

# Bi+CAS 2019

## Biomedical Circuits and Systems Conference

Intelligent Symbiosis of Man and Machine to Improve Health  
Nara, Japan | October 17-19, 2019

# Call for Special Sessions

The BioCAS 2019 Organization Committee invites proposals for Special Sessions to be conducted on October 18-19, 2019, the second and third days of the **2019 IEEE Biomedical Circuits and Systems Conference** in Nara, Japan. Each Special Session should contain 5 lecture presentations and last ~1.5 hours, including Q&A.

Special Sessions are an integral part of the BioCAS Conference where presenters have the opportunity to share their expertise on a focused or topical research area with fellow researchers and those who wish to discover this area. We are soliciting proposals for areas of academic and industrial/applied interest. These areas may be established or emerging and should be interesting and engaging to the attendees.

BioCAS 2019 is particularly interested in Special Sessions that are related to the conference theme: **"Intelligent symbiosis of man and machine to improve health"**. Special Sessions in all the following areas of biomedical circuits and systems are welcomed:

### 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

# Special Session Proposals

Please submit your Special Session proposal by email to Conference Manager, Jennifer Herring (jherring@conferencecatalysts.com) and copy Conference Co-Chair, Jun Ohta, Ph.D. (ohta@ms.naist.jp). Your email subject line should read: BioCAS 2019 Special Session Proposal.

The proposal should include a (maximum) two-page description of the Special Session (see below for details) and one-page professional biography of you that highlights **your qualifications, track record in the proposed subject area of the Special Session, and relevant previous experience in organizing such sessions**. In case you are co-organizing the Special Session with someone else, please include this information for both organizers. Your two-page proposal should contain the following information:

1. **Title and Abstract:** Propose a title and an abstract (short description) that allows conference attendees to quickly and accurately understand the topics that will be covered during the Special Session.
2. **Motivation and Focus:** Explain why your chosen topical area is important to the BioCAS community and what you hope attendees will learn by attending your Special Session.
3. **Description of the Special Session:** In this section, please provide a list of 5 contributed papers (including titles, authors with affiliations, and a short abstract) that together define the content of the Special Session. No more than 5 papers should be included, given the 1.5 hours available (including Q&A). **Furthermore, each Special Session co-organizer can contribute a maximum of 1 paper to the proposed Special Session.**

## BioCAS 2019 Special Session Co-Chairs

**Guoxing Wang, Ph.D.,**

Shanghai Jiao Tong University, China

**Timothy Constandinou, Ph.D.,**

Imperial College London, United Kingdom

**Gert Cauwenberghs, Ph.D.,**

University of California San Diego, USA

## Important Dates

Special Session Proposal Submission: **April 22, 2019**

Special Session Proposal Acceptance Notification: **May 6, 2019**

