Preliminary Schedule
Monday morning

- 09:00
  - Self-introduction of participants
  - Schedule for the week
  - **Tutorial** on exploration/exploitation by Peter Sunehag
- 12:15 Lunch

Preliminary Schedule
Monday afternoon

- 14:00
  - Tom Dietterich: Solving Simulator-Defined MDPs for Natural Resource Management
  - Csaba Szepesvari, Gergely Neu: Online RL
  - Ronald Ortner: Continuous RL and restless bandits
  - Martijn van Otterlo: Relations Between Reinforcement Learning, Visual Input, Perception and Action
- 18:00 Dinner

Preliminary Schedule
Tuesday morning

- 09:00
  - **Tutorial** on Statistical Learning Theory in RL and Approximate Dynamic Programming
    by M. Ghavamzadeh and A. Lazaric
  - Gerard Neumann: Hierarchical Learning of Motor Skills with Information-Theoretic Policy Search
  - Doina Precup: Methods for Bellman Error Basis Function construction
  - Joëlle Pineau: Reinforcement Learning using Kernel-Based Stochastic Factorization

- 12:15 Lunch

Preliminary Schedule
Tuesday afternoon

- 14:00
  - Petar Kormushev: Reinforcement Learning with Heterogeneous Policy Representations
  - Mark Ring: Continual learning
  - Rich Sutton: The quest for the ultimate TD algorithm
  - Jan H Metzen: Learning Skill Templates for Parameterized Tasks
  - Robert Busa-Fekete: Preference-based Evolutionary Direct Policy Search
  - Orhan Sönmez: Sequentially Interacting Markov Chain Monte Carlo Based Policy Iteration
- 18:00 Dinner

Preliminary Schedule
Wednesday morning

- 09:00
  - **Tutorial** on Universal RL by Marcus Hutter
  - Joel Veness: Universal RL – Applications and Approximations
  - Laurent Orseau: Optimal Universal Explorative Agents
  - Tor Lattimore: Bayesian Reinforcement Learning + Exploration
  - Laurent Orseau: More realistic assumptions for RL
- 12:15 Lunch

Preliminary Schedule
Wednesday afternoon

- 14:00
  - **Tutorial** on Symbolic Dynamic Programming by Scott Sanner
  - Rico Jonschkowski: Representation Learning for Reinforcement Learning in Robotics
  - Timothy Mann: Theoretical Analysis of Planning with Options
  - Mohammad Ghavamzadeh: SPSA based Actor-Critic Algorithm for Risk Sensitive Control
  - David Silver: Deterministic Policy Iteration
- 18:00 Dinner

Preliminary Schedule
Thursday morning

- 09:00
  - **Tutorial** on POMDPs by Joëlle Pineau
  - Jeremy Wyatt: Learning and Reasoning with POMDPs
  - Scott Sanner: Recent Advances in Symbolic Dynamic Programming for Hybrid MDPs and POMDPs
  - Lutz Frommberger: Some thoughts on Transfer Learning in RL – On States and Representation
- 12:15 Lunch
- Afternoon: Hiking
- 20:00: Discussion session

Preliminary Schedule
Friday morning

- 09:00
    - Christos Dimitrakakis: ABC and cover-tree reinforcement learning
    - Manuela Ruiz-Montiel: Multi-objective Reinforcement Learning
    - Ann Nowe: Multi-Objective Reinforcement Learning
    - Rico Jonschkowski: Temporal Abstraction in Reinforcement Learning with Proximity Statistics
    - Christos Dimitrakakis: RL competition
- 12:15 Lunch