

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

9:00am – 9:30am	Welcome and Opening Remarks
9:30am – 10:30am	Invited Talk: <b><u>Michael Beetz</u></b> , TU Munich.
10:30am – 11:00am	Break
11:00am – 11:20am	<i>Designing Intelligent Robots for Human-Robot Teaming in Urban Search &amp; Rescue.</i> G-J.M. Kruijff, F. Colas, T. Svoboda, J van Diggelen, P. Balmer, F. Pirri, and R. Worst.
11:20am – 11:40am	<i>TEXPLORE: Real-Time Sample-Efficient Reinforcement Learning for Robots.</i> T. Hester and P. Stone.
11:40am – 12:00pm	<i>Evolutionary Language Games as a Paradigm for Integrated AI Research.</i> L. Steels.
12:00pm – 12:20pm	<i>Can a Robot Learn Language as a Child Does?</i> S.E. Levinson.
12:30pm – 2:00pm	<i>Lunch</i>
2:00pm – 3:00pm	Invited Talk: <b><u>Marc Toussaint</u></b> , FU Berlin.
3:00pm – 3:20pm	<i>Towards an Integrated Graphical Architecture for Intelligent Robots.</i> P.S. Rosenbloom.
3:30pm – 4:00pm	Break
4:00pm – 4:20pm	<i>BECCA: Reintegrating AI for Natural World Interaction.</i> B. Rohrer.
4:20pm – 4:40pm	<i>Robot Control based on Qualitative Representation of Human Trajectories.</i> N. Bellotto.
4:40pm – 5:40pm	Invited Talk: <b><u>Nick Hawes</u></b> , University of Birmingham.
6:00pm – 7:00pm	Reception

Tuesday March 27<sup>th</sup>

- 9:00am – 10:00am      Invited Talk: **Benjamin Kuipers**, University of Michigan.
- 10:00am – 10:20am      *Scaling-up Knowledge for a Cognizant Robot.*  
T. Degris and J. Modayil.
- 10:30am – 11:00am      Break
- 11:00am – 11:20am      *A Multitask Representation using Reusable Local Policy Templates.*  
B. Rosman and S. Ramamoorthy.
- 11:20am – 11:40am      *Autonomous Skills Creation and Integration in Robotics.*  
L. Riano and T.M. McGinnity.
- 11:40pm – 12:00pm      *Integration of online learning into HTN planning for robotic tasks.*  
S. Magnenat, J-C Chappelier, and F. Mondada.
- 12:00pm – 12:20pm      *Knowledge processing for autonomous robot control.*  
M. Tenorth and M. Beetz.
- 12:30pm – 2:00pm      *Lunch*
- 2:00pm – 3:00pm      Invited Talk: **Siddhartha Srinivasa**, Carnegie Mellon.
- 3:00pm – 3:20pm      *Towards Enabling a Robot to Effectively Assist People in Human-Occupied Environments.*  
S. Hemachandran, R. Finman, S. Teller and M. Walter.
- 3:30pm – 4:00pm      Break
- 4:00pm – 4:20pm      *Functional Mapping: Spatial Inferencing to aid Human-Robot Rescue Efforts in Unstructured Disaster Environments.*  
S. Keshvadas, H. Zender, G-J.M. Kruijff, M. Liu and F. Colas.
- 4:20pm – 4:40pm      *Autonomous Agents Research in Robotics: A Report from the Trenches.*  
G.A. Kaminka.
- 4:40pm – 5:40pm      Invited Talk: **Dieter Fox**, University of Washington.
- 6:00pm – 7:00pm      Plenary Session

**Wednesday March 28<sup>th</sup>**

- 9:00am – 10:00am      Invited Talk: **Christoph Borst**, DLR.
- 10:00am – 10:20am      *Knowledge for Intelligent Industrial Robots.*  
A. Bjorkelund, J. Malec, K. Nilsson, P. Nugues, and  
H. Bruyninckx.
- 10:30am – 11:00am      Break
- 11:00am – 12:30pm      Open Discussion: *What Next?*  
Topics Include: Grand challenges, publication venues,  
hardware and software platforms.