

**IEEE Sensors Council Standards Committee (SC-SC)
Meeting Minutes**

19 August 2024 / 10:00 AM – 11:00 AM (ET)

Teleconference link:

<https://ncsu.zoom.us/j/97573833294>

Passcode: SC-SC

1. Call to Order

The Chair started the meeting at 10:05 AM

2. Roll Call and Affiliation

Affiliation FAQs: [link](#)

Attendance Registration Form: [link](#)

Participants:

- a. Cyril Herrier, Aryballe
- b. James Covington, University of Warwick
- c. Ehsan Danesh, Advanced Sensing Technologies Ltd
- d. LaMont McAlley, Noblis, Inc.
- e. Saba Mylvaganam, University of South-Eastern Norway
- f. Troy Nagle, NC State University

3. Approval of Agenda

We did not have a quorum for approval. Followed this agenda outline.

4. Approval of Previous Meeting Minutes

Approval of the May 20 Minutes was postponed to our November meeting.

5. Working Group Updates

- a. P2520.1 Odor Monitor Baseline Performance (James Covington)
A summary of progress was presented. PAR renewal has been requested.
- b. P2520.2.1 General Outdoor Air Odor Monitoring (Ehsan Danesh)
PAR is expiring in December. Will be restarted in 2025 with a new WG Chair.
- c. P1451.99 IoT Harmonization (Gopalakrishna Kuppa)
No report.

6. Unfinished Business/Action Items

- a. Update on Sensors Council Industry Liaison Committee (Gerry Hayes)
No report.
- b. IEEEESA ICAID on Enabling a Smart and Equitable Agriculture Ecosystem (Jack Marck)
No report.
- c. IEEE Std 2700-2017 Sensor Performance Parameter Definitions (Troy Nagle)
Still searching for a new WG Chair.

- d. AI search for new standard projects (Saba Mylvaganam)
Project is continuing. Considering an application for a TAB Committee on Standards Project. Proposals are due September 30.
- e. Sensors Council New Initiative Project – Sensor Testing Demonstrations (Troy Nagle)
Three testing examples are planned (Warwick, Aryballe, and ENEA). Presentations will take place at IEEE SENSORS 2024 in Kobe on October 21 (See Attachment).
- f. SC-SC Websites Update (Troy Nagle)
A website update was recommended in the 5-year Council Review by TAB. SC-SC has two webpages (IEEE-SA website and Sensors Council Website). The IEEE-SA site has been updated. The Council website update will be completed later this year.
- g. Updated Resources for SC-SC Volunteers (Troy Nagle)
Has been posted on our IEEE-SA website.

7. New Business

- a. Review of SC-SC P&P and Membership Category Rules (Troy Nagle)
Postponed to next meeting

8. Future Meetings

For 2024: November 18

9. Adjourn

The Chair closed the meeting at 10:35 AM.

ATTACHMENT:

IEEE SENSORS 2024, Kobe, Japan

Industry/Standards Session (October 21, 1:30 PM)

Session Chairs (Sri Chandra, IEEE-SA India, and Shinji Tanabe, Mitsubishi Electric retired)

- 1) Overview of the IEEE Standards Generation Process (Sri Chandra)
- 2) IEEE Sensor Registry and IEEE Conformity Assessment Program (Sri Chandra)
- 3) Overview of IEEE P2520.1 Baseline Performance of Machine Olfaction Devices and Systems (James Covington)
- 4) IEEE P2520.1 Testing Demonstration at Warwick (James Covington)
- 5) IEEE P2520.1 Testing Demonstration at Aryballe (Cyril Herrier)
- 6) IEEE P2520.1 Testing Demonstration at ENEA (Ettore Massera)
- 7) Panel Discussion