

## IEEE Sensors Council Announcements

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

### Sensors Council's Upcoming Conferences

#### IEEE SENSORS 2021

October 31- November 4, 2021 - Virtual Conference

IEEE SENSORS 2021 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.

##### Important Dates

**August 16, 2021** – Notification of Paper Acceptance

**August 30, 2021** – 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

[ieee-sensorsconference.org](http://ieee-sensorsconference.org) | [f facebook.com/IEEESENSORS](https://facebook.com/IEEESENSORS) | [t twitter.com/IEEESENSORS](https://twitter.com/IEEESENSORS) | [#IEEESENSORS](https://hashtagger.com/IEEESENSORS)

#### IEEE INERTIAL 2022

March 28-31, 2022 – Avignon, France

This exclusive international Symposium on Inertial Sensors and Systems will be held at the Palais des Papes in Avignon, France. 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. INERTIAL 2022 will be a four-day event with one day of tutorials, and three days of technical sessions.

For more information, please visit [2022.ieee-inertial.org](http://2022.ieee-inertial.org).

##### Important Dates

**October 1, 2021** - Abstract Submission Deadline

**December 1, 2021** - Late Breaking News Submissions Open

**January 7, 2022** - Late Breaking News Submission Deadline

**February 1, 2022** - Full Paper Submission Deadline

**February 1, 2022** - Early Registration Deadline



**IEEE INERTIAL 2022**  
The 9<sup>th</sup> IEEE International Symposium on Inertial Sensors & Systems



##### Topics of Interest Include:

- ◆ Sensors Phenomena & Modeling
- ◆ Sensor Systems & Electronics
- ◆ Low-cost Manufacturing
- ◆ Advanced Packaging
- ◆ Advanced Test & Evaluation
- ◆ Aiding Technology
- ◆ Emerging Applications
- ◆ Best Failed Ideas
- ◆ Atomic/Quantum Sensors
- ◆ Bio-Inspired Sensors and Systems

#### IEEE FLEPS 2022

June 10-13, 2022 – Vienna, Austria

IEEE FLEPS 2022 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 Flexible and Printable Sensors and Systems.

For more information, please visit [2022.ieee-fleps.org](http://2022.ieee-fleps.org).

##### Important Dates

**January 14, 2022** - Tutorial Proposal Submission Deadline and Focused Session Proposal Submission Deadline

**February 14, 2022** - Final Paper Submission Deadline

**April 10, 2022** - Final Manuscript Submission Deadline

**June 14, 2022** - Standard Registration Deadline



##### Topics of Interest Include:

- ◆ Organic/Inorganic Electronic Sensors
- ◆ Emerging Materials for Flexible and Printable Systems
- ◆ Manufacturing Techniques
- ◆ High-throughput Printable Electronics
- ◆ Hybrid Flexible Sensors and Electronics
- ◆ Stretchable/Shrinkable Sensors and Electronics
- ◆ Soft/Smart Wearable and Implantable Sensing Systems
- ◆ Disposable/Reusable Sensors and Electronics
- ◆ Printed Large-Area Sensors and Systems
- ◆ Flexible/Printed Active and Passive Components
- ◆ Emerging applications of Flexible Electronics
- ◆ Simulation and Modelling

## Sensors Council Publications

### Sensors Journal [ieee-sensors.org/sensors-journal](http://ieee-sensors.org/sensors-journal)

Editor-in-Chief: Sandro Carrara, École Polytechnique Fédérale de Lausanne (EPFL), CH

3.076 Impact Factor

~ 6.2 Weeks Submission to ePublication

The IEEE Sensors Journal is a widely-read, peer-reviewed, semi-monthly online journal devoted to sensor technology and sensing phenomena.

