



ThuPM1-5 Deep Neural Networks 2

Chair: Hayaru Shouno, Minho Lee

Room: Conference Room IV

13:20 - 13:40 Sparse Auto-encoder with Smoothed l1 Regularization
Li Zhang¹, Yaping Lu¹, Zhao Zhang¹, Bangjun Wang¹,
Fanzhang Li¹
¹Soochow University

13:40 - 14:00 Encoding Multi-resolution Two-stream CNNs for Action
Recognition
Xue Weichen¹, Zhao Haohua¹, Zhang Liqing¹
¹Shanghai Jiao Tong University

14:00 - 14:20 Improving Neural Network Generalization by Combining Par-
allel Circuits with Dropout
Kien Tuong Phan¹, Tomas Henrique Maul¹, Tuong Thuy Vu¹,
Weng Kin Lai²
¹University of Nottingham Malaysia Campus ²Tunku Abdul
Rahman University College

14:20 - 14:40 Predicting Multiple Pregrasping Poses Prediction Using Com-
bining Deep Convolutional Neural Network and Mixture Den-
sity Network
Youngbin Park¹, Sungphill Moon¹, Il-Hong Suh¹
¹Hanyang university

14:40 - 15:00 Recurrent Neural Networks for Adaptive Feature Acquisition
Gabriella Contardo¹, Ludovic Denoyer¹, Thierry Artieres²
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LIP6, F-75005, Paris ²Aix Marseille Univ, CNRS, Centrale
Marseille, LIF, Marseille, France
