

21st IEEE Biomedical Circuits and Systems
Conference - IEEE BioCAS 2025

 16 – 18 Oct 2025

 Khalifa University, Abu Dhabi, UAE

ABOUT IEEE BioCAS 2025

BioCAS 2025 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.

Website: <https://2025.ieee-biocas.org/>

Conference Topics:

The three-day single- track program of BioCAS 2025 is multidisciplinary with topics including but not limited to:

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
- Biofeedback, 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 Devices

Biomedical Applications

- BArtificial 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

Biomedical Applications

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

Key Dates:

Conference Dates:
October 16 – 18, 2025

Special Session Proposals:
June 6, 2025

Regular Paper Submission:
June 6, 2025

Live Demo Submission:
June 27, 2025

Author Notification:
August 1, 2025

Camera-Ready Paper
Submission and Author
Registration: September 5, 2025

Benefits	Platinum	Gold	Silver	Bronze	Exhibitors
Booth size (shell scheme)	24 sqm	18 sqm	12 sqm	9 sqm	9 sqm
Recognition during the opening ceremony	✓	✓	✓	✓	✗
Logo, profile and hyperlink on the conference website	✓	✓	✓	✓	✓
Logo on all conference collaterals and onsite branding	✓	✓	✓	✓	✓
Acknowledgement on KU social media pages	✓	✓	✗	✗	✗
Industry session presentation (10 minutes)	✓	✗	✗	✗	✗
Bag inserts	✓	✓	✓	✓	✗
Complimentary registrations	5	4	3	2	1
Exhibition Pass	10	5	3	2	1
Rate	\$ 20,000	\$ 15,000	\$ 10,000	\$ 5,000	\$ 2,500

Additional Opportunities (Available only for platinum and gold sponsors - first come first serve)

- Conference Bag Sponsor: company logo will appear on conference satchels - \$ 4000

Lanyards Sponsor: company logo will appear on conference lanyards - \$ 4000

Conference Welcome Reception Sponsor: company logo will appear on conference welcome reception venue - \$ 7000

Coffee break sponsor: sponsor’s logo will appear on one coffee break stations front - \$ 4000

The Conference Sponsorship Opportunities & Packages:

Contact Details: