

HAIDM Workshop Programme

Session 1: 9:00 – 10:20

- Opening talk
- Automated Strategies for Determining Rewards for Human Work
Amos Azaria, Yonatan Aumann and Sarit Kraus
- Investigating Trust Issues arising from Human-Robot Information Sharing
Matthias U. Keysermann, Ruth Aylett, Sibylle Enz, Henriette Cramer, Carsten Zoll and Patricia A. Vargas
- A Methodology to Design Human-Like Embodied Conversational Agents based on Dialogue Analysis
Zacharie Ales, Guillaume Dubuisson Duplessis, Ovidiu Serban and Alexandre Pauchet
- Using Driver Type to Better Predict Drivers' Adaptive Cruise Control Settings
Avi Rosenfeld, Zevi Baraket, Claudia Goldman, Sarit Kraus, Dave Leblanc and Omer Tsimhoni
- ORCHID: Developing the Science of Human-Agent Collectives
- Sarvapali Ramchurn, Alex Rogers and Nick Jennings

Coffee Break: 10:20 – 10:50

Session 2: 10:50 – 13:00

- Coordination in Multi-Player Human-Computer Groups
Yaniv Mazliah and Yaakov Gal
- Agent-human Coordination with Communication Costs under Uncertainty 76
Asaf Frieder, Raz Lin and Sarit Kraus
- Towards Using Human Performance Moderator Functions in Human-Robot Teams
Caroline E. Harriott, Rui Zhuang, Julie A. Adams and Scott A. Deloach
- Adaptive Knowledge Assistants
Adam Eck and Leen-Kiat Soh
- Toward a Unified Theory of Human-Agent Modeling: A Position Paper
Elizabeth Sklar
- Socially Intelligent Agents to support Ethical Decision-Making
Anita Raja, Catriona Kennedy and Roger Hurwitz
- Social Rankings in Human-Computer Committees
Moshe Bitan, Kobi Gal, Sarit Kraus and Elad Dokow
- Modulating Agent Behavior using Human Personality Type
Jordan Salvit and Elizabeth Sklar
- Strategic Advice Provision in Repeated Human-Agent Interactions
Amos Azaria, Zinovi Rabinovich, Sarit Kraus, Claudia Goldman and Ya'akov Gal

Lunch Break: 13:00 – 14:20

Session 3:

- Invited Talk by Prof. Milind Tambe
- A Robust Solution Concept for Human Bounded Rationality in Security Games

James Pita, Richard John, Rajiv Maheswaran, Milind Tambe and Sarit Kraus

- Modeling Human Bounded Rationality to Improve Defender Strategies in Network Security Games
Rong Yang, Fei Fang, Albert Xin Jiang, Karhik Rajagopal, Milind Tambe and Rajiv Maheswaran
- Following Human Mobility Using Tweets
Mahdi Azmandian, Karan Singh, Ben Gelsey, Yu-Han Chang and Rajiv Maheswaran

Coffee Break: 16:00 – 16:30

Session 4: 16:30 – 17:10

- Learning to Reveal Information in Repeated Human-Computer Negotiation
Noam Peled, Kobi Gal and Sarit Kraus
- Team-It: A Game Framework for Evaluating Human-Agent Negotiation in a Geospatial Context
Spencer Frazier, Alex Newnan, Yu-Han Chang and Rajiv Maheswaran

Panel Session: (Members TBC) 17:10 – 18:00

Legend:

- Long talks  - 20 mins
- Short Talks  - 8 mins