Unapproved Industry Connections Committee (ICCom) Minutes
4 December 2024, 9 a.m. – 11:30 a.m. ET (UTC -5)
Teleconference/In-Person (Bridgewater Marriott, New Jersey)

1. **Call to Order**; **Roll Call** (9:00 a.m.)

Members Present: Richard Forselius, Mark Epstein, Guido Hiertz, Daleep Mohla, Xiaohui Liu, Kevin Lu (chair), Maike Luiken, Robby Robson (vice chair), Dan Sabin, Dorothy Stanley, and Mehmet Ulema

Members Absent: Jyotika Athavale and Howard Wolfman

Staff: Teresa Belmont, Jen Biolsi, Sri Chandrasekaran, Matt Ceglia, Karen Evangelista, Lloyd Green, Yvette Ho Sang, Anja Kaspersen, Nitin Kumar, Jiajia Liu, Karen McCabe, Suzanne Merten, Karen Mulberry, Maria Palombini, Moira Patterson, Dave Ringle, Heather Robinson, Anasthasie Sainvilus, Ravi Subramaniam, Claire Topp, Tony Zertuche, and Meng Zhao

Guests: Chuck Adams, Boon Chong Ang, Paventhan Arumugum, Xiaofeng Chen, Alexandra Ebert, Lou Gullo, Gary Hoffman, Manjunath Iyer, Alex Kraus, Jiayuan Li, Haiying Lu, Meng Lu, Ralph Ma, Pascal Mast, Carol McDonald, Rajesh Murthy, Paul Nikolich, Kaitlin O'Keefe, John Roman, Matt Rose, Mark Siira, Lei Wang, and Yu Yuan

2. **Review and Approval of Agenda**

There was a motion to approve the agenda (Hiertz), second (Liu). No objections to unanimous approval.

3. **Review and Approval of Minutes From 18 September 2024**

   https://ieee-sa.imeetcentral.com/p/eAAAAAAS8RxAAAAABcgUpM

There was a motion to approve the agenda (Robson), second (Epstein). No objections to unanimous approval.

4. **New ICAIDs**

4.1 **IC24-014-01 Ethical Principles for Engineering Digital Services for Children**

   ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8LbAAAAAAzyuvo

Motion to recommend approval (Sabin), second (Stanley). The motion was approved unanimously.

4.2 **IC24-015-01 AI for Improved Public Health and Climate-Resilient Health Systems**

   ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8LdAAAAABA_oTQ

Motion to recommend approval (Sabin), second (Stanley). The motion was approved unanimously.

4.3 **IC24-016-01 Open Data Center Initiative**

ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RfAAAAACy_jpc

Motion to recommend approval (Hiertz), second (Robson). The motion was approved unanimously.

5. **Renewed/Revised ICAIDs**

5.1 **IC17-005-06 Establishment of Power Line Communication (PLC) Test Beds in India (request extension until March 2025)**

Approved ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RhAAAAAHVPUZs

Renewed ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RiAAAAAFvuuMU

Renewed ICAID Tracked Changes: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RjAAAAAEnsrjY

Motion to recommend approval (Hiertz), second (Luiken). The motion was approved unanimously.

5.2 **IC20-021-03 Meta Issues in Cybersecurity**

Approved ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RkAAAAADx8Qk4

Renewed ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RlAAAAAFMDlhk

Renewed ICAID Tracked Changes: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RmAAAAAGEaZOI

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RnAAAAAf6vfc

Motion to recommend approval (Sabin), second (Liu). The motion was approved unanimously.

6. **Activity Review and Status Reports**

6.1 **IC15-004 3D Body Processing**

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RoAAAAAGaVGLg

The status report of IC15-004 was presented.

6.2 **IC17-018 VR/AR Advisory Board**

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RpAAAAABI3qqs

The status report of IC17-018 was presented. There was a request to provide the webinar links and materials co-organized by the PKU Yannan Garden Dialogues.

6.3 IC19-004 Clinical Trial Technology Modernization Network (CTTMN)

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8RqAAAAACYqVBE

The status report of IC19-004 was presented.

