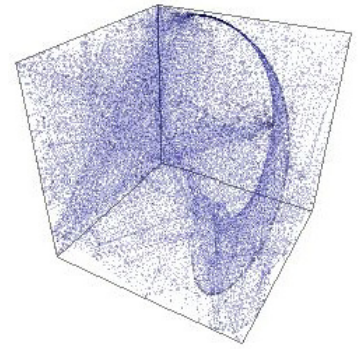


CALL FOR PRESENTATIONS AUTONOMOUS NEURODYNAMICS 2010



Meeting Dates: August 23-25, 2010
Location: The University of Toronto, Toronto, Canada
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 7th annual meeting of the Society for Autonomous Neurodynamics (SAND) will take place on August 23rd, 24th and 25th, 2010 at the University of Toronto, Toronto, Canada. The meeting will be held in collaboration with the University of Toronto Epilepsy Research Program's (UTERP) Annual Meeting (August 23rd).

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 August 9th, 2010 at: <http://www.utoronto.ca/sand/PAND2010/>

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
- Dynamical Systems
- Embodied Modeling / Autonomous Agents
- Cognitive Science
- Personal Narratives
- Gender and Social Sciences
- 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.

CITY OF TORONTO & CANADIAN WILDERNESS ACTIVITIES:

The conference will take place in Toronto, Canada. Toronto is Canada's largest city and is famous for its diversity and vibrant culture. Returning and new participants alike will enjoy the eclectic mix of distinctive neighborhoods, museums, festivals and night life as the city comes alive with summer energy.



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 will include a canoe excursion on Georgian Bay in the beautiful Massasauga Provincial Park near Parry Sound, Ontario.

SPONSORS:

- University of Toronto Epilepsy Research Program (UTERP) • Program in Neuroscience, University of Toronto (PIN)
- Stichting Epilepsie Instellingen Nederland