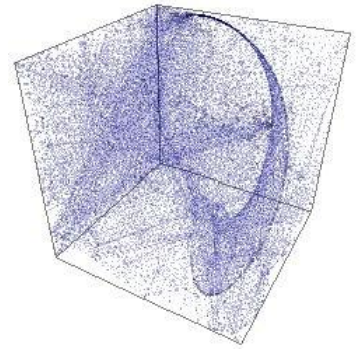


CALL FOR PRESENTATIONS AUTONOMOUS NEURODYNAMICS 2011



Meeting Dates: July 18-20, 2011
Location: Bangkok, Thailand
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 8th annual meeting of the Society for Autonomous Neurodynamics (SAND) will take place on July 18th, 19th and 20th, 2010 at the Bangkok General Hospital and Srinakharinwirot University.

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 30th, 2011 at: <http://www.utoronto.ca/sand/PAND2011/>

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, Neuropsychanalysis
- Neuroanatomy and Network Theory
- Neurogenetics and Pathobiology
- Pharmacology, Nutrition and Biochemistry
- Hormones and Reproduction
- Philosophy of Mind, Epistemology, Metaphysics
- Dynamical Systems
- Embodied Modeling / Autonomous Agents
- Cognitive Science & Cognitive Neuroscience
- Personal Narratives
- Gender Studies
- Social Sciences, Social Work
- Nonlinear Analysis
- Computation and Information Processing
- Noise / Stochasticity / Randomness

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.

BANGKOK AND THAILAND ACTIVITIES:

Bangkok, the energetic capital of Thailand, is a nexus for urban culture, modern science, traditional healing, and a port of entry to nature. For many participants, this will be the first encounter with this great city that plays an important role in the region and world today. As in previous years, the conference presentations will be followed by an outdoor adventure in which ideas are exchanged and collaborations planned in a more informal, free and dynamic environment. This year the post-presentation events include a trip to Thailand's mountains and possibilities for diving, yoga and meditation.



SPONSORS:

- Srinakharinwirot University • Bangkok General Hospital • The Neurological Society of Thailand (NST)
- University of Toronto Epilepsy Research Program (UTERP) • Stichting Epilepsie Instellingen Nederland (SEIN)
- Institute of Experimental Physics, Warsaw University