Proceedings of the 6th SIGdial Workshop on Discourse and Dialogue

Edited by
Laila Dybkjær and Wolfgang Minker

2-3 September 2005
Lisbon, Portugal
Preface

We are happy to present the proceedings of the Sixth SIGdial Workshop on Discourse and Dialogue. This workshop continues a series of successful workshops held in Hong Kong, Aalborg, Philadelphia, Sapporo and Boston, and spans the ACL and ISCA SIGdial interest area of discourse and dialogue. The workshop series provides a regular forum for the presentation of research in the discourse and dialogue area to both the larger SIGdial community as well as to researchers outside this community. The workshop is organised by SIGdial, which is sponsored jointly by ACL and ISCA.

We received a total of 80 submissions for this year’s workshop which is the highest submission rate to date for the SIGdial workshop series. We have accepted 28 of these papers which is typical for a SIGdial workshop. However, this meant that competition was very hard this year and many good papers had to be rejected. We would like to thank all authors for the effort they spent on their submissions.

Together the accepted papers cover a wide range of topics in discourse and dialogue including discourse and dialogue modelling, dialogue design, error recovery, evaluation of dialogue systems, multimodal dialogue systems, machine learning, statistical approaches in dialogue management, intonation issues, corpora, annotation, and tools.

We are especially grateful for the work of the Program Committee. The many submissions meant that their workload has been considerable. It has been an invaluable help for us to have their input and comments when making the many and often difficult decisions on which papers to accept. The names of the Program Committee members are listed on the next page.

We would also like to express our thanks to several people who otherwise assisted us in organising the workshop. Torben Kruchov Madsen from NISLab took care of all web pages related to the workshop, including submission and review pages. Priscilla Rasmussen from ACL helped with financial matters. Angela Rittinger from the University of Ulm helped us with organising the review process. Antonio Serralheiro from INESC took care of all local organisation. David Traum from ICT and president of SIGdial assisted with communication to the print house and with various supportive input.

Last but not least we would like to thank our invited speakers Michael McTear from University of Ulster and Roberto Pieraccini from IBM. We are convinced that their contributions will be very valuable to the workshop.

We are happy to announce that a book on recent trends in discourse and dialogue will be published in the Springer Text, Speech, and Language Technology series. The book will be based partly on selected, revised and possibly extended workshop papers and partly on invited contributions. We are looking forward to collaborating with Jolanda Voogd from Springer on this book.

We wish all workshop participants an enjoyable and fruitful event and we hope that all readers of the proceedings will benefit from the contents.

Laila Dybkjær (University of Southern Denmark) and Wolfgang Minker (University of Ulm)
Organising Committee
Program Committee

Jan Alexandersson, DFKI, Germany
Niels Ole Bernsen, University of Southern Denmark
André Berton, DaimlerChrysler AG, Germany
Dirk Bühler, University of Ulm, Germany
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Susann Luperfoy, Stottler Henke Associates, USA
Joseph Mariani, French Ministry of Research and Education
Michael McTear, University of Ulster, UK
Sharon Oviatt, Oregon Health and Sciences University, USA
Tim Paek, Microsoft Research, USA
Patrick Paroubek, LIMSI-CNRS, France
Roberto Pieraccini, IBM, USA
Massimo Poesio, University of Essex, UK
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Alex Rudnicky, Carnegie Mellon University, USA
Elizabeth Shriberg, SRI International and ICSI, USA
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Ronnie Smith, East Carolina University, USA
Michael Streit, DFKI, Germany
Marc Swerts, Tilburg University, The Netherlands
Joel Tetrault, University of Pittsburgh, USA
David Traum, USC/ICT, USA
Bonnie Webber, University of Edinburgh, UK
Janyce Wiebe, University of Pittsburgh, USA
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09.00 - 09.10  Opening

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10.10 - 10.35 The YRR-SDS Organizing Committee
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10.35 - 11.05 Coffee break

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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
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14.40 - 15.05 Grace Chung, Stephanie Seneff and Chao Wang
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15.05 - 15.30 Matthias Denecke and Norihiro 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
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15.55 - 16.25 Tea break

SESSION 4: Corpora, coding schemes and tools

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17.15 - 17.40 Natasa Jovanovic, Rieks op den Akker and Anton Nijholt
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Meeting Structure Annotation: Data and Tools

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11.05 - 11.35 Coffee break

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