



Neuro Informatics 2013

Stockholm, Sweden | August 27 - 29

IEEE
Technical co-sponsor
EMB
Abstract submission deadline: April 29

Special session on large-scale brain initiatives

Tom Insel

National Institute of Mental Health
The BRAIN Initiative

Clay Reid

Allen Institute for Brain Science
Neural Code and Project MindScope

Keynote lectures

Brain function in healthy aging

Apostolos Georgopoulos
University of Minnesota

Computing architectures for data-intensive applications

Randal Burns
The Johns Hopkins University

Electromicroscopy circuit reconstruction

Fred Hamprecht
Ruprecht Karls University

Lexical analysis in biomedicine

Sophia Ananiadou
University of Manchester

Neuroimaging data integration and meta-analysis

Barbara Franke
Radboud University Medical Centre in Nijmegen

Systems biology of circadian rhythms

Hiroki R. Ueda
RIKEN Quantitative Biology Center

Workshops

Analysis and interpretation of massively parallel electrophysiological data

Chair: Sonja Grün

Nicholas Hatsopoulos, Jonathan Pillow, Rob Kass, Matteo Carandini

The informatics underlying meta-analysis and reproducibility in neuroimaging

Chair: Jessica Turner

Satrajit Ghosh, Tal Yarkoni, Gully Burns, Angie Laird

Orion Bionetworks: Predictive models powering the search for cures

Chair: Magali Haas

Robert McBurney, Philip De Jager, Jamie Heywood, Iya Khalil, Stephen Larson

Transfer entropy: an information theoretic tool of choice for brain research

Chair: Zbigniew R. Struzik

Zbigniew R. Struzik, Daniele Marinazzo, Demien Battaglia, and Michael Wibral



Artwork by Nina Johansson
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