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

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