



**IEEE
SENSORS 2026**
Rotterdam, Netherlands || October 25–28, 2026

2026.ieee-sensorsconference.org

CALL FOR PAPERS

Organizers

General Co-Chairs

Sten Vollebregt

TU-Delft, The Netherlands

Stoyan Nihitjanov

TU-Delft, The Netherlands

TPC Chair

Gijs Krijnen

University of Twente, The Netherlands

Important Dates

March 31, 2026

Proposals for Focused Sessions

May 6, 2026

Proposals for Tutorials

June 18, 2026

Paper Submission Deadline
(Max 3 pages of text + 1 page of references)

August 9, 2026

Notification of Paper Acceptance

August 30, 2026

Submission of Final Papers



Visit the website for the most up to date information relating to abstract submission, tutorials, and special sessions information and deadlines.



IEEE SENSORS 2026 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 areas of sensors and sensing technologies.

IEEE SENSORS 2026 will include keynote addresses and invited presentations by eminent scientists and engineers.

Topics for IEEE SENSORS 2026 include

- » Sensor Phenomenology, Modeling and Evaluation
- » Sensor Materials, Fabrication and Packaging
- » Chemical, Electrochemical and Gas Sensors
- » Microfluidics and Biosensors
- » Optical Sensors
- » Physical Sensors: Temperature, Mechanical, Magnetic and Others
- » Acoustic and Ultrasonic Sensors
- » Sensor Networks and IoT
- » Emerging Sensor Technologies and Applications
- » Sensor Systems: Signals, Processing and interfaces
- » Actuators, Energy Harvesting and Powering Sensors
- » Sensor Data Processing and AI
- » Wearable Sensors and Systems
- » Sensors in Industrial Practices
- » Live Demonstration of Sensors and Sensing Technologies

Focused Sessions

IEEE SENSORS 2026 will have focused sessions on emerging sensor-related topics. Details related to the Call For Focused Sessions are on the [conference website](https://2026.ieee-sensorsconference.org).

Publication of Papers

Accepted papers will be submitted for inclusion into IEEE Xplore® subject to meeting IEEE Xplore's scope and quality requirements. Alternatively, authors will have an option to submit a 4-page paper to a Special Issue of the IEEE Sensors Letters, and if accepted, present results at a Special session of the IEEE SENSORS 2026. Authors may submit extended versions of their conference papers to the IEEE Sensors Journal.

Industry Oriented

A special track designed to encourage industry participation will include industry showcase/demonstrations, industry networking, and an industry panel luncheon. Special flexible one-day registration will be available to facilitate industry participation.

Special Issue in the IEEE Sensors Journal

Having a vibrant industry presence at the conference is provided with opportunities for interchange between the industrial and the academic communities in sensors, including the following:

- Opportunities to highlight selected differentiating technology for cutting-edge products
- Exposure to technical advances across applications through joint topical sessions of peer-reviewed papers
- Industrial track highlighting peer company presentations in the program
- Industry-oriented sessions and workshops to discuss future technology trends and produce academic engagement
- Opportunities for interaction between component and system experts in question time at presentations and at the vibrant poster and demonstration sessions
- Opportunities for networking during breaks, shared meals and receptions
- Opportunities to listen to student research and to interact face-to-face
- Industrial booths in shared space with posters and refreshment breaks.

Exhibition Opportunities

The Conference Exhibit area will provide companies and other organizations with an opportunity to display and promote products, services, equipment, books, journals, publications, and/or other items to attendees from around the world.

For further information contact Claire Folkerts, at cfolkerts@conferencecatalysts.com

Please visit: 2026.ieee-sensorsconference.org