



**IEEE Sensors Council Standards Committee**

**DRAFT Meeting Minutes**

**24 August 2022**

**11 am ET (Eastern Time)**

**Teleconference/Webex**

**1. Call to Order**

Chair Troy Nagle called the meeting to order at 10:05 am ET.

Participants list attached

<https://docs.google.com/spreadsheets/d/1SIUt7iS7nVcJI3zEOf6Q0ZUrcymJmX1zK3jWIOi7GWc/edit#gid=771043138>

**2. Roll Call and disclosure of Affiliations**

- a. Brief introduction – ground rules
- b. SC-SC registration form with attendance and Voting membership (must attend 2 of last 4 to be a voting member).
- c. Quorum not met with minimum of 4 voting members.

**3. Approval of Agenda**

**No quorum, agenda as-is**

**4. IEEE SA Patent & Copyright Policies**

## Call for Patents

<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

Copyright <https://standards.ieee.org/ipr/copyright-materials.html>

### 5. Discussion:

- a. Maintenance administration for IEEE Std 2700-2017 (Michael Gaitan)
  - i. Group agreed to do this. Need quorum to formally approve and adoption as a committee.
  - ii. SENSORS 2022 action Chris/Troy to create materials to sign up volunteers to re-invigorate the 2700 standard at the SC booth.
- b. New Inertial Standards project (Chris Schober) – update presented
- c. Update on P1451.99 IoT Harmonization (Gopalakrishna Kuppa)
  - i. An India team of 10 in the P1451.99 work group actively working testing, validation, data collection, analysis, and publishing.
  - ii. Center of expertise for Industrial Electronics now proposed to new initiative for a project in India. The project title is “Regional Center of Expertise for Industrial Electronics at Hyderabad, India – IEEE NIC Grant agreement.”
- d. Update on P2520 Odor Monitoring series (Susan Schiffman)
- e. Very active, 5 working groups, on electronic nose technology. One group working on the vulnerability of sensors to humidity/drift/temperature, 2 other environmental working groups outdoor air and indoor air (Landfill, bakery etc), another group chemical processing (coke bottles that are glass, check for odor, like kerosene was put into a bottle). Collaborating with European ISOCS group.
- f. Update on Sensors Council Industry Liaison Committee (ILC) & APSCON 2023 (Gerry Hayes)
  - i. Need to regroup ILC
  - ii. Paul Krisna and Sri have connected about APSCON.
  - iii. Sri is also working SENSORS 2022 (industry day and track)
  - iv. For APCON, Gopalakrishna organizing talks
- g. Suggestions for IEEE SENSORS 2022 in Dallas (all)
  - i. SENSORS booth
    1. Standards flyers (Chris, Troy)
    2. Booth display, need to make a SC-SC poster (Chris, Troy)
    3. 2700 signup (Chris)

### 6. § New Business (SC-SC Operations Manual)

1. Sensors Council Operation Manual reviewed needs approval when quorum is reached (Troy presented, attached to minutes)
2. Ravi update on the SENSORS standards= sensors roundtable Sept 15<sup>th</sup>, ~ 30-40 already registered, capped at 50 attendees. Mayor of Austin is keynote, and Prof Shama of MIT. Joint event by Sensors Council and IEEE USA.
3. R10 talk on patents and the INERTIAL standards workshop project (Chris)

4. Bangalore sensors conference has a defense expert in Inertial (Gopalakrishna to set up connection)
  5. IEEE SC-SC website needs work, looking for ideas from members on how to improve. We also need to get minutes approved with quorum present to post on our website.
7. Future Meetings
- a. Intent is to meet quarterly (target is the 3<sup>rd</sup> Tuesday of Feb, May, Aug & Nov). Nov meetings may align with annual IEEE SENSORS conference.
  - b. Tentative: Oct 30 2022 with SENSORS 2022 in person and virtual Sunday afternoon after Adcom meets. So about 3 or 4 pm Eastern time. {Note: changed in Oct 2022 to Saturday Oct 29<sup>th</sup> at 11 am Eastern Time}
8. Meeting adjourned at noon ET

## Participants 08/24/2022

First Name	Last Name	Affiliation
Christina	Schober	Self
Gerard	Hayes	Wireless Research Center of North Carolina
Saba	Mylvaganam	University of South-Eastern Norway
Troy	Nagle	North Carolina State University
Gopalakrishna	Kuppa	
Houde	Dai	FJIRSM, CAS
Lakshya	Nahar	
Ravi	Subramaniam	IEEE-SA Staff
Sean	Rocke	The University of the West Indies
Sharif	Sagar	Sejong University
Susan	Schiffman	North Carolina State University