IEEE
BiOCAS2015
Biomedical Circuits and Systems Conference

BioCAS 2015 serves as a premier international forum for presenting the interdisciplinary research and development activities at the crossroads of medicine, life sciences, physical sciences and engineering that will shape tomorrow's medical devices and healthcare systems.

This conference will enable 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 2015 is multidisciplinary in topics including but not limited to:

▶ Assistive, Rehabilitation, and Quality of Life Technologies
▶ Bio-inspired and Neuromorphic Circuits and Systems
▶ Biofeedback, Electrical Stimulation, and Closed-Loop Systems
▶ Biomedical Imaging Technologies & Image Processing
▶ Biosensor Devices
▶ Biosensor Interfacing Circuits
▶ Biosignal Processing
▶ Body Area/Sensor Network
▶ Brain Machine Interfaces
▶ Electronics for Brain Science
▶ Genomics and Systems Biology
▶ Implantable Electronics
▶ Innovative Circuits for Medical Applications
▶ Lab-on-Chip & BioMEMS
▶ Medical Information Systems and Bioinformatics
▶ Wireless and Energy Harvesting/Scavenging Technology

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.biocas2015.org.

Conference Chairs:

General Chair:
Maysam Ghovanloo, Georgia Tech - Atlanta

Technical Program Chairs:
Jennifer Hasler, Georgia Tech - Atlanta
Gert Cauwenberghs, University of California - San Diego
Sandro Carrara, EPFL - Lausanne

Important Dates:

Special Session Proposal Deadline
April 20, 2015

Paper Submission Deadline
June 1, 2015

Demonstration Proposal Submission Deadline
July 15, 2015

Author Notification Date
August 10, 2015

Author Registration Deadline
August 31, 2015