

EWRL-2015 SCHEDULE

| Day 1 | | | | Day2 | | | | | |
|----------------------------|--------|--|---|--|---|--|--|---|--|
| Morning Session 1 (1h30) | 8:30 | Opening remarks | | Morning Session 1 (1h30) | 8:30 | | | | |
| | 8:40 | | | | 8:40 | | | | |
| | 8:50 | | | | 8:50 | Invited Talk 4 | David Silver | TBD | |
| | 9:00 | | | | 9:00 | | | | |
| | 9:10 | Invited Talk 1 | Thomas G. Dietterich | | Efficient Sampling for Simulator-Defined MDPs | | | | 9:10 |
| | 9:20 | | | | | | | | |
| | 9:30 | | | | | | | | |
| | 9:40 | | | | 9:40 | Tutorial | Marc Bellemare | Tutorial on Atari Learning Environment | |
| | 9:50 | | | | 9:50 | | | | |
| Coffee Break | 10:00 | | | Coffee Break | 10:00 | | | | |
| Morning Session 2 (1h30) | 10:30 | Talk 1 | Matteus Tanha, Tse-Han Huang, Geoffrey J. Gordon and David J. | Imitation Learning for Accelerating Iterative Computation of Fixed Points | Morning Session 2 (1h30) | 10:30 | Talk 8 | Orly Avner and Shie Mannor | Learning to coordinate without communication in multi-user multi-armed bandit problems |
| | 10:40 | | | | | 10:40 | | | |
| | 10:50 | Talk 2 | Matteo Pirota and Marcello Restelli | On the Minimization of the Policy Gradient in Inverse Reinforcement Learning | | 10:50 | Talk 9 | Aristide Tossou and Christos Dimitrakakis | Differentially private multi-agent multi-armed bandits |
| | 11:00 | | | | | 11:00 | | | |
| | 11:10 | Talk 3 | Philip Bachman and Doina Precup | Learning Policies for Data Imputation with Guided Policy Search | | 11:10 | Talk 10 | Yahel David and Nahum Shimkin | PAC Algorithms for the Infinitely-Many Armed Problem with Multiple Pools |
| | 11:20 | | | | | 11:20 | | | |
| | 11:30 | Talk 4 | Herke Van Hoof, Jan Peters and Gerhard Neumann | Non-Parametric Policy Learning for High-Dimensional State Representations | | 11:30 | Talk 11 | Gergely Neu | Explore no more: Simple and tight high-probability bounds for non-stochastic bandits |
| 11:40 | | | | 11:40 | | | | | |
| 11:50 | | | | 11:50 | | | | | |
| Lunch | 12:00 | | | Lunch | 12:00 | | | | |
| Afternoon Session 1 (2h) | 14:00 | | | Afternoon Session 1 (2h) | 14:00 | | | | |
| | 14:10 | | | | 14:10 | | | | |
| | 14:20 | Invited Talk 2 | Marcus Hutter | | TDB | 14:20 | Invited Talk 5 | Lihong Li | TBD |
| | 14:30 | | | | | | | | |
| | 14:40 | | | | | | | | |
| | 14:50 | | | | | 14:50 | | | |
| | 15:00 | Talk 5 | Jan Leike and Marcus Hutter | | On the Optimality of General Reinforcement Learners | 15:00 | Talk 12 | Aviv Tamar, Yinlam Chow, Mohammad Ghavamzadeh and Shie Mannor | Policy Gradient for Coherent Risk Measures |
| | 15:10 | | | | | 15:10 | | | |
| 15:20 | Talk 6 | Ashique Rupam Mahmood, Huizhen Yu, Martha White and Richard Sutton | Emphatic Temporal-Difference Learning | 15:20 | Talk 13 | Diederik Roijers, Shimon Whiteson, Peter Vamplew and Richard Dazeley | Why Multi-objective Reinforcement Learning? | | |
| 15:30 | | | | 15:30 | | | | | |
| 15:40 | Talk 7 | Ludovic Denoyer and Patrick Gallinari | Deep Sequential Neural Networks | 15:40 | Talk 14 | Christian Wirth and Gerhard Neumann | Model-Free Preference-based Reinforcement Learning | | |
| 15:50 | | | | 15:50 | | | | | |
| Coffee Break | 16:00 | | | Coffee Break | 16:00 | | | | |
| Afternoon Session 2 (1h30) | 16:30 | Poster | An Empirical Evaluation of True-Online TD(λ) | On TD(0) with function approximation: Concentration bounds and a centered variant with exponential convergence | Afternoon Session 2 (1h30) | 16:30 | Poster | A multiplicative UCB strategy for Gamma rewards | Dueling Bandits as a Partial Monitoring Game |
| | 16:30 | | Reinforced Decision Trees | A Reinforcement Learning Approach to Online Learning of Decision Trees | | 16:30 | | Multi-Armed Bandit for Pricing | Parallel Reinforcement Learning with State Action Space Partitioning |
| | 16:40 | | Contextual Markov Decision Processes | Off-policy Model-based Learning under Unknown Factored Dynamics | | 16:40 | | Generalized Advantage Estimation for Policy Gradients | Sample-based abstraction for hybrid relational MDPs |
| | 16:50 | | Using PCA to Efficiently Represent State Spaces | | | 16:50 | | | |
| | 17:00 | | | | 17:00 | | | | |
| | 17:10 | | | | 17:10 | | | | |
| | 17:20 | Invited Talk 3 | Shie Mannor | TBD | 17:20 | Invited Talk 6 | Csaba Szepesvari | TBD | |
| | 17:30 | | | | | | | | |
| 17:40 | | | | | | | | | |
| 17:50 | | | | | | | | | |