IEEE Sensors Council

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

Widely Read:
791K Downloads in 2017
Impact factor 2.5

Rapid publication: 7 weeks (median) from submission to publication

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 2018

OCTOBER 28 - 31, 2018

IEEE SENSORS 2018 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

- Proposals for Tutorials: **May 6, 2018**
- Proposal for Focused Sessions: **May 6, 2018**
- 3-Page Paper Submission Deadline: **June 18, 2018**
- Notification of Paper Acceptance: **August 10, 2018**
- Submission of Final Papers: **August 31, 2018**

IEEE SENSORS 2018

October 28-31, 2018 | Pullman Aerocity, New Delhi, India

Topics of Interest Include:

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

The IEEE Sensors Journal will publish a Special Issue which features extended versions of the best papers presented at IEEE SENSORS 2018.

IEEE Sensors Council Standards Committee Overview

The Standards Committee of the IEEE Sensors Council has partnered with the Industry Liaison Committee of the IEEE Sensors Council and the IEEE Standards Association to launch three global initiatives:

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

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

The P2510 standard was announced at the IEEE IoT World Forum in January. Twelve working groups are identified in support of the standard. In addition, an IEEE Conformity Assessment Program (ICAP) and Certification Committee are being formed.

The initial WAMI workshop was held in Boston on January 17, 2018. Additional WAMI events are planned through 2018 with an emphasis on mobility, security, and interoperability. The next event takes place on April 25, 2018 at John Hopkins University.

Working Group Participation
http://bit.ly/2HeRW8I

ICAP Enrollment
http://bit.ly/2HdqFTX

For more information, please visit
http://standards.ieee.org!

INERTIAL 2019

APRIL 1-4, 2019

This exclusive international Symposium on Inertial Sensors and Systems will be held in Naples, Florida, USA. 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 2019 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.

INERTIAL 2019
The 6th IEEE International Symposium on
Inertial Sensors & Systems
The Naples Beach Hotel & Golf Club · Naples, Florida, USA · April 1-4

Topics of Interest Include:

- Sensors Phenomena & Modeling
- Sensor Systems & Electronics
- Low-cost Manufacturing
- Advanced Packaging
- Advances Test & Evaluation
- Aiding Technology
- Emerging Applications

Important Dates

- Abstract Submission Deadline - October 1, 2018
- Notification of Acceptance - December 3, 2018
- Late News Submission Deadline - January 4, 2019
- Early Registration/Full Paper
  Submission Deadline - February 1, 2019

IEEE Sensors Letters

EDITOR-IN-CHIEF: SRINIVAS TADIGADAPA, PENNSYLVANIA STATE UNIVERSITY

IEEE Sensors Letters

IEEE Sensors Letters. 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 > 260,000

IEEE Sensors Council

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

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