

Time	Title	Authors	Duration (minutes)
8:30	Workshop Introduction	Lorenzo Riano	15
8:45	Invited Talk	Tomas Lozano Perez	45
9:30	Understanding Human Activities from Observation via Semantic Reasoning for Humanoid Robots	Karinne Ramirez-Amaro, Michael Beetz and Gordon Cheng	20
9:50	Formal Methods-based Maximally Satisfying Action Planning	Jana Tumova, Alejandro Marzinotto, Dimos V. Dimarogonas, Danica Kragic	20
10:10	Coffee Break		25
10:35	Adversarial Robotics: Robot Planning in Adversarial Environments	Noa Agmon	20
10:55	A Unifying Linguistic Formalism for Teleoperation of Semi-Autonomous Robot	Sungmoon Joo	20
11:15	Invited Talk	Stephen Hart	45
12:00	Lunch Break		60
13:00	Invited Talk	Alper Aydemir	45
13:45	Distributed Assembly with AND/OR Graphs	Ross A. Knepper, Dishaan Ahuja, Geoffrey Lalonde, and Daniela Rus	20
14:05	Execution Knowledge for Execution Monitoring: what, why, where and what for?	Stefan Koenen and Federico Pecora Alessandro Saffiotti	20
14:25	Qualitative Bayesian Failure Diagnosis for Robot Systems	Dominik Kirchner and Kurt Geihs	20
14:45	Towards Integrating Hierarchical Goal Networks and Motion Planners to Support Planning for Human-Robot Teams	Vikas Shivashankar, Krishnanand N. Kaipa, Dana S. Nau and Satyandra K. Gupta	20
15:05	Coffee Break		25
15:30	Invited Talk	Rachid Alami	45
16:15	Semantic Maps for Robotics	Dagmar Lang and Dietrich Paulus	20
16:35	Combining Motion Planning with LTL Specifications for AUVs	James McMahon and Erion Plaku	20
16:55	Hierarchical Predictions for Robotic Control	Craig Sherstan and Patrick M. Pilarski	20
17:15	Adaptive Path Planning for Effective Information Collection	Ayan Dutta, Prithviraj Dasgupta	20
17:35	Open discussion and future directions	Everybody	
18:00	Farewell		