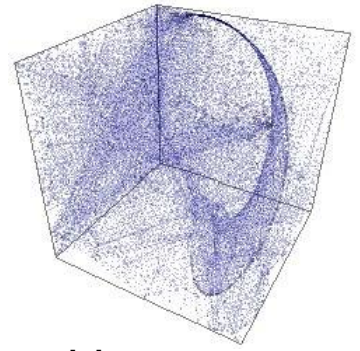


# CALL FOR PRESENTATIONS AUTONOMOUS NEURODYNAMICS 2014 (SAND XI)



**Meeting Dates:** July 7-9, 2014  
**Location:** Paris, France  
**Website:** [www.utoronto.ca/sand/](http://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 11th annual meeting of the Society for Autonomous Neurodynamics (SAND) will take place on July 7, 8 and 9th, 2014 at the Pasteur Institute, in Paris, France. We are now 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 Friday, May 30th, 2014 at: <http://www.utoronto.ca/sand/PAND2014/>

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.

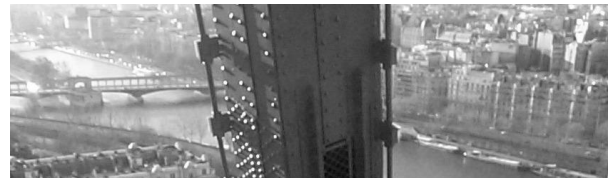
## CONFERENCE TOPICS:

- 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
- Anthropology, 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. This year will include a special focus on the interactions of open science and autonomous dynamics.

## PARIS, FRANCE

SAND XI will be held in the center of Paris at the Pasteur Institute. A world center of culture, the arts and intellectual gatherings, Paris has borne witness to extraordinarily dramatic scientific, philosophical, social and cultural movements. The nature of autonomy and freedom has been the subject of long-standing existentialist, artistic and political debates sparked in legendary Parisian cafes and salons that engrossed local and expat visionaries alike. In a continuation of the SAND tradition, the conference presentations will be followed by a multi-day outdoor scientific retreat 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. This year, the scientific retreat will take place in the Cévennes of south-central France, including a hike along the Robert Louis Stevenson trail. Limited spots.



## SPONSORS:

- Human Genetics & Cognitive Functions Lab • Pasteur Institute • The Green Neuroscience Laboratory • NeuroInx Research Institute • Hack Your PhD • University of Toronto Epilepsy Research Program (UTERP) • Stichting Epilepsie Instellingen Nederland (SEIN) • Institute of Experimental Physics, Warsaw University • Greenspiration Foundation, Canada •