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, Fumihiro 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 Evely Vutt

15:25–15:45   *Break*

15:45–17:00   Panel: *Paradigms, Corpora and Tools in Discourse and Dialogue Research*

17:00   *Workshop closes*