	Unaffiliated	Yes	V	
Mace	Scott	Unaffiliated	Yes	NVM	
Reid	Peter	Unaffiliated	Yes	V	Secretary
Searls	Doc	Unaffiliated	Yes	NVM	
Une	Andre	Unaffiliated	Yes	NVM	

Roles: V = Voting member; NVM = Non-Voting Member; NM = Non-Member; S = IEEE Staff