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Advances in Data and Web Management

Joint 9th Asia-Pacific Web Conference, APWeb 2007
and 8th International Conference
on Web-Age Information Management, WAIM 2007
Huang Shan, China, June 2007, Proceedings

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Preface

The rapid prevalence of Web applications requires new technologies for the design, implementation and management of Web-based information systems, and for the management and analysis of information on the Web. The joint APWeb/WAIM 2007 conference, combining the traditions of APWeb and WAIM conferences, was an international forum for researchers, practitioners, developers and users to share and exchange cutting-edge ideas, results, experience, techniques and tools in connection with all aspects of Web data management. The conference drew together original research and industrial papers on the theory, design and implementation of Web-based information systems and on the management and analysis of information on the Web. The conference was held in the beautiful mountain area of Huang Shan (Yellow Mountains) — the only dual World Heritage listed area in China for its astonishing natural beauty and rich and well-preserved culture. These proceedings collected the technical papers selected for presentation at the conference, held at Huang Shan, June 16–18, 2007.

In response to the call for papers, the Program Committee received 554 full-paper submissions from North America, South America, Europe, Asia, and Oceania. Each submitted paper underwent a rigorous review by three independent referees, with detailed review reports. Finally, 47 full research papers and 36 short research papers were accepted, from Austria, Australia, Canada, China, Cyprus, Greece, Hong Kong, Japan, Korea, Singapore, Taiwan, and USA, representing a competitive acceptance rate of 15%. The contributed papers address a broad spectrum on Web-based information systems, including data mining and knowledge discovery, information retrieval, P2P systems, sensor networks and grids, spatial and temporal databases, Web mining, XML and semi-structured data, query processing and optimization, data integration, e-learning, privacy and security, and streaming data. The proceedings also include abstracts of keynote speeches from four well-known researchers and four invited papers.

We were extremely excited with our Program Committee, comprising outstanding researchers in the APWeb/WAIM research areas. We would like to extend our sincere gratitude to the Program Committee members and external reviewers.

Last but not least, we would like to thank the sponsors, for their support of this conference, making it a big success. Special thanks go to Anhui University, The Chinese University of Hong Kong, The University of New South Wales, Anhui Association of Science and Technology, Anhui Computer

Federation, Hohai University, Huangshan University, National Science Foundation of China, and Oracle.

June 2007

Guozhu Dong
Xuemin Lin
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APWeb/WAIM 2007 was jointly organized by Anhui University, University of Science and Technology of China, The Chinese University of Hong Kong, and The University of New South Wales.

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