



Thursday AM

ThuAM-1		Reinforcement learning
Chair:		Derong Liu, Junichiro Yoshimoto
Room:		International Conference Hall I
10:40	- 11:00	Decentralized Stabilization for Nonlinear Systems with Unknown Mismatched Interconnections Bo Zhao ¹ , Ding Wang ¹ , Guang Shi ¹ , Derong Liu ² , Yuanchun Li ³ ¹ Institute of Automation, Chinese Academy of Sciences ² University of Science and Technology Beijing ³ Changchun University of Technology
11:00	- 11:20	Optimal Constrained Neuro-Dynamic Programming Based Self-Learning Battery Management in Microgrids Qinglai Wei ¹ , Derong Liu ² ¹ Institute of Automation, Chinese Academy of Sciences ² University of Science and Technology Beijing
11:20	- 11:40	Risk sensitive reinforcement learning scheme is suitable for learning on a budget Kazuyoshi Kato ¹ , Koichiro Yamauchi ¹ ¹ Chubu University
11:40	- 12:00	A Kernel-Based Sarsa(λ) Algorithm with Clustering-Based Sample Sparsification Haijun Zhu ¹ Fei Zhu ² Yuchen Fu ² Quan Liu ² Jianwei Zhai ² Cijia Sun ³ Peng Zhang ² ¹ school of computer science&technology, soochow university ² school of computer science&thechnology, soochow university ³ School of Computer Science and Technology, Soochow University
12:00	- 12:20	Sparse Kernel-based Least Squares Temporal Difference with Prioritized Sweeping Cijia Sun ¹ Xinghong Ling ¹ Yuchen Fu ¹ Quan Liu ¹ Haijun Zhu ¹ Jianwei Zhai ¹ Peng Zhang ¹ ¹ School of Computer Science & Technology, Soochow University