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Session	IC-IEEE Symposium on Immune Computation
Date/Time	November 19, 2018 (Monday) 03:20 - 05:20 hrs
Venue	Jupiter 1
Chair	Soumya Banerjee

- SS-1201 **Robotic Immune Systems: An Architecture**
Yamin Hu and Wenjian Luo
- SS-1206 **dnyNSA: A Novel Real-Value Based Negative Selection Algorithm**
Zhang Fan, Yang Jin, Li Tao and Zhu Fangdong
- SS-1194 **A Two-Factor Authentication Scheme based on Negative Databases**
Ran Liu, Xiang Wang and Can Wang
- SS-1254 **Reconstructing Positive Surveys from Negative Surveys by Improved Artificial Immune Network**
Ran Liu, Mengxi Xie and Siqi Sun
- SS-1479 **For a Refoundation of Artificial Immune System Research: AIS is a Design Pattern**
Pierre Parrend, Fabio Guigou, Julio Navarro, Aline Deruyver and Pierre Collet
- SS-1381 **An Immune based Dynamic Risk Control System**
Ping Lin, Jin Yang, Tao Li and Lei Ai

Session	ADPRL-1-IEEE Symposium on Adaptive Dynamic Programming and Reinforcement Learning
Date/Time	November 19, 2018 (Monday) 03:20 - 05:20 hrs
Venue	Ceres
Chair	Jagannathan Sarangapani

- SS-1337 **A Game Theoretic Based Biologically-Inspired Distributed Intelligent Flocking Control for Multi-UAV Systems with Network Imperfections**
Mohammad Jafari and Hao Xu
- SS-1176 **Multi-Robot Enhanced MANET Routing with Situation Aware Online Reinforcement Learning**
Ming Feng and Hao Xu
- SS-1315 **Learning to Play Pac-Xon with Q-Learning and Two Double Q-Learning Variants**
Jits Schilperoort, Ivar Mak, Madalina M. Drugan and Marco A. Wiering
- SS-1317 **Hierarchical Reinforcement Learning for Playing a Dynamic Dungeon Crawler Game**
Remi Niël and Marco A. Wiering
- SS-1301 **A Review of Computational Intelligence for StarCraft AI**
Zhentao Tang, Kun Shao, Yuanheng Zhu, Dong Li, Dongbin Zhao and Tingwen Huang

- SS-1179 **On the Use of Dropouts in Neural Networks for System Identification and Control**
Shrikanth M. Yadav and Koshy George

Session	DL-1-Deep Learning
Date/Time	November 20, 2018 (Tuesday) 09:00 - 11:00 hrs
Venue	Jupiter 2
Chair	Mahardhika Pratama

- SS-1183 **Improving Shallow Neural Network by Compressing Deep Neural Network**
Marcus Carvalho and Mahardhika Pratama
- SS-1232 **A Robot Localization Framework Using CNNs for Object Detection and Pose Estimation**
Lukas Hoyer, Christoph Steup and Sanaz Mostaghim
- SS-1064 **A Dataset and Preliminary Results for Umpire Pose Detection using SVM Classification of Deep Features**
Aravind Ravi, Harshwin Venugopal, Sruthy Paul and Hamid R. Tizhoosh
- SS-1316 **Extra Domain Data Generation with Generative Adversarial Nets**
Luuk Boulogne, Klaas Dijkstra and Marco Wiering
- SS-1373 **Text Summarization as Tree Transduction by Top-Down TreeLSTM**
Davide Bacciu and Antonio Bruno
- SS-1440 **Perception Net: A Multimodal Deep Neural Network for Machine Perception**
Dhruv Bhandari and Sandeep Paul

Session	ADPRL-2-IEEE Symposium on Adaptive Dynamic Programming and Reinforcement Learning
Date/Time	November 20, 2018 (Tuesday) 09:00 - 11:00 hrs
Venue	Ceres
Chair	Jagannathan Sarangapani

- SS-1390 **Visual Sparse Bayesian Reinforcement Learning: A Framework for Interpreting What an Agent Has Learned**
Indrajeet Mishra, Giang Dao and Minwoo Lee
- SS-1338 **Brain Emotional Learning-Based Path Planning and Intelligent Control Co-Design for Unmanned Aerial Vehicle in Presence of System Uncertainties and Dynamic Environment**
Mohammad Jafari, Hao Xu and Luis Rodolfo Garcia Carrillo
- SS-1442 **Adaptive Optimal Distributed Control of Linear Interconnected Systems**
Vignesh Narayanan, Avimanyu Sahoo and Sarangapani Jagannathan

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Session	ADPRL-3-IEEE Symposium on Adaptive Dynamic Programming and Reinforcement Learning
Date/Time	November 20, 2018 (Tuesday) 11:20 - 01:00 hrs
Venue	Ceres
Chair	Jagannathan Sarangapani

SS-1200 **Learning TWSVM using Privilege Information***Aman Pal and Reshma Rastogi*SS-1520 **Reward based Single Network Adaptive Critic for Optimal Kinematic Control of a Redundant Robot Manipulator***Jenin Jose, Ravi Prakash and Laxmidhar Behera*

Session	MCDM-4-IEEE Symposium on Multi-Criteria Decision Making
Date/Time	November 20, 2018 (Tuesday) 11:20 - 01:00 hrs
Venue	Neptune
Chair	Jussi Hakanen

SS-1425 **Understanding Collective Decision-Making in Natural Swarms***Asema Hassan and Sanaz Mostaghim*SS-1043 **A Performance Indicator for Reference-Point-Based Multiobjective Evolutionary Optimization***Zhanglu Hou, Shengxiang Yang, Juan Zou, Jinhua Zheng, Guo Yu and Gan Ruan*SS-1288 **A Topologically Consistent Visualization of High Dimensional Pareto-front for Multi-Criteria Decision Making***AKM Khaled Ahsan Talukder and Kalyanmoy Deb*SS-1358 **Reference Point Based NSGA-III for Preferred Solutions***Yash Vesikar, Kalyanmoy Deb and Julian Blank*