

## CALL FOR PAPERS

### IMPORTANT DATES

**January 15, 2026**  
Paper Submission Opens

**February 1, 2026**  
Tutorial Proposal  
Submission Deadline

**February 7, 2026**  
Option B: Submit to IEEE  
Sensors Letters

**March 21, 2026**  
Option A: Submit to the  
IEEE BioSensors 2026  
Proceedings

Option C: Submit Short  
Abstract

**April 22, 2026**  
Notification of Acceptance

**May 22, 2026**  
Final Submission

### ORGANIZING COMMITTEE

#### GENERAL CHAIRS

**Panavy Pookaiyaudom**  
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#### TPC CHAIRS

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**Stefano Bonaldo**  
University of Padova



Join the fourth annual IEEE BioSensors conference in Bangkok, Thailand from August 2-4, 2026! 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.

### 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, Ingestible, and Implantable Biosensor Systems
- » Special Topics in Biosensors
- » Live Demos

### PUBLICATION OF PAPERS

Presented papers will be included in the Proceedings of IEEE BioSensors 2026 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 2026.

### OPTION B – IEEE SENSORS LETTERS

Authors with papers specifically focused on sensors may submit directly to IEEE Sensors Letters using the journal's submission system and template. During submission, select "IEEE SENSORS" as the article type to be considered for inclusion in the IEEE SENSORS Conference program.

Papers not accepted under Option B may be revised and resubmitted under Option A after addressing reviewer comments. Resubmission is not automatic and will undergo standard conference review.

### 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 Hannah Zehner, [hzehner@conferencecatalysts.com](mailto:hzehner@conferencecatalysts.com)