IJCAI Workshop on Plan, Activity, and Intent Recognition (PAIR)

Organizers: Hung Bui, Christopher Geib, David Pynadath, and Gita Sukthankar

July 11, 2009

9:00-9:15am: Welcome

9:15-10:00am: Invited Talk: Tom Dietterich, Oregon State University

10:00-10:30am: Coffee Break

10:30-10:50am : Behaviour Recognition for Spatially Unconstrained Unmanned Vehicles
Rolf Baxter, David Lane, and Yvan Petillot

10:50-11:10am: Distinguishing between intentional and unintentional action
Elisheva Bonchek Dokow, Gal Kaminka, and Carmel Domshlak

11:10-11:30am: High Level Imitation Learning in a Treasure Hunting Task
Mary Felkin and Yves Kodratoff

11:30-11:50am: Probabilistic Abduction using Markov Logic Networks
Rohit Kate and Raymond Mooney

11:50-1:15pm: Lunch break

1:15-2:00am: Invited Talk: Jim Rehg, Georgia Tech

2:00-3:00pm: Panel: What's Wrong with my Method?
Tom Dietterich, Henry Kautz, Robert Goldman, Matthai Philipose, Jim Rehg

3:00-3:30pm: Coffee Break

3:30-3:50pm: Exploiting Early Intent Recognition for Competitive Advantage
Kennard Laviers, Gita Sukthankar, Matthew Molineaux, and David Aha

3:50-4:10pm: On Plan Recognition and Parsing
John Maraist, Christopher Geib, Robert Goldman

4:10-4:30pm: Tractable POMDP Planning Algorithms for Optimal Teaching in SPAIS
Georgios Theocharous, Richard Beckwith, Nicholas Butko, and Matthai Philipose

4:30-4:50pm: Automatic Analysis of Embodied Team Actions
Brandyn White and Ladislau Boloni

4:50-5:10pm: Discussion: Increasing Data Availability

5:10-5:30pm: Closing

6:00pm Group dinner at local restaurant