

**Monday March 25<sup>th</sup>**

9:00am – 9:20am	Welcome and Opening Remarks
9:20am – 10:30am	Invited Talk: <b>Danica Kragic</b> , KTH.
10:30am – 11:00am	Break
11:00am – 11:20am	<i>Integrating Visual Learning and Hierarchical Planning for Autonomy in Human-Robot Collaboration.</i> Mohan Sridharan.
11:20am – 11:40am	<i>Integrated Symbolic Planning in the Tidyup-Robot Project.</i> Christian Dornege and Andreas Hertle.
11:40am – 12:00pm	<i>Integration of Visuomotor Learning, Cognitive Grasping and Sensor-Based Physical Interaction in the UJI Humanoid Torso.</i> Angel P. del Pobil
12:30pm – 2:00pm	<i>Lunch</i>
2:00pm – 3:10pm	Invited Talk: <b>Pieter Abbeel</b> , UC Berkeley.
3:10pm – 3:30pm	<i>An Integrated System for Learning Multi-Step Robotic Tasks from Unstructured Demonstrations.</i> Scott Niekum
3:30pm – 4:00pm	<i>Break</i>
4:00pm – 4:20pm	<i>An Ontology-based Multi-level Robot Architecture for Learning from Experiences.</i> S. Rockel, B. Neumann, J. Zhang, K. S. R. Dubba, A. G. Cohn, S. Konecny, M. Mansouri, F. Pecora, A. Saffiotti, M. Gunther, S. Stock, J. Hertzberg, A. M. Tome, A. Pinho, L. Seabra Lopes, S. von Riegen and L. Hotz.
4:20pm – 4:40pm	<i>Incremental Task-level Reasoning in a Competitive Factory Automation Scenario.</i> Tim Niemueller, Gerhard Lakemeyer, and Alexander Ferrein.
4:40pm – 6:00pm	Poster session.
6:00pm – 7:00pm	Reception

**Tuesday March 26<sup>th</sup>**

- 9:00am – 10:10am      Invited Talk: **Morgan Quigley**, Open Source Robotics Foundation.
- 10:10am – 10:30am      *Designing intelligent wheelchairs: Reintegrating AI.*  
Joelle Pineau.
- 10:30am – 11:00am      Break
- 11:00am – 11:20am      *Telepresence Robots as a Research Platform for AI.*  
Sjriek Alers, Daan Bloembergen, Daniel Claes, Joscha Fossel, Daniel Hennes, and Karl Tuyls.
- 11:20am – 11:40am      *Designing the Intelligent Domestic Service Robot CAESAR—Lessons Learnt.*  
Stefan Schiffer, Tim Niemueller, Alexander Ferrein, and Gerhard Lakemeyer
- 11:40pm – 12:00pm      *Robotsfor.me overview.*  
Russell Toris.
- 12:30pm – 2:00pm      *Lunch*
- 2:00pm – 3:10pm      Invited Talk: **Manuela Veloso**, CMU.
- 3:10pm – 3:30pm      *Benchmarking Intelligent Service Robots through Scientific Competitions: the RoboCup@Home approach.*  
Dirk Holz, Luca Iocchi, and Tijn van der Zant
- 3:30pm – 4:00pm      Break
- 4:00pm – 4:20pm      *Communicating with executable action representations.*  
Malte Schilling and Sriniv Narayanan.
- 4:20pm – 4:40pm      *Learning for Mobile-Robot Error Recovery.*  
Ravi Balasubramanian and Matt Taylor.
- 4:40pm – 6:00pm      Poster session.
- 6:00pm – 7:00pm      Plenary Session

Wednesday March 27<sup>th</sup>

9:00am – 10:10am

Invited Talk: **Richard Sutton**, University of Alberta.

10:10am – 10:30am

*Learning to fire at targets by a humanoid robot iCub.*  
Vishnu K. Nath and Stephen E. Levinson.

10:30am – 11:00am

Break

11:00am – 11:20pm

*Configuration Planning with Multiple Dynamic Goals.*  
Maurizio Di Rocco, Federico Pecora, Prasanna Kumar, and  
Alessandro Saffiotti.

11:20am – 12:30pm

Open Discussion: *What Next?*  
Topics include: Grand challenges, publication venues,  
hardware and software platforms.