

CALL FOR PAPERS, CNS*2008

SUBMISSION DEADLINE: February 8, 2008

SUBMISSION OPEN: January 21, 2008

Seventeenth Annual Computational Neuroscience Meeting CNS*2008

July 19 - July 24, 2008

Portland, Oregon

<http://www.cnsorg.org>

CNS*2008 will be held in Portland, Oregon July 19-24, 2008. A welcome reception will be held on the evening of July 19th and the scientific program will start Sunday, July 20th in the morning. The main meeting will take place July 20-22 in downtown Portland at The Benson Hotel, currently listed on the National Register of Historic Places, and a Portland landmark. The main meeting will be followed by two days of workshops, July 23-24 at the OHSU Center for Health and Healing, at the foot of the Aerial tram to OHSU. The meeting banquet will be held July 21.

Submissions can include experimental, model-based, as well as more abstract theoretical approaches to understanding neurobiological computation. We especially encourage research that mixes experimental and theoretical studies. We also accept papers that describe new technical approaches to theoretical and experimental issues in computational neuroscience or relevant software packages.

This year we are having a **Special Session on Systems Biology and Molecular Level Modeling in Neuroscience.**

INVITED SPEAKERS:

Upinder Bhalla (National Centre for Biological Sciences, India)

Kim (Avrama) Blackwell (George Mason University)

John Rinzel (New York University)

Thomas Soderling (Oregon Health Sciences University)

CALL FOR WORKSHOP PROPOSALS:

We are accepting proposals for workshops (Half-day to two days in length)

(http://www.cnsorg.org/cns_meeting_workshops.htm). If you want to propose a workshop please contact the workshop coordinator, Dieter Jaeger, at workshops@cnsorg.org.

An archive of workshops held at last year's meeting is at

<http://www.cnsorg.org/Archives2007.htm>

PAPER SUBMISSION:

Submissions to the meeting will take the form of a formatted abstract (to be published). Authors wanting an oral presentation are required to also submit a 1-3-page summary (for the CNS

reviewers only) describing the nature, scope and main results of the work in more detail. The summaries will be reviewed to construct the oral program. Details regarding formatting of submissions will be posted at www.cnsorg.org. All submissions will be acknowledged by e-mail.

THE REVIEW PROCESS:

Submissions will be judged and accepted for the meeting based on clarity, substance and appropriateness for the meeting. It is particularly important that the biological relevance of the research be made clear. CNS strongly believes in the open exchange of ideas and rejections are usually based on absence of biological relevance (e.g., pure machine learning). We will notify authors of meeting acceptance by the first week of April.

Submissions to be considered for oral presentation will be reviewed by two independent referees and results of the review process will be used to construct the oral program. In addition to perceived quality and significance, the novelty of the research and the diversity and coherence of the overall program will be considerations for selection as an oral presentation. We particularly encourage women and underrepresented minorities to apply for an oral presentation. To ensure diversity, those who have given talks in the recent past will not be selected and multiple oral presentations from the same lab will be discouraged. Most oral presentations will be 20 minutes in length, but a few papers will be selected for longer "featured oral" presentations. All accepted papers not selected for oral talks may be presented during the poster sessions. Authors will be notified of the presentation format of their papers by the end of April.

ABSTRACT PUBLICATION:

The formatted abstracts will again be published as a Supplement to the online journal BMC Neuroscience. Last year's abstracts are at <http://www.biomedcentral.com/1471-2202/8?issue=S2>

ORGANIZING COMMITTEE:

The CNS meeting is organized by the Organization for Computational Neuroscience

President: Ranu Jung (Arizona State University, USA)

Program chair: Bill Holmes (Ohio University, USA)

Program co-chair: Don Johnson (Rice University, USA)

Local organizer: Patrick Roberts (Oregon Health Sciences University, USA)

Workshop coordinator: Dieter Jaeger (Emory University, USA)

Program Committee:

Victoria Booth (University of Michigan, USA)

Sharon Crook (Arizona State University, USA)

Markus Diesmann (RIKEN, Japan)

Alex Dimitrov (Montana State University, USA)

Jeanette Hellgren-Kotaleski (Karolinska Institute, Sweden)

Theoden Netoff (University of Minnesota, USA)

Hiroshi Okamoto (RIKEN, Japan)

Astrid Prinz (Emory University, USA)

Michelle Rudolph (CNRS, France)

Harel Shouval (University of Texas Medical Center, USA)

Volker Steuber (University of Herfordshire, UK)

OCNS - Organization for Computational Neurosciences, Inc.

<http://www.cnsorg.org>