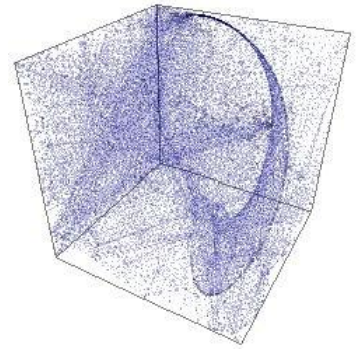


CALL FOR PRESENTATIONS AUTONOMOUS NEURODYNAMICS 2012



Meeting Dates: August 22-24, 2012
Location: San Diego, California
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 9th annual meeting of the Society for Autonomous Neurodynamics (SAND) will take place on August 22nd, 23rd and 24th, 2012 at the Green Neuroscience Laboratory, San Diego, 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 August 3rd, 2012 at: <http://www.utoronto.ca/sand/PAND2012/>

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.

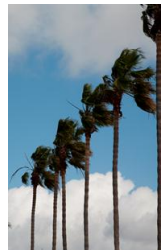
CONFERENCE TOPICS:

- 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
- 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
- Computation & Information Theory
- 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. This year will include a special focus on the "greening" of our approaches to the study of autonomy.

SAN DIEGO, LA JOLLA & BAJA ACTIVITIES:

The conference will take place in San Diego and La Jolla, California. Well known for its sunny climate, sandy beaches, and laid-back air the area also houses energetic communities of innovators, original thinkers and creative researchers. 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's post-presentation event will take us into Mexico for a "SAND and Sea Baja Excursion", down the coast of Baja California to Ensenada with opportunities for hiking, diving, surfing, yoga and meditation. Limited spots.



SPONSORS:

• The Green Neuroscience Laboratory • Neurolinx 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