

CALL FOR PARTICIPATION

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IMPORTANT DATES

August 31, 2018

Advance Registration Deadline

October 12, 2018

Poster Submission Deadline

October 19, 2018

Regular Registration Deadline



Please visit:

www.biocas2018.org



NeuroCAS 2018 is a collaborative workshop bringing together electronic engineers with an interest in neurotechnology, and key experts invited from the wider community, for example, neuroscience, neurosurgery, medical devices, and industry.

Participants will explore challenges in neurotechnology from across the areas of central and peripheral nervous system interfaces. **The 2018 workshop will in particular focus on ECoG and peripheral/autonomic nervous systems interfaces and prostheses.**

Workshop Format

A mixture of structured discussions and informal networking will encourage participants to generate novel research ideas and build new collaborations in response to the problems presented. Real-time peer review will help refine those ideas into nascent research proposals and there will be an opportunity to apply for a travel grant to pursue further collaborative work.

An experienced science writer will be present throughout the workshop so that the outputs can be synthesized into articles for publication and shared with the wider neurotechnology community.

Call for Posters

The research breadth of NeuroCAS 2018 workshop will be showcased in an informal evening poster session. ALL participants are invited to bring posters for presentation during the evening session. These can be of previous or recently published work (e.g. relevant posters from BioCAS 2018).

It is essential to upload posters through at <https://goo.gl/forms/ISFASJo6VTAelYSw1> (these can be updated up to one week before the workshop).

Poster registration is required to: (1) Check all the posters are in scope, and (2) be included in materials shared with all participants.

Invited Speakers

Tim Denison, Ph.D.
University of Oxford, UK
"neural co-processors: from theory to practice"

Jeffrey L. Ardell, Ph.D.
UCLA Cardiac Arrhythmia Center, USA
"System Design for High Fidelity Mapping"

Andrew Jackson, Ph.D.
Newcastle University, UK
"Closed-Loop Neural Interfaces"

Gerwin Schalk, Ph.D.
Wadsworth Center, New York State Dept. of Health, USA
"Electrocorticographic neural interfaces: The challenges ahead"

Brian Pepin, MSEE
Verily Life Sciences, USA / Galvani Bioelectronics, UK
"Technical Challenges in Electroceuticals - an industry perspective"

Joern Rickert, Ph.D.
CorTec GmbH
"Engineering the next generation of peripheral & cortical electrodes"

Please check BioCAS website for latest information.