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# Information Retrieval Technology

5th Asia Information Retrieval Symposium, AIRS 2009  
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Proceedings



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Volume Editors

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# Preface

Asia Information Retrieval Symposium (AIRS) 2009 was the fifth AIRS conference in the series established in 2004. The first AIRS was held in Beijing, China, the second in Jeju, Korea, the third in Singapore and the fourth in Harbin, China. The AIRS conferences trace their roots to the successful Information Retrieval with Asian Languages (IRAL) workshops, which started in 1996.

The AIRS series aims to bring together international researchers and developers to exchange new ideas and the latest results in information retrieval. The scope of the conference encompassed the theory and practice of all aspects of information retrieval in text, audio, image, video, and multimedia data.

AIRS 2009 received 82 submissions, from which we carefully selected 18 regular papers (22%) and 20 (24%) posters through a double-blind reviewing process. We are pleased to report that the conference proceedings include contributions from not only Asian countries, but also from Finland, Italy, Australia, UK and USA.

We are grateful to Elizabeth Liddy, chair of ACM SIGIR, for accepting to be the honorary conference chair, and to Hokkaido University for hosting the conference. We thank the Information Retrieval Facility, Microsoft Research Asia, Ricoh, Ltd., Global COE Program “Center for Next-Generation Information Technology Based on Knowledge Discovery and Knowledge Federation” and Sapporo International Communication Plaza Foundation for sponsoring the conference, and Springer for publishing the conference proceedings as part of their Lecture Notes in Computer Science (LNCS) series. We also thank ACM SIGIR and IPSJ SIGFI for giving the conference an “in cooperation with” status.

We thank the publication co-chairs, Akiko Aizawa and Kazuko Kuriyama, for compiling the camera-ready papers and liaising with Springer, and the finance chair, Takuya Kida, for successfully managing all money matters. We also thank the publicity co-chairs, Atsushi Fujii, Ian Soboroff, Dawei Song and William Webber, for advertising AIRS, and the area chairs and other program committee members for their high-quality and punctual reviews.

Finally, we acknowledge, and are inspired by, the many authors who submitted papers and who continue to contribute to this Asian community of IR research and development.

August 2009

Gary Geunbae Lee  
Dawei Song  
Chin-Yew Lin  
Masaharu Yoshioka  
Tetsuya Sakai

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