

Industry Connections Committee (ICCom) Minutes

Approved Meeting Minutes

26 March 2024, 9 a.m. – 11:30 a.m. ET (UTC -4)

Teleconference

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

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

Members Absent: Guido Hiertz

Staff: Hermann Brand, Ravindra Desai, Karen Evangelista, Yvette Ho Sang, Soo Kim, Anja Kaspersen, Karen Mulberry, Mary Lynne Nielsen, Ted Osinski, Moira Patterson, Shana Pepin, Patricia Roder, William Rubin, Rosalinda Saravia, Rudi Schubert, Ravi Subramaniam, and Meng Zhao

Guests: Chuck Adams, Avinash Agarwal, David Bassir, Tory Cenaj, Shadi Chuangpishit, Raja Chatila, Mohan Lal Kolhe, Farid Katiraei, Sigmund Kluckner, Nikoo Kouchakipour, Alex Kraus, Haiying Lu John, Vikas Malhotra, Laura Meyer, David Narang, Harsh Sharma, Stephan Sauermann, Jim St. Clair, Gary Stuebing, Christopher Whitt, Don Wright, and Esther Wu

2. Review and Approval of Agenda

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

3. Review and Approval of Minutes From 13 December 2023

<https://ieeesa.imeetcentral.com/p/eAAAAAASuzGAAAAAD3pISU>

There was a motion to approve the minutes (Mohla), second (Wolfman). No objections to unanimous approval.

4. Appointment of 2024 ICCom Vice Chair

Robby Robson was appointed as the ICCom Vice Chair. No objections to unanimous approval.

5. New ICAIDs

5.1 IC24-001-01 Digital Twin of the Earth – Tools and Resources for Interoperable Development and Operations

ICAID: <https://ieeesa.imeetcentral.com/p/eAAAAAASuzHAAAAAGCiZA>

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

5.2 **IC24-002-01 Incident Energy Model Assessment**

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuzIAAAAABpEcZ8>

Motion to recommend approval (Stanley), second (Sabin). The motion was approved [11=yes, 0=no, 0=abstained (Mohla recused)].

5.3 **IC24-003-01 Marine Carbon Dioxide Removal (mCDR)**

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASu5jAAAAAGsSwwY>

Motion to recommend approval (Wolfman), second (Mohla). The motion was approved [11=yes, 0=no, 0=abstained (Luiken recused)].

5.4 **IC24-004-01 Green Hydrogen**

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASvUYAAAAA2LTVo>

Motion to recommend approval (Stanley), second (Forselius). The motion was approved [11=yes, 0=no, 0=abstained (Luiken recused)].

5.5 **IC24-005-01 Promoting Standards With Conferences on Digital and Green Technologies**

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuz8AAAAAYIc1Q>

Motion to defer (Robson), second (Ulema) with the ICom chair's discretion to conduct a letter ballot before the next ICom meeting. The motion was approved unanimously.

There were discussions on updating this ICAID to focus more on Digital Green Technologies.

6. **Renewed/Revised ICAIDs**

6.1 **IC16-002-05 The IEEE Global Initiative on Ethics of Autonomous and Intelligent Systems**

Approved ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASv6pAAAAAGK4ZGc>

Renewed ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASv6qAAAAAOZiTO>

Renewed ICAID Tracked Changes:

<https://iee-sa.imeetcentral.com/p/eAAAAAASv6oAAAAAFF8nwk>

Status: <https://iee-sa.imeetcentral.com/p/eAAAAAASv6nAAAAABLNoK4>

Motion to recommend approval (Stanley), second (Luiken). The motion was approved unanimously. There were discussions to make the IC deliverables more specific and measurable.

6.2 **IC20-019-03 - Holistic Digital Resilience Ecosystem for Disaster and Emergency Preparedness, Mitigation and Response: Frameworks, Toolkits and Guidelines**

Approved ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuzJAAAAAGXPFXQ>

Renewed ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuzKAAAAAs4ZVI>

Renewed ICAID Tracked Changes:
<https://iee-sa.imeetcentral.com/p/eAAAAAASuzLAAAAAC6QtkE>

Status: <https://iee-sa.imeetcentral.com/p/eAAAAAASuzQAAAAAErXHlc>

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

6.3 **IC22-001-02- Cyber Security for Next Generation Connectivity Systems**

Approved ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuzRAAAAADeMYhc>

Renewed ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuzcAAAAABlpXA>

Renewed ICAID Tracked Changes:
<https://iee-sa.imeetcentral.com/p/eAAAAAASuzdAAAAAGcJA9g>

Status: <https://iee-sa.imeetcentral.com/p/eAAAAAASu54AAAAAYotPA>

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

6.4 **IC22-002-02- High Power Electric Vehicle Charging Infrastructure (one year extension)**

Approved ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuz9AAAAAG-G0kQ>

Renewed ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASu5zAAAAAEkxA2U>

Renewed ICAID Tracked Changes:
<https://iee-sa.imeetcentral.com/p/eAAAAAASu51AAAAAHmexyw>

Status: <https://iee-sa.imeetcentral.com/p/eAAAAAASvFhAAAAAEhHn3U>

Motion to recommend approval (Mohla), second (Luiken) to extend the ICAID until March 2025. The motion was approved unanimously.

