



IEEE BIOSENSORS 2025

SAN DIEGO, CA, USA || AUGUST 2-5, 2025

CALL FOR PAPERS

IMPORTANT DATES

December 01, 2024

Tutorial Proposal
Submission Deadline

January 01, 2025

Paper Submission Opens

March 21, 2025

Paper Submission Closes

April 22, 2025

Notification of Acceptance

May 22, 2025

Final Submission

Join the third annual IEEE BioSensors conference in San Diego, CA, USA from August 2-5, 2025! Dive into four days of the latest biosensor developments, emerging applications, tutorials, and keynote sessions.

IEEE BioSensors focuses on research, development, and application of biosensors and biosensing systems. Biosensors involve the use of a biological or chemical element to transduce a target measurand into a signal. Biosensing systems include electrochemical, optical, mechanical, material, and other instrumentation associated with biosensor measurements as well as sample preparation/processing, sample interfacing, and data processing/analytical methods specific to biosensors.

Examples of applications - Point of care diagnostics & monitoring devices; microanalytical systems (lab on chip, organ-on-chip, cell-based biosensors); wearable & implantable devices; bioprocess technology; environmental monitoring (water, air); agritech (horticulture, veterinary); biological/chemical warfare agent detection; high throughput drug discovery & testing.

ORGANIZING COMMITTEE

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TPC CHAIR

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TOPICS

- » Electrochemical Biosensors
- » Optical Biosensors
- » MEMs-based Biosensors
- » Lab-on-a-chip and microfluidic technologies
- » Cell-based Biosensors and Organ-on-chip Technologies
- » Novel receptors and immobilization methods
- » Point-of-care diagnostics, disposable devices
- » Wearable and implantable biosensor systems
- » Special Topics in Biosensors
- » Live Demos

PUBLICATION OF PAPERS

Presented papers will be included in the Proceedings of IEEE BioSensors 2025 and in IEEE *Xplore*® pending author requirements being met. Authors may submit extended versions of their paper to the *IEEE Sensors Journal*. Alternatively, authors will have the option to submit a 4-page paper to a Special Issue of the *IEEE Sensors Letters*, and if accepted, present at a IEEE BioSensors 2025.

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 Caroline Kravec, ckravec@conferencecatalysts.com



For more information please visit us at ieee-biosensors.org