

**The IJCAI-09 Workshop on Competitions  
in Artificial Intelligence and Robotics**  
Pasadena, California, USA, July 12, 2009

08:30	Begin of workshop
08:30–09:00	Welcome and introduction <i>Malte Helmert, Johan de Kleer, Lukas Kuhn, Paul E. Rybski</i>
09:00–09:20	Participating in Autonomous Robot Competitions: Experiences from a Robot Soccer team <i>Martin Lauer, Martin Riedmiller</i>
09:20–09:40	Analysis of a winning computational billiards player <i>Christopher Archibald, Alon Altman, Yoav Shoham</i>
09:40–10:00	To compete or not compete? Ingredients for a successful competition <i>Maria Gini</i>
10:00–10:30	Coffee break
10:30–10:50	Virtual Robots RoboCupRescue Competition: Contributions to Infrastructure and Science <i>Michael Lewis, Stefano Carpin, Stephen Balakirsky</i>
10:50–11:05	Invited presentation on the AAAI Robotics Competition <i>Chad Jenkins</i>
11:05–11:20	Invited presentation on the DARPA Grand Challenge and Urban Challenge <i>Chris Urmson</i>
11:20–11:35	Invited presentation on the International Diagnosis Competition <i>Tolga Kurtoglu</i>
11:35–12:10	Open discussion: Why competitions?
12:10–13:40	Lunch break

afternoon schedule: see overleaf

12:10–13:40	Lunch break
13:40–13:55	Invited presentation on the International Planning Competition <i>Derek Long</i>
13:55–14:10	Invited presentation on the Trading Agent Competition <i>Michael Wellman</i>
14:10–14:25	Invited presentation on RoboCup <i>Gerald Steinbauer</i>
14:25–15:00	Open discussion: How to run a competition
15:00–15:30	Coffee break
15:30–15:50	LEEGLE – A challenge in object class recognition in sequences <i>Matjaž Jogan, Aleš Leonardis</i>
15:50–16:10	The Humanoid Leagues in Robot Soccer Competitions <i>Jacky Baltes, N. Michael Mayer, John Anderson, Kuo-Yang Tu, Alan Liu</i>
16:10–16:30	Semantic Robot Vision Challenge: Current State and Future Directions <i>Scott Helmer, David Meger, Pooja Viswanathan, Sancho McCann, Matthew Dockrey, Pooyan Fazli, Tristram Southey, Marius Muja, Michael Joya, Jim Little, David Lowe, Alan Mackworth</i>
16:30–16:45	Invited presentation on the Computer Poker Competition <i>Michael Bowling</i>
16:45–17:00	Invited presentation on the Semantic Robot Vision Challenge <i>Daniel DeMenthon</i>
17:00–17:15	Invited presentation on the Reinforcement Learning Competition
17:15–17:50	Open discussion: Comparing competitions
17:50–18:00	Closing remarks
18:00	End of workshop

morning schedule: see overleaf