

## Approved Industry Connections Committee (ICCom) Minutes

13 December 2023, 9 a.m. – 11:30 a.m. ET (UTC -4)

Teleconference

### 1. Call to Order; Roll Call (9:01)

Members Present: Mark Epstein, Richard Forselius, Alexander Kraus, Xiaohui Liu, Kevin Lu (chair), Robby Robson (vice chair), Dan Sabin, Mehmet Ulema, and Howard Wolfman

Members Absent: Guido Hiertz, and Yatin Trivedi

Staff: Hermann Brand, Kim Breitfelder Sri Chandrasekaran, Ravindra Desai, Llyod Green, Yvette Ho Sang, Soo Kim, Irene Kitsara, Erin Morales, Karen Mulberry, Mary Lynne Nielsen, Moira Patterson, Shana Pepin, Pat Roder, William Rubin, Rosalinda Saravia, and Rudi Schubert

Guests: Chuck Adams, Ravikiran Annaswamy, Isaac Rodriguez Chavez, Ariel Conn, Helena Costa, Alexandra Ebert, Alfredo Ballester Fernandez, Manjunath Iyer, Jes Kiran, Manoj Kuruvanthody, Ralf Ma, Pascal Mast, Carol McDonald, Celestin Ntahomvukiye, Kaitlin O'Keefe, Christina Popa, John Roman, Matt Rose, Mark Siira, Gary Stuebing, Don Wright, and Yu Yuan

### 2. Review and Approval of Agenda

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

### 3. Review and Approval of Minutes From 12 September 2023

<https://iee-sa.imeetcentral.com/p/eAAAAAASo69AAAAAGdlal0>

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

### 4. New ICAIDs

#### 4.1 IC23-009-01 Measurement of Absorbed Power Density From Millimeter Wave (MmWave) Devices

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASo7AAAAAANaXb8>

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

#### 4.2 IC23-010-01 Specific Absorption Rate Measurement Systems

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASo7CAAAAAHCQ9FY>

Motion to recommend approval (Epstein), second (Kraus). The motion was approved unanimously.

4.3 **IC23-011-01 Impact Assessment Framework for Sustainable Mobility Systems**

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASo7MAAAAEXUbcY>

Motion to recommend approval (Epstein), second (Forselius). The motion was approved [6=yes, 0=no, 0=abstained (Kraus recused)].

4.4 **IC23-012-01 Energy and Water Nexus**

ICAID: [https://iee-sa.imeetcentral.com/p/eAAAAAASpM\\_AAAAENT8P8](https://iee-sa.imeetcentral.com/p/eAAAAAASpM_AAAAENT8P8)

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

4.5 **IC23-013-01 Spatial Computing for Metaverse Initiative**

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

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

4.6 **IC23-014-01 Standardization Roadmap on Quantum Applications**

ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASpNUAAAAB69CKg>

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

5. **Renewed/Revised ICAIDs**

5.1 **IC15-004-05: 3D Body Processing**

Approved ICAID: [https://iee-sa.imeetcentral.com/p/eAAAAAASo7aAAAAA3\\_Pjs](https://iee-sa.imeetcentral.com/p/eAAAAAASo7aAAAAA3_Pjs)

Renewed ICAID: <https://iee-sa.imeetcentral.com/p/eAAAAAASo7dAAAAAGIjgGU>

Renewed ICAID Tracked Changes:

<https://iee-sa.imeetcentral.com/p/eAAAAAASo7bAAAAADSIPaU>

Status: <https://iee-sa.imeetcentral.com/p/eAAAAAASo7cAAAAABKV8TE>

Motion to recommend approval and auto-renewal after two years (Robson), second (Wolfman). The motion was approved unanimously.

5.2 **IC17-005-05 Establishment of Power Line Communication (PLC) Test Beds in India (Extension until December 2024)**

Approved ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASo7VAAAAAU-WGY>

Renewed ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASo7UAAAAADK -NY>

Renewed ICAID Tracked Changes:

<https://ieee-sa.imeetcentral.com/p/eAAAAAASo7WAAAAAD8k224>

Motion to recommend approval (Ulema) to extend the ICAID until December 2024, second (Epstein). The motion was approved unanimously.

5.3 **IC17-018-04: IEEE VR/AR Advisory Board**

Approved ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASpAsAAAAAAtFX-I>

Renewed ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASpAtAAAAADDPJBs>

Renewed ICAID Tracked Changes:

<https://ieee-sa.imeetcentral.com/p/eAAAAAASpAuAAAAACLokfw>

Status: <https://ieee-sa.imeetcentral.com/p/eAAAAAASpAvAAAAAEx8KJM>

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

5.4 **IC19-004: Technology and Data Harmonization for Enabling Decentralized Clinical Trials (Renewal and title changed to Clinical Trial Technology Modernization Network (CTTMN))**

Approved ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASpI1AAAAAD1GE5A>

Renewed ICAID: [https://ieee-sa.imeetcentral.com/p/eAAAAAASpI2AAAAACaj\\_VE](https://ieee-sa.imeetcentral.com/p/eAAAAAASpI2AAAAACaj_VE)

