Artificial Multiagent Learning Symposium

Schedule (Subject to Small changes)

Friday, October 22

9:00 AM–10:30 AM — Introduction and Comments

Adapting Network Structure for Efficient Team Formation
Matthew Gaston, John Simmons, and Marie desJardins

Analyzing the Effects of Tags on Promoting Cooperation in Prisoner's Dilemma
Austin McDonald and Sandip Sen

11:00 AM–12:30 PM — Co-Evolving Team Capture Strategies for Dissimilar Robots
H. Joseph Blumenthal and Gary Parker

Direct Reinforcement and Recurrence for Stochastic Games
John Moody, Yufeng Liu, Matthew Saffell, and Kyoungju Youn

Dynamics of Strategy Distribution in Iterated Games
Stephane Airiau, Sabyasachi Saha, and Sandip Sen

2:00 PM–6:00 PM — Special Activity

Saturday, October 23

9:00 AM–10:30 AM — Empirical Comparison of Incremental Learning Strategies for Genetic Programming-Based Keep-Away Soccer Agents
Scott Harmon, Edwin Rodriguez, Christopher Zhong, and William Hsu

Evolving Control for Micro Aerial Vehicles (MAVs)
Matthew Rhodes, Greg Tener, and Annie Wu

Learning e-Pareto Efficient Solutions with Minimal Knowledge Requirements Using Satisficing
Jacob Crandall and Michael Goodrich

11:00 AM–12:30 PM — Invited Speaker (Michael Littman) and Joint Discussion with Real-time Reinforcement Learning Symposium

2:00 PM–3:30 PM — Opportunities for Learning in Mulit-Agent Meeting Scheduling
Elisabeth Crawford and Manuela Veloso

Safe Strategies for Agent Modelling in Games
Peter McCracken and Michael Bowling

Understanding Competitive Co-evolutionary Dynamics via Fitness Landscapes
Elena Popovici and Kenneth De Jong

4:00 PM–5:30 PM — Learning TOMs: Towards Non-Myopic Equilibria
Arjita Ghosh and Sandip Sen

Multi-Agent Learning in Conflicting Multi-level Games with Incomplete Information
Maarten Peeters, Katja Verbeeck, and Ann Nowe

Multi-agent Learning in Mobilized Ad-Hoc Networks
Yu-Han Chang and Leslie Pack Kaelbling

Sunday, October 24

9:00 AM–10:30 AM — On the Agenda(s) of Research on Multi-Agent Learning
Yoav Shoham

Tags and the Evolution of Cooperation in Complex Environments
Lee Spector, Jon Klein, and Chris Perry

Learning Payoff Functions in Infinite Games
Yevgeniy Vorobeychik, Michael Wellman, and Satinder Singh

11:00 AM–12:30 PM — Multiagent Learning Panel and Wrap-Up