

Sunday July 14th

- 08:45am – 9:00am Welcome and Opening Remarks
- 9:00am – 10:00am Invited Talk: **Stefanie Tellex**, Brown University and MIT
- 10:00am – 10:20am *An Interactive Approach for Situated Task Teaching through Verbal Instructions.* Cetin Mericli, Steven D. Klee, Jack Papparian, and Manuela Veloso
- 10:30am – 11:00am *Coffee Break*
- 11:00am – 11:20am *Towards Cooperative Bayesian Human-Robot Perception: Theory, Experiments, Opportunities.* Nisar Ahmed, Tsung-Lin Yang, Daniel Lee, Lucas de la Garza, Ahmed Elsamadisi, Arturo Sullivan, Xinxiang Lao, Kai Wang, William Moseson, Rina Tse and Mark Campbell.
- 11:20am – 11:40am *Combining Rich World and Interaction Models for Human-Robot Collaborations.* Cynthia Matuszek, Andrzej Pronobis, Luke Zettlemoyer Dieter Fox
- 11:40am – 12:00pm *Interruptible Autonomy: Towards Dialog-Based Robot Task Management.* Yichao Sun, Brian Coltin and Manuela Veloso
- 12:00pm – 12:20pm *Break*
- 12:20pm – 12:40pm *Grounded Spatial Language - An Integrated AI Research Program.* Michael Spranger.
- 12:40pm – 01:00pm *Causality-Based Reasoning for Cognitive Factories.* Esra Erdem, Kadir Haspalamutgil, Volkan Patoglu, Tansel Uras.
- 01:00pm – 02:00pm *Lunch*
- 02:00pm – 02:20pm *Robots in crowds - being useful while staying out of trouble.* Ladislau Boloni, Saad Ahmad Khan and Saad Arif
- 02:20pm – 02:40pm *An Issue in Goal Addition in Continuous Robotic Plan Execution.* Philip Cooksey, Frederic Py, Paul Morris and Kanna Rajan.

Sunday July 14th (continued)

- 02:40pm – 03:00pm *Online Pickup and Delivery Planning with Transfers for Mobile Robots.* Brian Coltin, Manuela Veloso
- 03:00pm – 03:20pm *Towards Efficient Robot Adversarial Coverage.*
Roi Yehoshua, Noa Agmon and Gal A. Kaminka.
- 3:30pm – 4:00pm *Coffee Break*
- 04:00pm – 05:00pm Invited Talk: **Bernhard Nebel**, University of Freiburg
- 05:00pm – 05:20pm *Using Classical Planners for Tasks with Continuous Operators in Robotics.* Siddharth Srivastava, Lorenzo Riano, Stuart Russell and Pieter Abbeel.
- 05:20pm – 05:40pm *Learning Guided Planning for Robust Task Execution in Cognitive Robotics.* Petek Yildiz, Sertac Karapinar and Sanem Sariel-Talay.
- 05:40pm – 06:00pm *Levels of Integration between Low-Level Reasoning and Task Planning.* Peter Schuller, Volkan Patoglu, Esra Erdem.

Monday July 15th

- 09:30am – 09:50am *Information-Theoretic Motor Skill Learning.*
Gerhard Neumann, Christian Daniel, Andras Kupcsik,
Marc Deisenroth and Jan Peters.
- 09:50am – 10:10am *Minimizing Conflicts between Moving Agents Over a Set of
Non-Homotopic Paths Through Regret Minimization.*
Andrew Kimmel and Kostas Bekris.
- 10:10am – 10:30am *Web-Based Remote Assistance to Overcome Robot
Perceptual Limitations.* Rodrigo Ventura, Brian Coltin and
Manuela Veloso.
- 10:30am – 11:00am *Coffee Break*
- 11:00am – 11:20am Community Issues: Alessandro Saffiotti, Örebro University
- 11:20am – 11:40am Research Challenges and Funding Opportunities:
Satyandra K. Gupta, NSF and the University of Maryland
- 11:40am – 12:00pm *Break*
- 12:00pm – 12:20pm *Mapping as a Service.* Evan Herbst and Dieter Fox.
- 12:20pm – 12:40pm *Qualitative Relational Mapping for Rover Surface
Operations.* Mark McClelland, Mark Campbell and Tara
Estlin.
- 12:40pm – 01:00pm *Novel Mechanisms for Natural Human-Robot Interactions
in the DIARC Architecture.* Matthias Scheutz, Gordon
Briggs, Rehj Cantrell, Evan Krause and Tom Williams.
- 01:00pm – 02:00pm *Lunch*
- 02:00pm – 03:00pm Invited Talk: **Ales Leonardis**, University of Birmingham
- 3:30pm – 4:00pm *Coffee Break*
- 4:00pm – 5:00pm Discussion