Renewed ICAID Tracked Changes:

<https://ieee-sa.imeetcentral.com/p/eAAAAAASpI3AAAAA6sVJc>

Status: <https://ieee-sa.imeetcentral.com/p/eAAAAAASpI4AAAAACgY5ek>

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

5.5 **IC21-006-03: Research Group on Issues of Autonomy and AI for Defense Systems (Extension until December 2024)**

Approved ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASo7XAAAAAG7qBaA>

Renewed ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAASpMPAAAAAAUoFw>

Renewed ICAID Tracked Changes:

[https://iee-SA.imeetcentral.com/p/eAAAAAASo7ZAAAAAFyW\\_Go](https://iee-SA.imeetcentral.com/p/eAAAAAASo7ZAAAAAFyW_Go)

Motion to recommend approval (Forselius) to extend the ICAID until December 2024, second (Sabin). The motion was approved unanimously.

## 5.6 **IC21-013-02: Synthetic Data**

Approved ICAID: [https://iee-SA.imeetcentral.com/p/eAAAAAASo7fAAAAAb0\\_Jk](https://iee-SA.imeetcentral.com/p/eAAAAAASo7fAAAAAb0_Jk)

Renewed ICAID: <https://iee-SA.imeetcentral.com/p/eAAAAAASo7gAAAAADfNRaE>

Renewed ICAID Tracked Changes:

<https://iee-SA.imeetcentral.com/p/eAAAAAASo7hAAAAABWj74E>

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASo7iAAAAAB6Vigo>

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

## 6. **Activity Review and Status Reports**

### 6.1 **IC18-005: African Standardization Strategy and Roadmap for the 4th Industrial Revolution**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASpaiAAAAAHes1tE>

Moira Patterson gave an overview on the status of IC18-005 IC activity.

### 6.2 **IC20-021: Meta Issues in Cybersecurity**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASo7jAAAAAFG09uI>

Manoj Kuruvanthody gave an overview on the status of IC20-021 IC activity.

### 6.3 **IC20-022: Disaster Recovery for Blockchain Nodes and Enterprise Workloads**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASpWKAAAAAE7snIY>

Sri Chandrasekaran and Mehmet Ulema gave an overview on the status of IC20-022 IC activity. IC staff assigned to this IC Activity will reach out to the chair, Jes Kiran.

### 6.4 **IC20-023: Implementation Roadmap for Systemic EV Adoption in India and Asia**

Status: <https://iee-SA.imeetcentral.com/p/eAAAAAASo7iAAAAAEoeZKc>

Ravikiran Annaswamy and Ravindra Desai gave an overview on the status of IC20-003 IC activity. There were discussions to sunset this activity. IC staff assigned to this IC Activity will reach out to the chair.

## 7. Expiring/Graduating/Withdrawing ICAIDs

### 7.1 **IC19-007: Pre-Standardization Studies for Indian Language Resources (Completed Deliverables)**

IC19-007 Pre-Standardization Studies for Indian Language Resources has closed after completion of the deliverables.

### 7.2 **IC20-025: Trustworthy Technical Implementations of Children’s Online/Offline Experiences (Withdrawn as per chair’s request)**

IC20-025: Trustworthy Technical Implementations of Children’s Online/Offline Experiences is withdrawn as per chair’s request.

### 7.3 **IC21-010: Fiber Attach Technologies (Completed Deliverables)**

IC21-010: Fiber Attach Technologies has closed after completion of the deliverables.

### 7.4 **IC21-012: AI Impact Use Cases Initiative (Withdrawn as per chair’s request)**

IC21-012: AI Impact Use Cases Initiative is withdrawn as per Chair’s request.

## 8. Old Business

### 8.1 **Metrics (Schubert)**

<https://ieeesa.imeetcentral.com/p/eAAAAAASqCSAAAAADw8W2w>

Rudi Schubert gave a short presentation on the Industry Connections activity metrics and scorecard that includes the following: practice areas summary, regions where the activities started, activity level, and entity vs. individual activities summary. He presented the Industry Connections highlights on events and thought leadership.

## 9. New Business

### 9.1 **Industry Connections White Papers**

Rudi Schubert provided an overview and noted the increasing rate of white paper publication under the Industry Connections. The general recommendation for white papers is twenty pages. However, there are some who have an enormous amount of material that is not consistent with the others. White papers should be a foundation to future standards activities.

Recommendation: IC staff and willing ICCOM members will form an ad hoc to make recommendations on the IC activity deliverables process to ensure that a) the work is supportive of SA goals/initiatives, and b) the deliverables receive visibility support and are characterized appropriately relative to the larger IEEE portfolio of content.

**Action:** IC Staff to poll ICCOM volunteers on participation.

10. **Next Meeting: 26 March 2024 at 9:00 AM ET**  
**New Member Orientation: 23 January 2024 (10:00 AM ET)**

11. **Adjournment**

There being no further business, the meeting was adjourned at 11:32 a.m. ET (UTC-4)