



2ND NEUROSCIENCE ACROSS DISCIPLINES WORKSHOP
JANUARY 30TH 2013

- 1:30-1:40pm Opening Remarks
- 1:40-2:00pm *"Modelling perception and attention"* Marios Avraamides, PhD, Kleanthis Neocleous, PhD, Department of Psychology, University of Cyprus.
- 2:00-2:20pm *"Recent advances in the electrophysiological assessment of the vestibular system"* Eleftherios S. Papathanasiou PhD, Savvas S. Papacostas, MD, FAAN Clinic B, The Cyprus Institute of Neurology & Genetics.
- 2:20-2:40pm *"The Role of Cannabinoids in Learning and Memory: A theoretical neuroscience approach"* Margarita Zachariou, PhD, Chris Christodoulou, PhD, Department of Computer Science, University of Cyprus.
- 2:40-3:00pm *"Modelling the relationship between Local Field Potentials and spiking activity in the parkinsonian subthalamic nucleus"* Kyriaki Kostoglou, Georgios Mitsis, PhD, Department of Electrical and Computer Engineering, University of Cyprus.
- 3:00-3:30pm Coffee Break
- 3:30-3:50pm *"Understanding activations and timing in the brain and defining objective and quantifiable measures to index pathological deviations"* Andreas Ioannides, PhD, Laboratory for Human Brain Dynamics
- 3:50-4:10pm *"Correlating brain structure with behaviour: inter-individual differences in frontal and parietal brain areas predict spatial memory capacity"* Nikos Konstantinou, PhD, Fofi Constantinidou, PhD, Department of Psychology, University of Cyprus.
- 4:10-4:30pm *"A Spiking Neural Network for Person Localization Through Ground Vibrations"* Guillaume Garreau, PhD, Julio Georgiou, PhD, Department of Electrical and Computer Engineering, University of Cyprus.
- 4:30-4:50pm *"Understanding the neural code through exploration of the causes of firing"* Achilleas Koutsou, Chris Christodoulou, PhD, Department of Computer Science, University of Cyprus.
- 4:50-5:30pm Closing Remarks-Discussion

No registration required.

For more information contact Margarita Zachariou (mzachariou@cs.ucy.ac.cy)
or visit <http://www.cin.cs.ucy.ac.cy/events/nad2>