IEEE SENSORS 2025
Vancouver, Canada || October 19 - 22, 2025

2025.ieee-sensorsconference.org

CALL FOR PAPERS

Important Dates

March 31, 2025
Proposals for Focused Sessions

May 15, 2025
Option B Paper Deadline:
Submit to IEEE Sensors Letters

May 6, 2025
Proposals for Tutorials/Workshops

June 11, 2025
Option A Paper Deadline:
Submit to IEEE SENSORS 2025 Proceedings

August 9, 2025
Notification of Paper Acceptance

August 30, 2025
Final Paper Deadline

Organizers

General Co-Chairs

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Northeastern University, USA

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Tottori University, Japan

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

We invite you to the leading global forum for sensor technology innovation and research!

IEEE SENSORS 2025, held in the vibrant city of Vancouver, Canada, from October 19-22, 2025, provides the platform for you to showcase your cutting-edge research, benefit from keynote and invited presentations by eminent scientists, network with experts, and help shape the future of sensor technologies.

Topics for IEEE SENSORS 2025 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**

Publications

Accepted papers will feature in IEEE SENSORS 2025 Proceedings and IEEE *Xplore®*. Authors will also have the option to submit a **4-page paper to IEEE Sensors Letters** and, if accepted, present their work at IEEE SENSORS 2025. Extended versions of conference papers may also be submitted to the IEEE Sensors Journal. Additionally, the top papers presented at the conference will be invited to submit extended abstracts for a **special issue of the IEEE Sensors Journal** after peer review.

Focused Sessions

IEEE SENSORS 2025 will have focused sessions on emerging sensor-related topics. Visit the conference website for details on Call For Focused Sessions.

Tutorials and Workshops

If you want to stay updated on the latest developments in the field, relevant topics, or engage in discussions related to the future of sensing technologies, join us and attend our wide range of tutorials and workshops. These will be held on Sunday, October 19th.

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, or other items to attendees from around the world.

For exhibition inquiries, contact Claire Folkerts,
cfolkerts@conferencecatalysts.com

IEEE Sensors Council