

Coevolutionary and Coadaptive Systems Symposium

Program Schedule (subject to minor changes)

Friday, November 4

- 09.00–10.30 INTRODUCTION AND COMMENTS
Solution Concepts in Coevolutionary Algorithms
Sevan Ficici
- 11.00–12.30 Coevolution of Neural Networks Using a Layered Pareto Archive
German Monroy, K. Stanley, & R. Miikkulainen
Evaluation Structures and Innovative Dynamics
Anthony Bucci
- 14.00–15.30 Complexification and the Arms Race
Kenneth Stanley
Towards Metrics and Visualizations Sensitive to Coevolutionary Failures
Ari Bader-Natal & Jordan B. Pollack
- 16.00–17.30 On the Coevolutionary Construction of Learnable Gradients
Shivakumar Viswanathan & Jordan B. Pollack
The Effects of Synthetic Social Structures on Teams of Autonomous Vehicles
Annie Wu

Saturday, November 5

- 09.00–10.30 Multi-Objective Multi-Agent Planning
Abdel-illah Mouaddib
Response Regret
Martin Zinkevich
- 11.00–12.30 Asynchronous Chess
Nathaniel Gemelli, Robert Wright, & Roger Mailler
Coevolution in Strategic Game AI
Chris Miles & Sushil Lewis
- 14.00–15.30 Time-Dependent Collaboration Schemes for Cooperative Coevolutionary Algorithms
Liviu Panait & Sean Luke
Recent Advances in Cooperative Multiagent Learning
Liviu Panait
- 16.00–17.30 A Dynamical Systems Analysis of Collaboration Methods in Cooperative Coevolution
Elena Popovici & Kenneth De Jong
Robustness in Compositional Coevolution
R. Paul Wiegand

Sunday, November 6

- 09.00–12.30 SPECIAL ACTIVITY