

Workshop on Deep Hierarchies in Vision In Conjunction with CogSys2012 - Vienna 2012 Program

Starts	Ends	Activity
8:45	9:00	Registration
9:00	9:15	Opening Speech
9:15	10:00	Invited Talk: Justus Piater, <i>"Spatial Distributions, Hierarchical Models and Visual Inference"</i>
10:00	10:25	Coffee break
10:25	11:10	Invited Talk: Peter Janssen, <i>"The neural representation of three-dimensional shape in the primate brain"</i>
11:10	11:50	11:10 N. Pugeault, S. Kalkan, <i>"A cognitive vision framework"</i> 11:30 G. Layher, M. Giese, H. Neumann, <i>"Learning intermediate level representations for implied motion and action sequence recognition"</i>
11:50	13:00	Lunch Break
13:00	13:45	Invited Talk: Laurenz Wiscott, <i>"Hierarchical Processing with Slow Feature Analysis"</i>
13:45	14:25	13:45 E. Billing, <i>"Towards hierarchical predictive learning"</i> 14:05 K. Miatliuk, S. Novikava, <i>"Geometrical representation based on the hierarchical system technology"</i>
14:25	14:50	Coffee break
14:50	15:30	14:50 A. Kuijper, <i>"The multi-scale hierarchy of shapes"</i> 15:10 N. Lyubova, D. Filliat, <i>"Developmental learning for object perception"</i>
15:30	16:10	15:30 E. Antúnez, R. Marfil, A. Bandera, <i>"Hierarchical perceptual organization of the image content using region and contour descriptors"</i> 15:50 C. Balkenius, B. Johansson, <i>"Attention modulation in hierarchical self-organizing convolution networks"</i>
16:10	17:00	Poster Session & Coffee break Posters M. Luciw, V. Kompella, J. Schmidhuber, <i>"Hierarchical incremental slow feature analysis"</i> J. R. Siddiqui, C. Lindley, C. Sennersten, <i>"A hierarchical modeling of spatial cognitive mapping for the navigation of mobile robots"</i> S. H. Lee, Y. B. Park, I. H. Suh, <i>"Image segmentation using bio-inspired two layer hierarchical depth estimation"</i> S. Mohammad, <i>"Biologically-inspired hierarchical models for segmentation and recognition of overlapped/occluded patterns"</i> A. Kuijper, <i>"The gaussian scale space hierarchy of images"</i> K. Miatliuk, F. Siemieniako, <i>"Hierarchical systems technology in quality testing of circuit boards"</i> S. Artemenkov, <i>"Transcendental psychology approach to a problem of modeling of visual processes"</i>
17:00	17:45	Invited Talk: Christian Igel, <i>"Learning Deep Architectures: Some Successes and Problems"</i>
17:45	18:00	Closing Remarks