

Day 1 (March 22)	Day 2 (March 23)	Day 3 (March 24)
9:00-9:30 Opening Remarks	9:00-9:30 Recap of Day 1, Issues Raised, Approach for Day 2	9:00-10:30 Report Back from Breakout Groups
9:30-10:30 Autonomous Systems Keynote (Prof. Dr. Ernst Dickmanns – Expectation-based Multi-focal Saccadic (EMS-) Vision for Perception and Control of Vehicle Motion)	9:30-10:30 KR/Ontology Keynote (Dr. Michael Genesereth – Title TBD)	
10:30-11:00 Coffee Break	10:30-10:45 Coffee Break	10:30-11:00 Coffee Break
11:00-12:30 Paper Presentations “KR Perspectives and Integration Issues” (20 min presentation, 10 min discussion) <ul style="list-style-type: none"> Nicholas Cassimatis, Naval Research Laboratory – Integrating Cognition, Perception and Action through Mental Simulation in Robots Thomas Wagner, Univ. of Bremen – Egocentric Qualitative Spatial Knowledge Representation for Physical Robots Duncan Potts, Univ. of New South Wales – Concurrent Discovery of Task Hierarchies 	10:45-12:45 Paper Presentations “Applying Ontologies to Autonomous Systems” (20 min presentation, 10 min discussion) <ul style="list-style-type: none"> Bob Wray, SoarTech – Investigating Ontology Infrastructures for Execution-oriented Autonomous Agents Jeffrey Bradshaw, Institute for Human and Machine Cognition – An Ontology-based Representation for Policy-Based Adjustable Autonomy Edward Dawidowicz, Army – Ontology and Multi-resolutional Knowledge Representation Ron Provine, Boeing – Observations on the Use of Ontologies to Aid Navigation Planning in Autonomous Vehicles 	11:00-12:00 Panel Discussion – Role of KR in Autonomous Systems
12:30-2:00 Lunch	12:45-2:00 Lunch	12:00-12:30 Wrap-up
2:00-3:30 Paper Presentations “KR for Autonomous Mobility” (20 min presentation, 10 min discussion) <ul style="list-style-type: none"> Chris Scrapper, NIST – Knowledge Representation for On-Road Driving Randy Washington, DCS Corp– Intelligent Ground Vehicle Ontology Jim Albus, NIST – Knowledge, Understanding, and Behavior 	2:00-3:30 Breakout Groups (with moderator)	12:30 End of Symposium
3:30-4:00 Coffee Break	3:30-4:00 Coffee Break	
4:00-5:30 Poster Session <ul style="list-style-type: none"> Harry Chen, UMBC – A Context Broker for Building Smart Meeting Rooms Susan Epstein, Hunter College – Metaknowledge for Autonomous System Karl Reichard, Penn State Univ. – Integrating Self-Health Awareness in Autonomous Systems Noah Zimmerman, NIST – Implementing a Rule-Based System to Represent Decision Criteria for On-Road Autonomous Navigation Perakath Benjamin, KBSI – Adaptive Knowledge Discovery Framework 	4:00-5:30 Breakout Groups (with moderator)	
5:30 End of Session	5:30 End of Session	