IEEE Sensors Council Announcements

IEEE Sensors Council has 26 IEEE members societies working together in the multi-disciplinary technical area of Sensors

IEEE Sensors Journal
A PUBLICATION OF THE IEEE SENSORS COUNCIL

Peer-reviewed. Bi-weekly. Focused on all aspects of sensor technology.

EDITOR-IN-CHIEF: SANDRO CARRARA, ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL), CH

The topics of interest of the IEEE Sensors Journal include:

All types of sensing: mechanical, thermal, optical, magnetic, radiation, microwave, chemical, biological, mass, etc., both on the macro and micro levels. Also of interest are sensor packaging, interconnection, modeling, wireless sensing, CAD, stability (e.g., noise), characterization, sensor signal processing, sensor arrays (e.g., e-nose), sensor systems, intelligent sensors, sensor actuators, and applications.

For more information, please visit http://ieee-sensors.org/sensors-journal.

IEEE SENSORS 2019

October 27-30, 2019

IEEE SENSORS 2019 is intended to provide a forum for research scientists, engineers, and practitioners throughout the world to present their latest research findings, ideas, and applications in the area of sensors and sensing technology.

For more information, please visit http://ieee-sensorsconference.org.

Important Dates

May 6, 2019
Proposals for Tutorials

May 6, 2019
Proposal for Focused Sessions

June 18, 2019
Paper Submission

August 10, 2019
Notification of Paper Acceptance

August 31, 2019
Submission of Final Papers

Topics of Interest Include:

- Sensor Phenomenology, Modeling, & Evaluation
- Sensor Materials, Processing, & Fabrication
- Chemical & Gas Sensors
- Microfluidics and Biosensors
- Optical Sensors
- Physical Sensors: Temperature, Mechanical, Magnetic, & others
- Acoustic and Ultrasonic Sensors
- Sensor Packaging
- Sensor Networks and IoT
- Sensor Applications
- Sensor Systems: Signals, Processing, & Interfaces
- Actuators and Sensor Power Systems
- Demos
- Sensors In Industrial Practice
- Demos

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IEEE Sensors Council Standards Committee Overview

In partnership with the IEEE Standards Association, the Standards Committee and the Industrial Liaison Committee of the IEEE Sensors Council is supporting three global initiatives:

- Standard for Establishing Quality of Data Sensor Parameters in the Internet of Things Environment (P2510)
- Wearables and Medical IoT Interoperability & Intelligence Workshop Series (WAMIII)
- IEEE SA Industry Connections (IC) Program: Connectivity Harmonization of the Digital Citizen

These initiatives are intended to drive collaboration between academic and industry partners to develop solutions and standards for a diverse range of sensor and sensor system applications.

The Standards Committee and the Industrial Liaison Committee are supporting the Sensors/Sensors System Track at the IEEE 5th World Forum on Internet of Things in April 2019 in Limerick, Ireland.

Contact Gerry Hayes (gerard.hayes@ieee.org) for more information.

Working Group Participation

ICAP Enrollment

For more information, please visit http://standards.ieee.org!
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INERTIAL 2020
March 23-26, 2020

This exclusive international Symposium on Inertial Sensors and Systems will be held in Hiroshima, Japan. The event continues our annual tradition of informal single-track international meetings discussing the latest developments in the area of modern inertial sensors and emerging applications. The INERTIAL 2020 will be a four-day event with one day of tutorials, and three days of technical sessions.

For more information, please see http://ieee-inertial.org.

Important Dates

October 15, 2019
Abstract Submission

January 5, 2020
Late News Submission

February 1, 2020
Full Paper Submission/Early Registration

IEEE Sensors Letters

Editor-in-Chief: Srinivas Tadigadapa, Northeastern University

IEEE Sensors Letters is a peer-reviewed, online, rapid publication journal devoted to all aspects of sensors and sensing phenomena. Papers submitted to this journal will be limited to a maximum of 4 pages, which includes a minimum of one column for references. The submission to publication time is expected to be approximately six weeks. The journal is now open for paper submissions. You are invited to submit a paper to the journal if your work relates to these topics. You can find more information at IEEE Sensors Letters.

Prospective authors and reviewers are invited to sign up for a IEEE Sensors Letters ScholarOne account; this will allow prospective authors to submit their manuscripts and prospective reviewers to be selected. We are also seeking qualified associate editors for the journal. If you are interested in applying for this position, please click on the “Nominations and Appointment Form” in the IEEE Sensors Letters webpage, send the application packet to s.tadigadapa@ieee.org.

For more information, please visit http://ieee-sensors.org/senslet.

IEEE Sensors Council Member Societies
The combined membership of the 26 member societies is > 50,000

- IEEE Aerospace and Electronic Systems
- IEEE Antennas and Propagation
- IEEE Broadcast Technology
- IEEE Circuits and Systems
- IEEE Communications
- IEEE Computer
- IEEE Consumer Electronics
- IEEE Dielectrics and Electrical Insulation
- IEEE Electromagnetic Compatibility
- IEEE Electron Devices
- IEEE Electronics Packaging
- IEEE Engineering in Medicine and Biology
- IEEE Industrial Electronics
- IEEE Industry Applications
- IEEE Instrumentation and Measurement
- IEEE Magnetics
- IEEE Microwave Theory and Techniques
- IEEE Oceanic Engineering
- IEEE Photonics
- IEEE Power & Energy
- IEEE Reliability
- IEEE Robotics & Automation
- IEEE Signal Processing
- IEEE Solid-State Circuits
- IEEE Ultrasonics, Ferroelectrics, and Frequency Control
- IEEE Vehicular Technology

For more information, please visit http://ieee-sensors.org.