Sensors Journal also has a variety of Special Issues. View full list of topics and deadlines at [ieee-sensors.org/sensors-journal/sensors-journal-special-issues](http://ieee-sensors.org/sensors-journal/sensors-journal-special-issues)

### Sensors Letters [ieee-sensors.org/sensors-letters](http://ieee-sensors.org/sensors-letters)

Editor-in-Chief: Srinivas Tadigadapa, Northeastern University, USA

~ 4.8 Weeks Submission to ePublication

Hybrid, Open-Access Journal

IEEE Sensors Letters is an electronic journal dedicated to publishing short manuscripts, quickly, on the latest and most significant developments in the field of sensors. Sensors Topics include theory, design, fabrication, manufacturing, signal processing, interface circuits and applications of devices for sensing and transducing physical, chemical and biological phenomena. Papers are limited to 4 pages with the stipulation that at least one column of each paper be devoted exclusively to references.

## Standards

### Original Working Group (WG): IEEE P2520™ – STANDARD FOR TESTING MACHINE OLFACTION DEVICES AND SYSTEMS

Over the last two years, this WG has initiated five new WGs focusing on standards specific odor monitoring applications:

**P2520.1™ Baseline Performance for Odour Analysis Devices and Systems** (James Covington, WG Chair): All machine olfaction devices must first pass this standard before moving onto a more targeted standard.

**P2520.2.1™ Machine Olfaction Devices and Systems Used for General Outdoor Odour Monitoring** (Ehsan Danesh, WG Chair): Members focus on identifying gaseous chemicals responsible for outdoor malodour events and their relevant concentrations, while considering past and on-going international efforts in standardizing odour measurement.

**P2520.2.2™ Landfill Odour Monitoring Devices and Systems** (Susan Schiffman, WG Chair): P2520.2.2 will build upon P2520.1 and P2520.2.1. Therefore, participants are meeting informally with P2520.1 and P2520.2.1. P2520.2.2 will formally kick off once the scopes of those two foundational standards have been defined.

**P2520.3.1™ Machine Olfaction Devices and Systems Used for General Indoor Odour Monitoring** (Ehsan Danesh, WG Chair): This focuses on devices that are designed to monitor nuisance odors in indoor environments in which volatile organic compounds (VOCs) frequently produce noxious smells and/or impose safety risks.

**P2520.4.1™ Performance of Machine Olfaction Devices and Systems for Chemical Manufacture** (Susana Palma, WG Chair): This WG aims to develop performance testing protocols for monitor odors from chemical manufacturing facilities (e.g., pharma, biotech, paints, solvents, chemicals), to build upon P2520.1.

*For individuals who are interested in participating in one or more of these Working Groups, please contact the WG Chairs through their respective WG websites.*

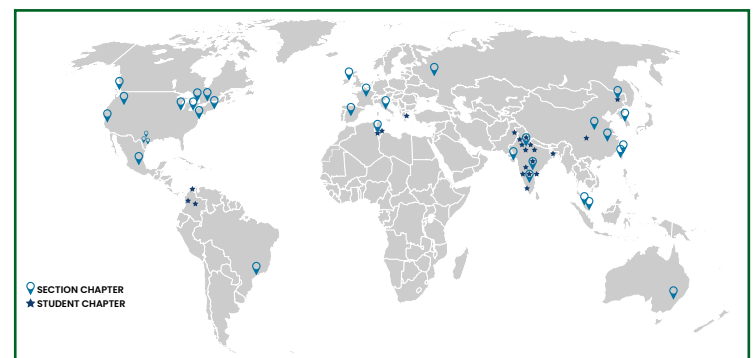
## Educational Activities

### Distinguished Lecturer Program

The IEEE Sensors Council's Distinguished Lecturer Program (DLP) promotes the field of Sensors to the broad engineering and scientific community, and to the public at large by providing lecturers who are acknowledged and eminent scholars in pure and applied sensors and sensors related technical fields, and who can be selectively invited by "local" entities globally.



### Chapter Locations



### Sensors Council YouTube Channel

[www.youtube.com/c/IEEESensors](http://www.youtube.com/c/IEEESensors)

Over 100,000 views

The channel features over 890 tutorials, review papers, conference plenary and invited talks, and more. Please [subscribe](#) to our YouTube channel!