Preface

The 7th Pacific Asia Conference on Knowledge Discovery and Data Mining (PAKDD) was held from April 30 to May 2, 2003 in the Convention and Exhibition Center (COEX), Seoul, Korea. The PAKDD conference is a major forum for academic researchers and industry practitioners in the Pacific Asia region to share original research results and development experiences from different KDD-related areas such as data mining, data warehousing, machine learning, databases, statistics, knowledge acquisition and discovery, data visualization, and knowledge-based systems. The conference was organized by the Advanced Information Technology Research Center (AITrc) at KAIST and the Statistical Research Center for Complex Systems (SRCCS) at Seoul National University. It was sponsored by the Korean Data mining Society (KDMS), the Korea Information Science Society (KISS), the United States Air Force Office of Scientific Research, the Asian Office of Aerospace Research & Development, and KAIST. It was held with cooperation from ACM’s Special Group on Knowledge Discovery and Data Mining (SIGKDD).

In its seventh year, PAKDD has reached new heights of recognition as a quality forum for the dissemination and discussion of KDD research. This is evident from the high number of submissions and the highly selective nature of the review process. Out of 215 submissions, only 38 were selected as full papers, and 20 as short papers for inclusion in the proceedings. Given this, we were unable to accommodate many high-quality papers. We thank the authors of all submitted papers for their efforts, which provided the basic ingredient for developing an exceptionally solid technical program. PAKDD has become a truly international forum, as is evident from the fact that papers were submitted from 22 countries across six continents. Similarly, the program committee consisted of 70 members from five continents.

The PAKDD 2003 technical program was enhanced by two keynote speeches, delivered by Dr. Rakesh Agrawal of IBM’s Almaden Research Center and Prof. Andrea Buja of the University of Pennsylvania. In addition to the main technical program, PAKDD 2003 also had two tutorials, namely Data Mining for Intrusion Detection (by Aleksandar Lazarevic, Jaideep Srivastava and Vipin Kumar), and Analyzing and Mining Data Streams (by Sudipto Guha and Nick Koudas). Finally, two international workshops, titled “Mining Data for Actionable Knowledge,” and “Biological Data Mining,” were also organized in conjunction with this meeting. Articles in these workshops are being published separately.

The conference would not have been a success without help from many people, and our thanks go to all of them. We would like to express our special thanks to our honorary chairs, Won Kim at Cyber Database Solutions and Sukho Lee at Seoul National University for providing valuable advice on all aspects of the conference’s organization. We also extend our sincere thanks to the international advisory committee members, Dr. Rakesh Agrawal, Prof. Jiawei Han, and Dr.
Kuan-Tsae Huang for their moral support. We owe a great debt to the program committee members for doing their reviews in a timely manner. This is especially commendable, given that most of the reviews were done during the holidays and at short notice. Sang Kyun Cha and Rajeev Rastogi solicited and selected excellent tutorials. Doheon Lee and Bongki Moon arranged several workshops on interesting topics. Ramakrishnan Srikant ensured excellent talks from experienced leaders from industry. Jaehee Cho solicited valuable industry support and coordinated industry demonstrations. Myoung Kim and Byung S. Lee did a tremendous job in distributing the CFP to solicit papers. Byung Yeon Hwang ensured a smooth and successful registration process. Yong Chul Oh, Sungzoon Cho and Jinho Kim handled the local arrangements exceptionally well. As publications chair, Byoung-Kee Yi ensured that all authors submitted the final versions of their papers in a timely and error-free manner. The high-quality proceedings and tutorial notes are a result of this effort. Eui Kyeong Hong and Won Chul Jhee ensured the smooth operation of the conference. Needless to say, all members of the Steering Committee provided their full support in making PAKDD 2003 a success.

April 2003

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