

The 28th International Workshop on Qualitative Reasoning

Monday, August 10, 2015

Each paper presentation is scheduled for 20 minutes plus 10 minutes for questions

All events on the University of St. Thomas campus take place in Terrence Murphy Hall, Room #401

Start	End	Description	Location
8:30 AM	9:00 AM	Registration available	St. Thomas
9:00 AM	9:15 AM	Welcome + Logistics	St. Thomas
9:15 AM	10:15 AM	Invited Talk: Johan de Kleer and Matthew Klenk <i>QR in Design: Lessons from Adaptive Vehicle Make</i>	St. Thomas
10:15 AM	10:45 AM	Coffee Break	St. Thomas
10:45 AM	12:15 PM	Session 1: Qualitative Spatial Relations and Uncertainty Robert P. Goldman and John Maraist. <i>Experimental Evaluation of Qualitative Probability applied to Sensor Fusion and Intrusion Detection/Diagnosis</i> Sahib Jan, Angela Schwering, Carl Schultz and Malumbo Chipofya. <i>RCC11-lpc: A Finer Topological Representation for the Alignment of Regions in Sketch Maps</i> Andrew Lovett and Steven Franconeri. <i>Humans Encode Qualitative Topological Relations</i>	St. Thomas
12:15 PM	2:00 PM	Lunch We encourage workshop participants to explore the many restaurant options in downtown Minneapolis. Some suggestions are provided in your welcome packet	
2:00 PM	3:00 PM	Session 2: Knowledge Acquisition and Representation I Maria Chang and Kenneth Forbus. <i>Towards Interpretation Strategies for Multimodal Instructional Analogies</i> Kenneth Forbus, David Barbella and Clifton Mcfate. <i>Qualitative Reasoning for Learning by Reading: A Theoretical Analysis</i>	St. Thomas
3:00 PM	3:30 PM	Coffee Break	St. Thomas

3:30 PM	4:30 PM	<p>Session 3: Knowledge Acquisition and Representation II</p> <p>Scott Friedman. <i>Exploiting Graph Structure to Summarize and Compress Relational Knowledge</i></p> <p>Clifton Mcfate and Kenneth Forbus. <i>Frame Semantics of Continuous Processes</i></p>	St. Thomas
4:30 PM	5:30 PM	<p>Break</p> <p>Meet outside St. Thomas at 5:30 to walk to SIFT for poster/demo session. Maps will be provided for folks wishing to walk over early and/or set up for demos</p>	
6:00 PM	8:00 PM	<p>Poster/Demo Session</p> <p>Buffet dinner and drinks will be provided</p>	SIFT

Tuesday, August 11, 2015

Start	End	Description	Location
9:00 AM	9:15 AM	Welcome + Logistics	St. Thomas
9:15 AM	10:15 AM	Invited Talk: Kenneth Forbus <i>Qualitative Reasoning in the Everyday World</i>	St. Thomas
10:15 AM	10:45 AM	Coffee Break	St. Thomas
10:45 AM	11:45 PM	Session 4: Simulation and Applications I Peter Struss and Jana von Wedel. <i>Process-model-based Situation Assessment in a Case-study in Limnology</i> Fadoua Ghourabi and Kazuko Takahashi. <i>Generalization of Superposition of Rectangles based on Direction Relations</i>	St. Thomas
11:45 PM	1:30 PM	Lunch Lunch will be provided. Over lunch we will conduct a business meeting to discuss the future of the QR workshop and potential locations for the next meeting.	St. Thomas
1:30 PM	2:30 PM	Session 5: Simulation and Applications II Matthew Klenk, Johan de Kleer, Daniel Bobrow and Ion Matei. <i>But where do we start? Qualitative initialization problem with quantitative models</i> Matthew Mclure, Subu Kandaswamy and Kenneth Forbus. <i>Finding Textures in Sketches using Planar Ising Models</i>	St. Thomas
2:30 PM	3:30 PM	Break	
3:30 PM	8:30 PM	SOCIAL EVENT We will meet outside St. Thomas at 3:30 PM sharp to take a bus to 612 Brewery. At 612 we will get a brewery tour, sample some delicious Twin Cities craft beer and have dinner and time for socializing. Bus will depart 612 at 8:00 PM and arrive back at St. Thomas by 8:30 PM	