AAAI 2016 Spring Symposium on
Enabling Computing Research in Socially Intelligent Human-Robot Interaction: A Community-Driven Modular Research Platform

Maja Matarić (University of Southern California), Mark Yim (University of Pennsylvania), Ross Mead (University of Southern California)

	Mon., Mar. 21	Tue., Mar. 22	Wed., Mar. 21
09:00 - 09:45	*Introduction: Objectives, Hardware, and Appearance* (Mark Yim)	*Introduction: Software, Behaviors, and Beta Program Proposals* (Ross Mead)	*Introduction: Recap, Brainstorming, and Survey Planning* (Ross Mead)
09:45 - 10:30	*Community Input: Survey Results* (Ross Mead)	*Invited Speaker* (35-minute presentation + 10-minute Q&A) (Doug Dooley, Freelance Animator)	
10:30 - 11:00	*Break*	*Break*	*Break*
11:00 - 12:30	*Paper Presentations* (15-minute presentation + 3-minute Q&A) 11:00 - 11:18 *Feasibility Investigation of Low Cost Highly Functional Hardware Options for a Community Designed Social Robot* (Andrew Specian, Nick Eckenstein, and Mark Yim) 11:18 - 11:36 *Extendable Pantograph Arms* (Rick Goldstein and Manuela Veloso) 11:36 - 11:54 *How Humanlike Should a Social Robot Be: A User-Centered Exploration* (Hee Rin Lee and Selma Sabanovic) 11:54 - 12:12 *Trust Dynamics in Human – Autonomous Vehicle Interaction: A Review of Trust Models* (Chandrayee Basu and Mukesh Singhal) 12:12 - 12:30 *Long-Term Acceptance of Social Robots in Domestic Environments: Insights from a User's Perspective* (Maartje de Graaf, Somaya Ben Allouch, and Jan van Dijk)	*Paper Presentations* (15-minute presentation + 3-minute Q&A) 11:00 - 11:18 *The SERA ecosystem: Socially Expressive Robotics Architecture for Autonomous Human-Robot Interaction* (Tiago Ribeiro, André Pereira, Eugenio Di Tullio, and Ana Paiva) 11:18 - 11:36 *Towards An Architecture for Knowledge Representation and Reasoning in Robotics* (Mohan Sridharan) 11:36 - 11:54 *RoGuE : Robot Gesture Engine* (Rachel Holladay and Siddhartha Srinivasa) 11:54 - 12:12 *Eliciting Conversation in Robot Vehicle Interactions* (David Sirkin, Kerstin Fischer, Lars Jensen, and Wendy Ju) 12:12 - 12:30 *OpenWoZ: A Runtime-Configurable Wizard-of-Oz Framework for Human-Robot Interaction* (Guy Hoffman)	*Breakout Session: Robot Prototyping and Future Directions*
12:30 - 14:00	*Lunch*	*Lunch*	
14:00 - 14:45	*Invited Speaker* (35-minute presentation + 10-minute Q&A) (Andra Keay, Director at Silicon Valley Robotics)	*Invited Speaker* (35-minute presentation + 10-minute Q&A) (Nate Koenig, CTO at Open Source Robotics Foundation)	
14:45- 15:30	*Breakout Session: Social Robot Hardware Design and Appearance*	*Breakout Session: Social Robot Behavior and Interaction Design*	

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15:30 - 16:00	*Break*	*Break*
16:00 - 16:25	*Lightning Talks* (3-minute presentation + 1 question) 16:00 - 16:05 *Inevitable Psychological Mechanisms Triggered by Robot Appearance: Morality Included?* (Bertram Malle and Matthias Scheutz) 16:05 - 16:10 *Neato Robotics® Robots as a Robust Mobile Base for Modular HRI Research* (Lilia Moshkina and Frank Meyer) 16:10 - 16:15 *On the Use of Modular Software and Hardware for Designing Wheelchair Robots* (Martin Gerdzhev, Joelle Pineau, Ian Mitchell, Pooja Viswanathan, and Genevieve Foley) 16:15 - 16:20 *Electromagnetic Platform Stabilization for Moving Robotic Platforms* (Eric Deng and Ross Mead) 16:20 - 16:25 *Feasibility Investigation of Low Cost Highly Functional Hardware Options for a Community Designed Social Robot* (Andrew Specian, Nick Eckenstein, and Mark Yim)	*Lightning Talks* (3-minute presentation + 1 question) 16:00 - 16:05 *Wizard-of-Oz interfaces as a step towards autonomous HRI* (Nikolas Martelaro) 16:05 - 16:10 *Establishing Sustained and Supportive Human-Robot Relationships* (Sarah Strohkorb, Chien-Ming Huang, Aditi Ramachandran, and Brian Scassellati) 16:10 - 16:15 *Ms Robot Will Be Teaching You: Robot Lecturers in Four Modes of Automated Remote Instruction* (Jamy Li and Wendy Ju) 16:15 - 16:20 *Enabling Access to K-12 Education with Mobile Remote Presence* (Elizabeth Cha, Qandeel Sajid, and Maja Matarić) 16:20 - 16:25 *Introducing Quori: A Community-Driven Modular Social Robot Platform for Human-Robot Interaction* (Ross Mead, Mark Yim, Maja J Matarić, Simon Kim, Braden McDorman, Andrew Specian, Nick Eckenstein, Yue Chen, and Junghyo Lee)
16:30 - 17:30	*Poster Session*	*Poster Session*
18:00 - 19:00	*Reception*	*Plenary Session*