6.5 **IC22-003-02 - Mobile and Transportable Energy Storage Systems – Technology Readiness, Safety and Operation (one year extension)**

Approved ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASuz-AAAAAHvjP4Y>

Renewed ICAID: <https://iee-SA.imeetcentral.com/p/eAAAAAASu52AAAAACSVmpE>

Renewed ICAID Tracked Changes:

<https://iee-SA.imeetcentral.com/p/eAAAAAASu53AAAAAEgIOck>

Status: https://iee-SA.imeetcentral.com/p/eAAAAAASu_fAAAAACF88nl

Motion to recommend approval (Stanley), second (Sabin) to extend the ICAID until March 2025. The motion was approved unanimously.

6.6 **IC23-009-02 - Measurement of Absorbed Power Density From Millimeter Wave (MmWave) Devices (revision) title changed to Evaluation Measurement of Absorbed Power Density From Millimeter Wave (MmWave) Devices**

Approved ICAID: <https://iee-SA.imeetcentral.com/p/eAAAAAASvb1AAAAABGFk5g>

Revised ICAID: <https://iee-SA.imeetcentral.com/p/eAAAAAASvbzAAAAAFJPK8g>

Revised ICAID Tracked Changes:

<https://iee-SA.imeetcentral.com/p/eAAAAAASvb0AAAAAC1cRck>

Motion to recommend approval (Mohla), second (Robson) to change the ICAID title. The motion was approved unanimously.

7. **Activity Review and Status Reports**

7.1 **IC23-001 IEEE IoT Sensors Advisory Committee**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASuzAAAAAH9R-yc>

Ted Osinski gave an overview on the status of IC23-001 IC activity.

7.2 **IC23-002 Strengthening Telecom Standardization in India**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASuz0AAAAACLzvY4>

The activity status of IC23-002 was presented.

7.3 **IC23-003 Zero Trust Cybersecurity for Health Technology Tools, Services, and Devices**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASuz6AAAAADUhQjs>

Jim St. Clair gave an overview on the status of IC23-003 IC activity.

7.4 **IC23-004 Electric Energy Resources Interconnection Standards Collaborative (ISC)**

Status: <https://iee-sa.imeetcentral.com/p/eAAAAAASuz7AAAAABzL0fQ>

The activity status of IC23-004 was presented.

8. **Expiring/Graduating/Withdrawing ICAIDs**

8.1 **IC20-003 AI-Driven Innovation for Cities and People (Withdrawn as per chair's request)**

IC20-003 AI-Driven Innovation for Cities and People IC activity is withdrawn as per chair's request.

8.2 **IC20-005 Global Initiative on Digital Transformation of Pandemic Surveillance (Withdrawn as per chair's request)**

IC20-005 Global Initiative on Digital Transformation of Pandemic Surveillance IC activity is withdrawn as per chair's request.

9. **Old Business**

9.1 **Metrics (Schubert)**

https://iee-sa.imeetcentral.com/p/eAAAAAASwi_AAAAAAD3C4Ik

Rudi Schubert provided an overview of the metrics. There were discussions on the global diversity slide presented. There were suggestions on separating China and India on the chart as it's an area of focus with plans to increase more activity involvement in the area. The preference is the chart that lists the continents as this provides a way to measure the success coming out of those areas. This chart provides an overall structure that aligns with the SA efforts and work items, better than the chart showing the IEEE regions. Other parts of Asia may be identified further. For areas with no activity, there is a need to note that on the slide with a potential to promote in areas that are lacking activity.

Rudi presented the current white paper status and the need to form an ad hoc to review the white paper process. Anyone interested should reach out to Rudi.

9.2 **Industry Connections White Papers Ad Hoc**

https://iee-sa.imeetcentral.com/p/eAAAAAASvkDAAAAAEm_9vQ

<https://iee-sa.imeetcentral.com/p/eAAAAAASvkEAAAAAC-swBw>

This item was discussed in the metrics section.

10. **New Business**

There was a suggestion to assign ICCom reviewers to ICAIDs that are submitted. This topic will be discussed further via email.

11. **Next Meeting: 18 June 2024 at 9:00 AM ET**

12. **Adjournment**

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