6.4 IC21-013 Synthetic Data

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8iGAAAAACgNx74

The status report of IC21-013 was presented. Alexandra Ebert provided an overview of the activity and further discussions on the election of a new chair in 1Q2025.

6.5 IC23-009 Evaluation of Absorbed Power Density From Millimeter Wave (MmWave) Devices

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8RrAAAAAH-97zI

The status report of IC23-009 was presented.

6.6 IC23-010 Specific Absorption Rate Measurement Systems

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8RsAAAAAENgCHo

The status report of IC23-010 was presented.

6.7 IC23-011 Impact Assessment Framework for Sustainable Mobility Systems

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8RwAAAAAHoHD3o

The status report of IC23-011 was presented.

6.8 IC23-012 Energy and Water Nexus

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAS8RtAAAAAHPv94s

The status report of IC23-012 was presented.

6.9 IC23-013 Spatial Computing for Metaverse Initiative

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RuAAAAAB4JzZg

The status report of IC23-013 was presented.

6.10 IC23-014 Standardization Roadmap on Quantum Applications

Status: https://ieee-sa.imeetcentral.com/p/eAAAAAAAS8RvAAAAACD16Ho

The status report of IC23-014 was presented.

There was a request from ICCom to provide IC activities workspace access to view meeting minutes.

7. Expiring/Graduating/Withdrawing ICAIDs

7.1 IC18-005 African Standardization Strategy and Roadmap for the 4ᵗʰ Industrial Revolution (completed deliverables)

IC18-005 African Standardization Strategy and Roadmap for the 4th Industrial Revolution expired.

7.2 IC20-016 The IEEE Global Initiative on Ethics of Extended Reality (graduation to IEEE P7030)

IC20-016 The IEEE Global Initiative on Ethics of Extended Reality graduated.

7.3 IC20-023 Implementation Roadmap for Systemic EV Adoption in India and Asia (expired)

IC20-023 Implementation Roadmap for Systemic EV Adoption in India and Asia expired.

7.4 IC21-006 Research Group on Issues of Autonomy and AI for Defense Systems (completed deliverables)

IC21-006 Research Group on Issues of Autonomy and AI for Defense Systems closed as per chair's request.

8. Old Business

8.1 Metrics (Schubert)

Rudi Schubert presented the metrics that include the SA's practices/domain, diversity, and IC activity level. The highlights for this year are the PARs submitted from the IC activities, white papers, and the IEEE SA Ethernet & IP @ Automotive Technology Day event held in Detroit, MI with over 300 attendees and 30+ exhibitors. The aim is to have additional application-oriented events similar to EIP@ATD. There were discussions to develop a better system to store white papers and track analytics.

8.2 **Industry Connections Strategy Discussion**

Rudi Schubert presented plans to evolve the Industry Connections program and the next stage of pre-standardization. The issues discussed included highest quality events centered on standards, activities that do not result in standards but are part of the IEEE SA global strategy, closer coordination with the IEEE Industry Engagement Committee (IEC) and the IEEE Future Directions Network (FDN), and how to promote and grow the Industry Connections program.

Action: IC staff to share Industry Connections program slides with ICCom members to promote the IC program.

Action: IC staff to develop a plan to measure the impact and quality of each activity.

9. **New Business**

9.1 **IEEE Membership for IC Officers**

There were discussions on requiring IEEE membership for IC officers. These will continue at the next meeting. It was noted that adherence to the IEEE Code of Ethics under section 12 of the ICCom Operations Manual applies to members and non-members.

Action: ICCom and IC Staff will review the IC Activity Baseline P&Ps to determine if they also need to be updated to reflect the Ethics sections of the ICCom Operations Manual.

9.2 **New ICCom Member Orientation: January 2025**

The ICCom Administrator will create a doodle poll for 2025 meetings.

10. **Next Meeting: March 2024 at 9:00 AM ET**

11. **Adjournment**

There being no further business, the meeting was adjourned at 11:31 a.m. ET (UTC-4).