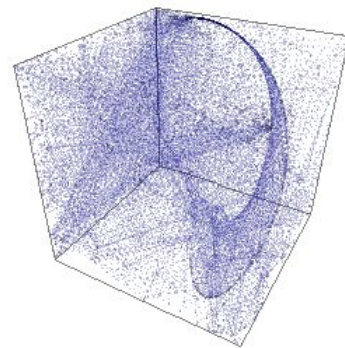


CALL FOR PRESENTATIONS AUTONOMOUS NEURODYNAMICS 2009



Meeting Dates: July 27-29, 2009
Location: UCSD, La Jolla, California
Website: www.utoronto.ca/sand/

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

The 6th annual meeting of the Society for Autonomous Neurodynamics (SAND) will take place on July 27th, 28th and 29th, 2009 at the University of California San Diego (UCSD) in La Jolla, California.

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 July 17th, 2009 at: www.utoronto.ca/sand/PAND2009/

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, computational and theoretical neurosciences.

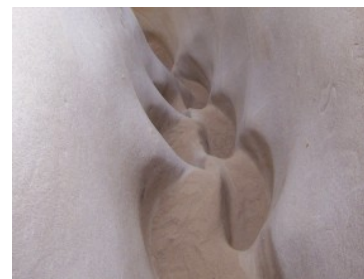
CONFERENCE TOPICS:

- Physiology, Sensorimotor Systems & Behavior
- Neuroanatomy and Network Theory
- Neurogenetics and Pathobiology
- Pharmacology, Nutrition and Biochemistry
- Hormones and Reproduction
- Cognitive Science
- Personal Narratives
- Gender and Social Sciences
- Neurology and Clinical Perspectives, (e.g., Epilepsy, Parkinson's, Alzheimer's)
- Neuropsychanalysis
- Dynamical Systems and Embodied Modeling
- Attention, Sleep, Addiction
- Computation and Information Processing
- Nonlinear Analysis
- 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.

LA JOLLA, SAN DIEGO AND ACTIVITIES:

The conference will take place in La Jolla, California. La Jolla is a major international hub for neuroscience research (sometimes called "neuron valley") and the home to UCSD and the Salk institute. The picturesque town is located on the legendary palm-lined shores of Southern California and only minutes away from the city of San Diego with its many attractions. 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 surfing, diving and a desert excursion.



SPONSORS:

- University of Toronto Epilepsy Research Program (UTERP) • Program in Neuroscience, University of Toronto (PIN)
- The Institute for Neural Computation (INC) and Department of Cognitive Science UCSD
- Stichting Epilepsie Instellingen Nederland