ECML PKDD 2009
European Conference on Machine Learning and Principles and
Practice of Knowledge Discovery in Databases

http://www.ecmlpkdd2009.net
Bled, Slovenia · September 7-11, 2009

Learning and Data Mining for Robotics

This workshop, collocated with the 20th European Conference on Machine Learning and the 13th Conference on Principles and Practice of Knowledge Discovery in DataBases in Bled, Slovenia, aims at fostering research in Machine Learning and Data Mining applied to Robotics.

All contributions related to Bayesian and probabilistic robotics, reinforcement learning and apprenticeship learning, learning from sensor data and logs (non exhaustive list) are welcome. All contributions discussing issues such as: how to learn with/without a simulator, and how to face the reality gap; how to build controllers that are robust with respect to motor/sensor failures; how to derive self-driven criteria/goals for the robot; how to deal with swarm robotics, distributed decision making and frugal communication, are equally welcome. Finally, all contributions related to the exploitation of the robotic logs in order to debug/reverse engineer the controller are welcome.

Dates
- Submission: June 10th
- Notification: June 30th
- Camera-ready: August 15th
- Workshop: September 7th

Chairs Einoshin Suzuki, Kyushu Univ. & Michèle Sebag, CNRS

Program Committee

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PASCAL
Pattern Analysis, Statistical Modelling and
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