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, Rafal 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