2014 IEEE Symposium on Adaptive Dynamic Programming and Reinforcement Learning

(ADPRL 2014)

Orlando, Florida, USA
9-12 December 2014

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Wednesday, December 10

9:20AM-10:00AM

ADPRL'14 Keynote

10:20AM-12:00PM

ADPRL'14 Reinforcement Learning 1: Representation and Function Approximation
Chair: Olivier Pietquin and Joschka Boedecker

1:30PM-3:10PM

ADPRL'14 Optimal Control 1: Fundamentals and Techniques
Chair: Eugene Feinberg and Theodorou Evangelos

3:30PM-5:10PM

Special Session: ADPRL'14 Reinforcement Learning and Optimization in Stochastic Multi-objective Environments
Chair: Madalina Drugan and Yann-Michael De Hauwere

Thursday, December 11

9:20AM-10:00AM

Special Lecture: ADPRL'14 Talk: Cognitive Control in Cognitive Dynamic Systems: A New Way of Thinking Inspired by The Brain, Speaker: Simon Haykin

10:20AM-12:00PM

Special Session: ADPRL'14 Approximate Dynamic Programming for Energy and Sustainability
Chair: Boris Defourny

1:30PM-3:10PM

Special Session: ADPRL'14 Learning Control and Optimization based on Adaptive Dynamic Programming
Chair: Dongbin Zhao and Derong Liu

3:30PM-5:10PM

Special Session: ADPRL'14 Online Learning Control Algorithms Based on ADP for Uncertain Dynamic Systems
Chair: Xin Xu and Yanhong Luo

5:10PM-6:45PM

Poster Session: SSCI'14 Poster Session
Chair: Dongbin Zhao and Haibo He

Friday, December 12

9:30AM-10:30AM

ADPRL'14 Reinforcement Learning 2: Interdisciplinary Connections and Applications
Chair: Abjhijit Gosavi

11:00AM-12:00PM

ADPRL'14 Optimal Control 2: Adaptive and Differential Dynamic Programming
Chair: Shubhendu Bhasin and Hao Xu