

# IEEE Bi+CAS 2026

22<sup>nd</sup> IEEE CONFERENCE ON  
BIOMEDICAL CIRCUITS AND SYSTEMS

October 8-10, 2026

Songdo Convensia, Incheon, Korea

**“From Chips to Care: Intelligent Circuits and Systems for Next-Generation Medicine”**



## About BioCAS

BioCAS is a premier international forum for presenting interdisciplinary research and development activities at the crossroads of medicine, life sciences, physical sciences and engineering that shape tomorrow's medical devices and healthcare systems. This conference brings together members of our communities to broaden their knowledge in emerging areas of research at the interface of life sciences and circuits and systems engineering. BioCAS features a multidisciplinary three-day single-track program covering topics in Biomedical Technologies and Applications as well as Emerging Technologies.



## Topics of Interests

### Biomedical Technologies

- Biosensor Devices and Interface Circuits
- Body Area/Sensor Networks and Wireless Health Monitoring.
- Implantable and Wearable Health Devices and systems.
- Bio-Inspired and Neuromorphic Circuits and Systems.
- Electronics for Neuroscience.
- Innovative Circuits for Medical Applications.
- Blofeedback, Neuromodulation, and Closed-loop Systems.
- Assistive, Rehabilitation, and Quality of Life Technologies.
- Biotelemetry and Energy Harvesting/Scavenging Circuits and Systems.
- Lab-on-Chip / BioMEMS / Point-of-Care Device.

### Biomedical Applications

- Artificial Intelligence of Things (AIoT) for Healthcare.
- Biomedical Imaging and Image Processing.
- Bio-signal Recording, Processing, and Machine Learning.
- Multimodal Medical Wearables.
- Medical Information Systems and Bioinformatics.

### Emerging Technologies

- Flexible Devices and Circuits for Biomedical Applications
- Brain-computer Interfaces.
- Large-language Models for Healthcare



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A futuristic city that will lead a brilliant future



## IMPORTANT DATES

May 18, 2026

Special Session Proposals

May 25, 2026

Regular Paper Submission

June 26, 2026

Live Demo Submission

August 3, 2026

Author Notification

August 24, 2026

Final Paper Submission  
and Author Registration

## ORGANIZING COMMITTEE

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