

## PROGRAM OF THE 4TH SIGDIAL WORKSHOP ON DISCOURSE AND DIALOGUE

### Saturday, July 5, 2003

- 8:00–9:30     *Registration*
- 9:30–9:35     Workshop Opening: *Akira Kurematsu*
- 9:35–10:30    Keynote Address: “*Issues in dialogue management for Multiparty dialogue*”, *David Traum*
- 10:30–10:50   *Break*
- 10:50–11:10   *Understanding Information Graphics: A Discourse-Level Problem*  
*Sandra Carberry, Stephanie Elzer, Nancy Green, Kathleen McCoy and Daniel Chester*
- 11:10–11:30   *Annotating Opinions in the World Press*  
*Theresa Wilson and Janyce Wiebe*
- 11:30–11:50   *Answering Clarification Questions*  
*Matthew Purver, Patrick G.T. Healey, James King, Jonathan Ginzburg and Greg J. Mills*
- 11:50–12:05   *Turn-taking in Graphical Communication: an exploratory study* [SHORT PAPER]  
*Atsue Takeoka, Atsushi Shimojima and Yasuhiro Katagiri*
- 12:05–12:25   *PALinkA: A highly customisable tool for discourse annotation* [SHORT PAPER AND DEMONSTRATION]  
*Constantin Orăsan*
- 12:25–14:00   *Lunch*
- 14:00–14:20   *An Information-theoretic Approach for Argument Interpretation*  
*Sarah George and Ingrid Zukerman*
- 14:20–14:40   *Conversational inferences: the hard way and the easy way*  
*Yukiko Kawaguchi*
- 14:40–15:00   *The interpretation of non-sentential utterances in dialogue*  
*David Schlangen and Alex Lascarides*
- 15:00–15:15   *Speaker-independent context update rules for dialogue management* [SHORT PAPER]  
*Samson de Jager, Nick Wright and Alistair Knott*
- 15:15–15:30   *A Method for Forming Mutual Beliefs for Communication through Human-robot Multi-modal Interaction* [SHORT PAPER]  
*Naoto Iwahashi*
- 15:30–15:50   *Break (Demonstrations in Room B)*
- 15:50–16:10   *Flexible Spoken Dialogue System based on User Models and Dynamic Generation of VoiceXML Scripts*  
*Kazunori Komatani, Fumihiko Adachi, Shinichi Ueno, Tatsuya Kawahara and Hiroshi G. Okuno*
- 16:10–16:30   *Building a New Internet Chat System for Sharing Timing Information*  
*Kanayo Ogura, Takeshi Masuda and Masato Ishizaki*
- 16:30–16:50   *Interpreter for Highly Portable Spoken Dialogue System*  
*Masamitsu Umeda, Satoru Kogure and Seiichi Nakagawa*
- 16:50–17:05   *DIPPER: Description and Formalisation of an Information-State Update Dialogue System Architecture* [SHORT PAPER]  
*Johan Bos, Ewan Klein, Oliver Lemon and Tetsushi Oka*
- 17:10–18:00   *Business Meeting (Demonstrations continue in Room B)*
- 18:00–19:30   *Reception*

## Sunday, July 6, 2003

- 9:00–9:20 *Spoken Dialogue for Virtual Advisers in a semi-immersive Command and Control environment*  
Dominique Estival, Michael Broughton, Andrew Zschorn and Elizabeth Pronger
- 9:20–9:40 *Using Wizard-of-Oz simulations to bootstrap Reinforcement-Learning based dialog management systems*  
Jason D. Williams and Steve Young
- 9:40–10:00 *Example-based Spoken Dialogue System using WOZ System Log*  
Hiroya Murao, Nobuo Kawaguchi, Shigeki Matsubara, Yukiko Yamaguchi and Yasuyoshi Inagaki
- 10:00–10:15 *Learning to Speak to a Spoken Language System: Vocabulary Convergence in Novice Users*  
[SHORT PAPER]  
Gina-Anne Levow
- 10:15–10:35 *A procedure assistant for astronauts in a functional programming architecture, with step previewing and spoken correction of dialogue moves* [SHORT PAPER AND DEMONSTRATION]  
Gregory Aist, Manny Rayner, John Dowding, Beth Ann Hockey, Susana Early and Jim Hieronymus
- 10:35–10:55 *Break*
- 10:55–11:15 *Some empirical findings on dialogue management and domain ontologies in dialogue systems – Implications from an evaluation of BIRDQUEST*  
Annika Flycht-Eriksson and Arne Jönsson
- 11:15–11:35 *Managing Dialogue Interaction: A Multi-Layered Approach*  
Oliver Lemon, Lawrence Cavedon and Barbara Kelly
- 11:35–11:55 *Ontology-based Contextual Coherence Scoring*  
Robert Porzel, Iryna Gurevych and Christof E. Müller
- 11:55–12:10 *Dialog Input Ranking in a Multi-Domain Environment Using Transferable Belief Model*  
[SHORT PAPER]  
Hong-I Ng and Kim-Teng Lua
- 12:10–13:50 *Lunch*
- 13:50–14:10 *An Annotation Tool for Multimodal Dialogue Corpora using Global Document Annotation*  
Kazunari Ito and Hiroaki Saito
- 14:10–14:35 *Multi-Level Annotation in MMAX* [WITH DEMONSTRATION]  
Christoph Müller and Michael Strube
- 14:35–14:55 *Domain Specific Speech Acts for Spoken Language Translation*  
Lori Levin, Chad Langley, Alon Lavie, Donna Gates, Dorcas Wallace and Kay Peterson
- 14:55–15:10 *Annotating emotion in dialogue* [SHORT PAPER]  
Richard Craggs and Mary McGee Wood
- 15:10–15:25 *Developing a Typology of Dialogue Acts: Some Boundary Problems* [SHORT PAPER]  
Tiit Hennoste, Mare Koit, Andriela Rääbis, Krista Strandson, Maret Valdisoo and Evelyn Vutt
- 15:25–15:45 *Break*
- 15:45–17:00 Panel: *Paradigms, Corpora and Tools in Discourse and Dialogue Research*
- 17:00 *Workshop closes*