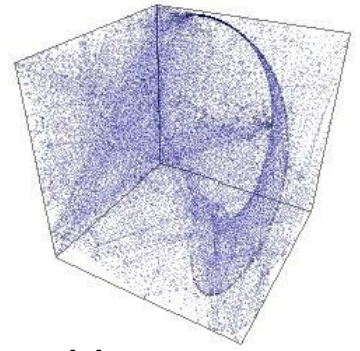


CALL FOR PRESENTATIONS AUTONOMOUS NEURODYNAMICS 2013 (SAND X)



Meeting Dates: August 5-7, 2013
Location: Pune, India
Website: www.utoronto.ca/sand/

A multi-disciplinary meeting exploring free dynamics in networks and the relation of neurodynamics to neurological conditions and autonomous activity.

The 10th annual meeting of the Society for Autonomous Neurodynamics (SAND) will take place on August 5th, 6th and 7th, 2013 at the Indian Institute for Science Education and Research, Pune, Maharashtra, India.

We are soliciting participants from a range of fields interested in Autonomous Neurodynamics. If you would like to present work relating to these topics please register online by June 28th, 2013 at: <http://www.utoronto.ca/sand/PAND2013/>

We encourage entries from a diversity of backgrounds and welcome both exploratory and advanced research. Presentations should be 15 minutes in length. Sessions are meant to be dynamic and will include open discussions. Presentations may be considered for inclusion in a special post-conference publication.

CONFERENCE SCOPE:

Autonomous Neurodynamics describes interactive systems that can change activity both in response to and independently of the environment. Presentations will focus on the theoretical underpinnings and implications of autonomous dynamics in relation to neural activity, cognition, social systems and general network dynamics. Sessions may encompass a broad array of approaches including presentations from mathematics, physics, philosophy, psychology, social studies, computational and theoretical neurosciences.

CONFERENCE TOPICS:

- Physiology, Sensorimotor Systems & Behavior
- Neurology and Clinical Perspectives, (e.g., Epilepsy, Parkinson's, Alzheimer's)
- Attention, Sleep, Addiction & Creativity
- Neurogenetics, Neuroanatomy and Network Theory
- Computation & Information Theory
- Biochemistry, Pharmacology & Nutrition
- Hormones and Reproduction
- Philosophy of Mind, Epistemology, Metaphysics
- Environmental Factors, Green Neuroscience
- Embodied Modeling / Autonomous Agents
- Cognitive Science & Cognitive Neuroscience
- Personal and Community Narratives
- Gender and Cultural Studies
- Social Sciences, Social Work,
- Dynamical Systems, Nonlinear Analysis
- Noise / Stochasticity / Randomness / Entropy

In addition to these topics we welcome novel approaches and interdisciplinary research that can synthesize findings from various fields. Presentations may also consider the implications of research findings on ethical theory, autonomy and health. In celebration of our 10th assembly, this year will include a special focus on the "Art of Being Free".

PUNE, INDIA

SAND X will be held at the Indian Institute of Science Education and Research (IISER) in Pune, India. Pune is a main center of higher learning in the state of Maharashtra and its cultural capital. This city is a vibrant combination of historical sites, green spaces, and a thriving music scene. In a continuation of the SAND tradition, the conference presentations will be followed by a multi-day outdoor excursion in which ideas are exchanged and collaborations planned in a more informal, free and dynamic environment. The excursion is also meant to help place the discussions of the meeting within the context of the world. Our hosts this year will guide the group on a hike in the Western Ghats, a beautiful mountain range and biodiversity hot spot. Limited spots.



SPONSORS:

• Indian Institute of Science Education and Research (IISER) • The Green Neuroscience Laboratory • NeuroInx Research Institute • University of Toronto Epilepsy Research Program (UTERP) • Stichting Epilepsie Instellingen Nederland (SEIN) • Institute of Experimental Physics, Warsaw University • North American Taiwanese Professors' Association, Southern California •