Preface

BIFE 2009

In the last decade, the rapid growth of enterprise data volumes have made enterprise information processing more and more difficult due to the increase of complexity. This forces businesses and academics alike to turn to sophisticated intelligent computing technologies for better solutions. A typical feature is that high-performance computers and advanced computational techniques play ever-increasingly important roles in business and industries to have competitive advantages. Accordingly, business intelligence (BI) is emerged as a multidisciplinary field incorporating artificial intelligence (AI), computer science, business planning, financial engineering, intelligent techniques and computer simulations to improve different business decisions. In order to promote theoretical development and strengthen practical discussions on the field of business intelligence and financial engineering applications, the Second International Conference on Business Intelligence and Financial Engineering (BIFE 2009) was held in Beijing, China, 24-26 July 2009.

BIFE 2009 builds on the success of last year's conference held in Changsha, China during 28-30 October 2008. The main purpose of BIFE 2009 is to bring together researchers, developers, practitioners, and users of artificial intelligence, computer science, financial engineering and other business applications to present, discuss and exchange ideas, results and experiences in the fields of business intelligence for problems in financial engineering and inter-disciplinary business applications. This conference provides an open international forum for academic researchers and industry practitioners in the field of business intelligence and financial engineering from universities throughout the world to practitioners from industry to share cutting-edge information, to address current hottest issues, and to explore new modeling approaches and future alternative solutions.

This year we received 599 submissions (including two main tracks and four workshops) from 14 countries and regions. All submitted papers went through a rigorous reviewing process. Every submission was reviewed by at least two independent reviewers in a standard peer-review process. Papers belonged to two main categories: regular papers of 5 pages and short papers of 4 pages in terms of review comments. According to the results of peer-review, 119 papers are accepted as regular papers and 78 papers are accepted as short papers by the conference and the total acceptance rate of the conference was 32.89% (197 papers accepted out of 599 submissions).

BIFE 2009 would not have been successful without the support of many people and organizations. First and foremost, we would like to thank all the authors for submitting their papers to the conference, for their presentations and discussions during the conference. We would like to express our gratitude to Program Committee members and reviewers, who carried out the most difficult work by carefully evaluating the submitted papers. We would like to give special thanks to the conference sponsors. This year, BIFE 2009 is co-sponsored by Department of Management Science of National Natural Science Foundation of China (NSFC), China; Centre for Forecasting Science (CEFS) of Chinese Academy of Sciences (CAS), China; Key Laboratory of Management, Decision and Information Systems (MADIS) of CAS, China; School of Economics and Management, Changsha University of Science & Technology, China; Tenly Software Incorporated, Shanghai, China; International Institute for Decision Sciences (IIDS), Hong Kong; and Painting and Calligraphy Institute, Beijing Xueze Academy, China. Meantime, BIFE 2009 is technically co-sponsored by IEEE Computer Society, USA; System Engineering Society of China (SESC), China; IEEE Computer Society Technical Committee on Intelligent Informatics (TCII), USA; College of Business Administration, California State University at San Marcos, USA; and Decision Sciences Society of China (DSSC), China. Their sponsorships support the success of conference.

BIFE 2009 has marked an important shift in the number of submissions received and in attracting a larger audience of researchers. This year, BIFE 2009 has two main tracks: Business Intelligence and
Financial Engineering. In conjunction with BIFE 2009 we have 4 workshops that complemented BIFE 2009 program with contributions for specific topics. We would like to thank all workshops chairs for their excellent work in organizing these workshops.

We would like to express our gratitude to Patrick Kellenberger, CPS production editor of IEEE Computer Society Press, for all the support and help related to the production of this important scientific work. BIFE 2009 conference used EasyChair Conference System and the system developer, Andrei Voronkov’s support is much appreciated.

Finally, we would like to thank all conference participants for their contribution and support. Do hope all participants took this opportunity to share and exchange ideas with one another and enjoy BIFE 2009.

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