

Fifth Joint CNPP – Kyoto University Workshop
2014, October 3rd – Paris Descartes University

- 9.00-09.20 **Coffee & Croissants**
- 9.20-9.30 Welcome address from David Hansel
- 9.30-10.00 Shigeru Shinomoto – Kyoto U
Reading Neuronal Spike Trains.
- 10.00-10.30 Yasuhiro Mochizuki – Kyoto U
Classifying Neuronal Spike Trains as Analog or Digital Coding.
- 10.30-11.00 Tomokatsu Onaga – Kyoto U
Intrinsic Fluctuations in Networks of Spiking Neurons.
- 11.00-11.30 **Coffee Break**
- 11.30-12.00 Claude Meunier – CNPP
Motoneurons: From Physiology to Dynamical Systems.
- 12.00-12.30 Carl van Vreeswijk – CNPP
Dynamics of Balanced Networks with Bi-directional Connectivity.
- 12.30-13.00 Arthur Leblois – CNPP
Universal Babbling Behavior and How to Generate it from Neuronal Variability.
- 13.00-14.00 **Lunch Break**
- 14.00-14.30 Mélodie Durnez – CNPP
Working Memory: Exploration of its Neuronal Dynamics through Data Analysis.
- 14.30-15.00 Alessandro Barri – CNPP
Storing an Extensive Number of Memories in a Balanced Network.
- 15.00-15.30 Takafumi Arakaki – CNPP
Abnormally Strong Striatal Feedforward Inhibition Is Critical for Absence Epilepsy.
- 15.30-16.00 **Coffee Break**
- 16.00-16.30 Shrisha Rao – CNPP
Efficient Simulations of Large Spiking Networks with GP-GPU.
- 16.30-17.00 Gianluigi Mongillo – CNPP
Re-organization of Spiking Activity by Synaptic Volatility in a Cortical Network Model.
- 17.00-19.00 **Discussions**