

1st Winter School for Neuroscience Program

Time	Speaker
08:30-9:00	Mojtaba Zarei MD, PhD, MRCP (UK) Dean, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran. <i>Welcome message</i>
09:00-09:20	Mohammadreza Abolghasemi-Dehaqani, PhD Postdoc, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran. <i>Complementary Contributions of High-dimensional Representation and Noise Correlation to Cognitive Processes</i>
09:20-09:40	Khatereh Borhani, PhD Postdoc, Institute for Cognitive and Brain Sciences, Shahid Beheshti University, Tehran. <i>Lacking warmth: Alexithymia trait is related to warm-specific thermal somatosensory processing</i>
09:40-10:00	Zahra Ghasemi Esfahani, PhD Postdoc, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran. <i>To be confident precedes reporting the decision</i>
10:00-10:20	Zahra Sadeghi, PhD Research Associate, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran. <i>Cross-cutting Structure for Semantic Category Representation</i>
10:20-10:40	Tea Break
10:40-11:00	Zeinab Fazlali, PhD Postdoc, School of Cognitive Sciences, Institute for Research in Fundamental Sciences (IPM), Tehran. <i>Locus Coeruleus Modulation of Brain State and Sensory Coding in Rat Barrel Cortex</i>
11:00-11:20	Shima Tallohy Moineddin, MD, PhD Postdoc, School of Electrical Engineering Sharif University of Technology, Tehran. <i>Spiking activity and local field potentials in a parametric working memory task in rats</i>
11:20-11:40	Mehdi Adibi, PhD Postdoc, International School for Advanced Studies (SISSA), Italy. <i>Adaptive neural encoding in rodent somatosensory</i>
11:40-12:00	Amin Mirzaei, PhD Student Bernstein Center for Computational Neuroscience, University of Freiburg, Germany. <i>Sensorimotor processing in the basal ganglia leads to transient beta oscillations during behaviour</i>
12:00-13:00	Lunch
13:00-13:20	Sahar Pirmoradian, PhD Postdoc, Institute for Adaptive and Neural Computation, University of Edinburgh, UK. <i>Pan-retinal characterization of Light Responses from Ganglion Cells in the Developing Mouse Retina</i>
13:20-13:40	Payam Piray, PhD Postdoc, Donders Institute for Brain Cognition and Behaviour, Radboud University, Netherlands. <i>Seeing an angry face in an uncertain world disrupts human learning</i>
13:40-14:00	Hamed Nili, PhD Postdoc, Department of Experimental Psychology, University of Oxford, UK. <i>Orientation-dependence of objet-exemplar representations</i>
14:00-14:20	Habib Ganjgahi, PhD Postdoc, University of Oxford, UK. <i>Genetic Analysis of High Dimensional Neuroimaging Data</i>
14:20-14:40	Tea Break
14:40-15:00	Mohsen Omrani, MD, PhD Postdoc, Rutgers University, New Jersey, USA. <i>Sophisticated sensory processing for motor control</i>
15:00-15:20	Nima Khalighinejad, MD, PhD Postdoc, Institute of Cognitive Neuroscience, University College London (UCL), UK. <i>Neural mechanisms underlying voluntary action control in the human brain</i>
15:20-15:40	Ali Mahmoodi, PhD Student Bernstein Center for Computational Neuroscience, University of Freiburg, Freiburg, Germany. <i>Reciprocity of Social Influence</i>
15:40-16:00	Roosbeh Farhoodi, PhD Student Sharif University of Technology & Visiting scholar at Rehabilitation Institute of Chicago, Northwestern University, IL, USA. <i>Generating Neuron Morphologies using naive Bayes MCMC</i>