Proceedings of the Tenth Australasian Document Computing Symposium,
held at The University of Sydney
12 December 2005.

Published by the
School of Information Technologies,
The University of Sydney,
NSW 2006, Australia.

Editors:

Judy Kay
Andrew Turpin
Ross Wilkinson

ISBN 1-86487-787-1

Chairs’ Preface

These proceedings contain the papers of the Tenth Australian Document Computing Symposium hosted by, and held within, the School of Information Technologies at The University of Sydney.

The two keynote addresses, eleven papers and six abstracts reflect the breadth and interest of the Australian research community in the area of document computing.

The eleven papers here were selected from thirteen submissions. Every paper had three peer reviews. Submitted papers were anonymously reviewed at their full length by experts in the area. Dual submissions were explicitly prohibited.

The members of the program committee and the extra reviewers deserve special thanks for their contribution to ADCS2005. Reviewers not listed among the program committee include Halil Ali, Michael Cameron, Richard Cole, Jon Ducrou and Mingfang Wu. We would also like to thank the University of Sydney for their involvement in 2005 as sponsor and host of the event. The event is also supported by the ARC HCSNet.

The symposium includes many formal presentations, but perhaps its greatest benefit lies in the opportunity it provides for document computing practitioners to get together informally and to share ideas and enthusiasm.

Judy Kay
Andrew Turpin
Ross Wilkinson
Symposium Chair

Judy Kay The University of Sydney

Program Co-chairs

Andrew Turpin RMIT University
Ross Wilkinson CSIRO

Program Committee

Vo Ahn The University of Melbourne
Theresa Dirndorfer Anderson University of Technology, Sydney
Peter Bruza Queensland University of Technology
Bob Colomb University of Queensland
Stijn Dekeyser University of Southern Queensland
Peter Eklund University of Wollongong
Tom Gedeon Australian National University
David Hawking CSIRO
Judy Kay University of Sydney
Rob McArthur CSIRO
Alistair Moffat University of Melbourne
Gitesh K. Raikundalia Victoria University
Falk Scholer RMIT University
Saied Tahagohghi RMIT University
Jamie Thom RMIT University
Anne-Marie Vercoustre INRIA, France
William Webber The University of Melbourne
Justin Zobel RMIT University

ADCS Advisory Committee

Peter Bruza Queensland University of Technology
David Hawking CSIRO
Judy Kay University of Sydney
Alistair Moffat University of Melbourne
Ross Wilkinson CSIRO
Justin Zobel RMIT University
Contents

Keynote Address
From Non-Segmenting Language Processing to Web Language Engineering
Virach Sornlertlamvanich (Thai Computational Linguistics Laboratory, NICT, Thailand)

Invited Presentation
Document Processing using Formal Concept Analysis
Peter Eklund (University of Wollongong)

Papers (Fully Refereed)
Web Searcher Interactions with Multiple Federate Content Collections
Amanda Spink (Queensland University of Technology), Bernard J. Jansen (The Pennsylvania State University), Chris Blakely (Infospace, Inc), Sherry Koshman (University of Pittsburgh)

Document modelling for customised information delivery
Shijian Lu, Cecile Paris and Mingfang WU (CSIRO ICT Centre)

Readability of French as a Foreign Language and its Uses
Alexandra Uitdenbogerd (RMIT University)

In Search of Reliable Retrieval Experiments
William Webber and Alistair Moffat (The University of Melbourne)

Document Expansion versus Query Expansion for Ad-hoc Retrieval
Bodo Billerbeck and Justin Zobel (RMIT University)

ePOC: Mobile Clinical Information Access and Diffusion in Ambulatory Care Service Settings
Peter Eklund and Jason Sargent (University of Wollongong)

An Experimental Study of Workflow and Collaborative Document Authoring in Medical Research
Venkata Nallaparaju, Gitesh K. Raikundalia (Victoria University), Caroline Brand, Christopher Bain and Ana Hutchinson (Melbourne Health)

Applying Formal Concept Analysis to Semantic File Systems Leveraging Wordnet
Ben Martin (The University of Queensland) and Peter Eklund (The University of Wollongong)

Biomedical Named Entity Recognition System
Jon Patrick and Yefeng Wang (University of Sydney)

Cross Training and Under Sampling in Categorization of Company Announcements
Cheng Weng and Josiah Poon (The University of Sydney)

Recommending Geocaches
Andrew Trotman, Timothy Jones and Chris Handley (University of Otago)

Posters (Refereed)
Evaluating an ontology with OntoClean
Jonathan Yu, James A. Thom and Audrey Tam (RMIT University)

Document Ranking for Effectiveness-Efficiency Tradeoffs
Vo Ngoc Anh and Alistair Moffat (The University of Melbourne)

Document Priors for Query Prediction
Steven Garcia, Nicholas Lester and Justin Zobel (RMIT University)

A Metadata Collection Technique for Documents in WinFS
Stijn Dekeyser (University of Southern Queensland)

Hosting search services for the Australian Government
George Ferizis and David Hawking (CSIRO ICT Centre)

Automatic Identification of English and Indonesian Parallel Documents
Jelita Asian, Falk Scholer, S.M.M. Tahaghoghi, and Justin Zobel (RMIT University)

SciFly - Customised Flyers on Demand
Andrew Lampert (CSIRO ICT Centre)