



## WORKSHOP

Wednesday 7.4.2010 Welcome reception in the evening, from 20:00

Thursday 8.4.2010

9:00-10:30 Session I, chaired by Bella Harutiunian-Kozak and including talks by  
**Hakan Gürvit** (Istanbul): *Memory processes in Normal Aging and Dementia*  
**Rufin Vogels** (Leuven): *Neural mechanisms of visual perceptual learning*  
**David Khachvankyan** (Yerevan) *Dynamics of neuronal receptive field spatial parameters in extrastriate area 21a of the cat cortex* (presented by Karen Safaryan)

10:30-11:00 Coffee break

11:00-12:00 Session II, chaired by Tamer Demiralp and including talks by  
**Rolf Würtz** (Bochum): *Artificial face and object memories*  
**Alumit Ishai** (Zurich): *Recognition memory is modulated by visual similarity*

12:00-15:00 Lunch and poster session, with at 14:00 a meeting of the students with  
**Susan Sara**, FENS-IBRO liaison, to review the school and the FENS-IBRO programme

15:00-16:30 Session III, chaired by Hossein Abbassian and including talks by  
**Mate Lengyel** (Cambridge) *Spontaneous activity reveals statistically optimal internal models in the visual cortex*  
**Nestor Parga** (Madrid): *Firing irregularity and pairwise correlations in theoretical descriptions of working memory tasks*  
**Sidney Wiener** (Paris): *Hippocampo-prefrontal activity during learning*

16:30-17:00 Tea break

17:00-18:30 Session IV, chaired by Merab Tsagareli and including talks by  
**Merab Tsagareli** (Tbilisi): *Pain as memory*  
**Mark van Rossum** (Edinburgh): *Synaptic learning rules: a drunk man's walk to remember*  
**Asaf Gilboa** (Haifa): *Rapid acquisition of novel associations in amnesia: A challenge to current theories of declarative memory*

20:00-22:00 Buffet dinner with **Hossein Abbasian** at the piano

Friday 9.4.2010

8:30-10:30 Session V, chaired by Konstantin Anokhin and including talks by  
**Armen Sargsyan** (Yerevan) *Models of synaptic plasticity - the key player in memory*  
**Konstantin Anokhin** (Moscow): *Neurobiology of memory reorganization during memory retrieval*  
**Ullrich Wagner** (Bangor): *The role of sleep in memory consolidation*

10:30-11:00 Coffee break

11:00-12:30 Session VI, chaired by Susan Sara and including talks by  
**Francesco Battaglia** (Amsterdam): *Grammar based models of semantic memory and memory consolidation*  
**Susan Sara** (Paris): *Memory in flux as an alternative to the consolidation-reconsolidation paradigm*  
**Roosbeh Kiani** (Stanford): *Choice certainty is informed by decision time*

13:30-19:30 Lunch bags and group visit, to the Matenadaran and to Khor Virap and Dvin

Saturday 10.4.2010

8:30-10:00 Session VII, chaired by Vaghinak Sargsyan and including talks by  
**Vaghinak Sargsyan** (Yerevan): TBA  
**Tamer Demiralp** (Istanbul): *What have we learned from human brain electrophysiology about memory processes?*  
**Pavel Itskov** (SISSA): *Independent snapshot memories in hippocampus: Representation of touch- and sound-guided behavior*

10:00-10:30 Coffee break

10:30-12:30 Session VIII, chaired by Françoise Dellu-Hagedorn and including talks by  
**Torsten Baldeweg** (UCLondon): *Memory outcome in children with hypoxic-ischemic injury and temporal lobe epilepsy*  
**Françoise Dellu-Hagedorn** (Bordeaux): *Inter-individual differences in cognition in the rat: relationships with mental disorders*  
**Rosie Cowell** (UCSD): *Virtual brain-reading: A connectionist approach to understanding fMRI*  
**Ashot Shahverdian** (Yerevan): *Avalanche memory in rotator networks*

12:30-15:00 Lunch and poster session, possibly with short talks by poster presenters

15:00-16:30 Session IX, chaired by Krzysztof Turlejski and including talks by  
**Onur Güntürkün** (Bochum): *The left and the right of vision*  
**Barry Richmond** (NIH): *Using incentive values to induce rapid and generalizable perceptual learning in monkeys*  
**Trygve Solstad** (Trondheim): *Memory and navigation in the activity of the rodent hippocampus*

16:30-17:00 Tea break

17:00-18:10 Session X, chaired by Onur Güntürkün and including talks by  
**Hugo Spiers** (UC London): *Dissociating the human hippocampal and parahippocampal roles in object-scene binding*  
**Krzysztof Turlejski** (Warsaw): *Memory that heals, memory that hurts*  
**All participants** (Everywhere): *Final discussion and projects for the future*

Evening – frugal Farewell dinner; departures start with late night flights  
We all thank the generosity of our local organizers in Yerevan, and of our funders and supporters

