

Workshop Program

FRIDAY September 2

08.30 - 09.00 Registration

09.00 - 09.10 Opening

SESSION 1: Outlook

09.10 - 10.10 **Invited speaker: Roberto Pieraccini**
Roberto Pieraccini and Juan Huerta
Where do we go from here? Research and Commercial Spoken Dialog Systems

10.10 - 10.35 The YRR-SDS Organizing Committee
A Review of the Young Researchers' Roundtable on Spoken Dialog Systems

10.35 - 11.05 Coffee break

SESSION 2: Intonation; statistical approaches in dialogue management

11.05 - 11.30 Wieneke Wesseling and R. J. J. H. van Son
Early Preparation of Experimentally Elicited Minimal Responses

11.30 - 11.55 Cinzia Avesani and Mario Vayra
Accenting Deaccenting and Information Structure in Italian Dialogue

11.55 - 12.20 Jason D. Williams, Pascal Poupart and Steve Young
Partially Observable Markov Decision Processes with Continuous Observations for Dialogue Management

12.20 - 12.45 Tim Paek and David Maxwell Chickering
The Markov Assumption in Spoken Dialogue Management

12.45 - 14.15 Lunch break

SESSION 3: Training data and machine learning

14.15 - 14.40 Jost Schatzmann, Kallirroi Georgila and Steve Young
Quantitative Evaluation of User Simulation Techniques for Spoken Dialogue Systems

14.40 - 15.05 Grace Chung, Stephanie Seneff and Chao Wang
Automatic Induction of Language Model Data for A Spoken Dialogue System

- 15.05 - 15.30 Matthias Denecke and Norihito Yasuda
Does this Answer your Question? Towards Dialogue Management for Restricted Domain Question Answering Systems
- 15.30 - 15.55 Raquel Fernández, Jonathan Ginzburg and Shalom Lappin
Using Machine Learning for Non-Sentential Utterance Classification
- 15.55 - 16.25 Tea break

SESSION 4: Corpora, coding schemes and tools

- 16.25 - 16.50 Kate Forbes-Riley and Diane J. Litman
Using Bigrams to Identify Relationships Between Student Certainty States and Tutor Responses in a Spoken Dialogue Corpus
- 16.50 - 17.15 Verena Rieser, Ivana Kruijff-Korbayová and Oliver Lemon
A Corpus Collection and Annotation Framework for Learning Multimodal Clarification Strategies
- 17.15 - 17.40 Natasa Jovanovic, Rieks op den Akker and Anton Nijholt
A Corpus for Studying Addressing Behavior in Multi-Party Dialogues
- 17.40 - 18.05 Alexander Gruenstein, John Niekrasz and Matthew Purver
Meeting Structure Annotation: Data and Tools
- 18.15 - 19.15 SIGdial business meeting
- 20.00 Reception

SATURDAY September 3

SESSION 5: Error recovery

- 09.15 - 10.15 **Invited speaker: Michael McTear**
Handling Miscommunication: Why Bother?
- 10.15 - 10.40 Dan Bohus and Alexander I. Rudnický
Sorry, I Didn't Catch That! - An Investigation of Non-understanding Errors and Recovery Strategies
- 10.40 - 11.05 Ed Filisko and Stephanie Seneff
Developing City Name Acquisition Strategies in Spoken Dialogue Systems Via User Simulation
- 11.05 - 11.35 Coffee break

SESSION 6: Dialogue evaluation

- 11.35 - 12.00 Liza Hassel and Eli Hagen
Evaluation of a Dialogue System in an Automotive Environment
- 12.00 - 12.25 Sebastian Möller
Parameters for Quantifying the Interaction with Spoken Dialogue Telephone Services

SESSION 7: Poster and demo presentations

- 12.30 - 13.10 Short appetizers
- Dirk Bühler, Wolfgang Minker and Artha Elciyanti
Using Language Modelling to Integrate Speech Recognition with a Flat Semantic Analysis
- Yu-Fang H. Wang, Stefan W. Hamerich, Marcus E. Hennecke and Volker M. Schubert
Speech-controlled Media File Selection on Embedded Systems
- Liza Hassel and Eli Hagen
Adaptation of an Automotive Dialogue System to Users' Expertise
- Hans Dybkjær and Laila Dybkjær
DialogDesigner - A Tool for Rapid System Design and Evaluation
- Dan Bohus and Alexander I. Rudnický
Error Handling in the RavenClaw Dialog Management Architecture

David Traum, William Swartout, Jonathan Gratch, Stacy Marsella, Patrick Kenny, Eduard Hovy, Shri Narayanan, Ed Fast, Bilyana Martinovski, Rahul Baghat, Susan Robinson, Andrew Marshall, Dagen Wang, Sudeep Gandhe and Anton Leuski
Dealing with Doctors: A Virtual Human for Non-team Interaction

Niels Ole Bernsen and Laila Dybkjær
Meet Hans Christian Andersen

Johan Boye and Joakim Gustafson
How to do Dialogue in a Fairy-tale World

13.10 - 14.40 Lunch break

SESSION 7: Poster and demo presentations (continued)

14.40 - 16.10: Poster and demo visits

16.10 - 16.40 Tea break

SESSION 8: Discourse and dialogue modelling

16.40 - 17.05 Gabriel Skantze
GALATEA: A Discourse Modeller Supporting Concept-level Error Handling in Spoken Dialogue Systems

17.05 - 17.30 Helmut Horacek and Magdalena Wolska
A Hybrid Model for Tutorial Dialogs

17.30 - 17.55 Nate Blaylock and James Allen
A Collaborative Problem-Solving Model of Dialogue

17.55 Closing