6th IJCAI Workshop on Knowledge and Reasoning in Practical Dialogue Systems

Workshop Program

8:30 Welcome, introductions and opening discussion

8:45 Session 1: Novel applications
8:45 Bullying and Debt: Developing Novel Applications of Dialogue Systems
   Keeley Crockett, Zuhair Bandar, James O’Shea, David Mclean
9:15 An Integrated Authoring Tool for Tactical Questioning Dialogue Systems
   Sudeep Gandhe, Nicolle Whitman, David Traum, Ron Artstein
9:45 Discussion
10:00 Coffee break

10:30 Session 2: Probabilistic reasoning and resource integration
10:30 Interpreting Two-Utterance Requests in a Spoken Dialogue System
   Ingrid Zukerman, Enes Makalic, Michael Niemann
11:00 Integrating Spoken Dialog with Bayesian Intent Recognition: A Case Study
   Ronnie W. Smith, Brian Adams, Jon C. Rogers
11:15 Open-World Dialog: Challenges, Directions, and Prototype
   Dan Bohus, Eric Horvitz
11:45 A 3D Gesture Recognition System for Multimodal Dialog Systems
   Robert Neßelrath, Jan Alexandersson
12:00 Discussion
12:15 Lunch

1:45 Session 3: Dialogue frameworks
1:45 Dialog Modeling Within Intelligent Agent Modeling
   Marjorie McShane, Sergei Nirenburg
2:15 The Companions: Hybrid-World Approach
   Alexiei Dingli, Yorick Wilks, Roberta Catizone, Weiwei Cheng
2:30 A Set of Collaborative Semantics for an Abstract Dialogue Framework
   Julieta Marcos, Marcelo A. Falappa, Guillermo R. Simari
2:45 Discussion
3:00 Coffee break

3:30 Session 4: Evaluation and empirical methods
3:30 Automatic handling of Frequently Asked Questions using Latent Semantic Analysis
   Patrik Larsson, Arne Jönsson
4:00 Seeing What You Said: How Wizards Use Voice Search Results
   Rebecca J. Passonneau, Susan L. Epstein, Joshua B. Gordon, Tiziana Ligorio
4:15 Subjective, But Not Worthless – Non-linguistic Features of Chatterbot Evaluations
   Pawel Dybala, Michal Ptaszynski, Rafał Rzepka, Kenji Araki
4:30 SpeechEval – Evaluating Spoken Dialog Systems by User Simulation
   Tatjana Scheffler, Roland Roller, Norbert Reithinger
4:45 Discussion
5:00 Closing discussion