

# Bi+CAS 2019

Biomedical Circuits and Systems Conference

Nara, Japan | October 17-19, 2019



## CALL FOR PAPERS

### ORGANIZERS

#### GENERAL CO-CHAIRS

**Jun Ohta, Ph.D.**

Nara Institute of Science & Technology,  
Japan

**Kazuaki Sawada, Ph.D.**

Toyohashi University of Technology,  
Japan

#### TECHNICAL PROGRAM CO-CHAIRS

**Maysam Ghovanloo, Ph.D.**

Georgia Institute of Technology, USA

**Roland Thewes, Ph.D.**

Berlin Institute of Technology, Germany

**Takashi Tokuda, Ph.D.**

Nara Institute of Science & Technology,  
Japan



Intelligent symbiosis of man and machine to improve health

### IMPORTANT DATES

**Monday, April 22, 2019** EXTENDED

Special Session Proposal  
Deadline

**Monday, June 24, 2019**

Regular Paper Submission  
Deadline

**Monday, July 15, 2019**

Live Demo Submission Deadline

**Monday, August 12, 2019**

Author Notification Date

**Friday, August 30, 2019**

Final Paper Submission Deadline

BioCAS 2019 is a premier international forum for presenting the 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 the life sciences and the circuits and systems engineering. The three-day single-track program for BioCAS 2019 is multidisciplinary in topics including but not limited to:

#### Biomedical Technologies

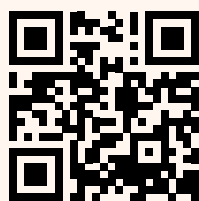
- Assistive, Rehabilitation, and Quality of Life Technologies
- Biofeedback, Neuromodulation, and Closed-Loop Systems
- Bio-Inspired and Neuromorphic Circuits and Systems
- Biosensor Devices and Interface Circuits
- Biotelemetry and Energy Harvesting/
- Scavenging Circuits and Systems
- Body Area/Sensor Network and Wireless/Wearable Health Monitoring
- Electronics for Neuroscience
- Implantable Medical Electronics
- Lab-on-Chip and BioMEMS
- Point-of-Care Technologies for Healthcare

#### Biomedical Applications

- Biomedical Imaging and Image Processing
- Biosignal Recording, Processing, and Machine Learning
- Human-Machine Interfaces
- Medical Information Systems and Bioinformatics

#### Submission Guidelines

The complete 4-page paper (in standard IEEE double-column format), including the title, authors' names, affiliations and e-mail addresses, as well as a short abstract and an optional demonstration video link (3 minute max) are requested. Papers must be submitted electronically in PDF format through [www.biocas2019.org](http://www.biocas2019.org).



Please visit:

[www.biocas2019.org](http://www.biocas2019.org)