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Preface

ACIIDS 2011 was the third event of the series of international scientific conferences for research and applications in the field of intelligent information and database systems. The aim of ACIIDS 2011 was to provide an international forum for scientific research in the technologies and applications of intelligent information, database systems and their applications. ACIIDS 2011 was co-organized by Yeungnam University (Korea) and Wroclaw University of Technology (Poland) and took place in Deagu (Korea) during April 20–22, 2011. The first two events, ACIIDS 2009 and ACIIDS 2010, took place in Dong Hoi city and Hue city in Vietnam, respectively.

We received more than 310 papers from 27 countries over the world. Each paper was peer reviewed by at least two members of the International Program Committee and International Reviewer Board. Only 110 papers with the highest quality were selected for oral presentation and publication in the two volumes of ACIIDS 2011 proceedings.

The papers included in the proceedings cover the following topics: intelligent database systems, data warehouses and data mining, natural language processing and computational linguistics, Semantic Web, social networks and recommendation systems, collaborative systems and applications, e-bussiness and e-commerce systems, e-learning systems, information modeling and requirements engineering, information retrieval systems, intelligent agents and multi-agent systems, intelligent information systems, intelligent Internet systems, intelligent optimization techniques, object-relational DBMS, ontologies and knowledge sharing, semi-structured and XML database systems, unified modeling language and unified processes, Web services and Semantic Web, computer networks and communication systems.

Accepted and presented papers highlight the new trends and challenges of intelligent information and database systems. The presenters showed how new research could lead to new and innovative applications. We hope you will find these results useful and inspiring for your future research.

We would like to express our sincere thanks to the Honorary Chairs, Tadeusz Więckowski (Rector of Wroclaw University of Technology, Poland), Makoto Nagao (President of National Diet Library, Japan), and Key-Sun Choi (KAIST, Korea) for their support.

Our special thanks go to the Program Co-chairs, all Program and Reviewer Committee members and all the additional reviewers for their valuable efforts in the review process which helped us to guarantee the highest quality of the selected papers for the conference. We cordially thank the organizers and chairs of special sessions, who essentially contribute to the success of the conference.

We also would like to express our thanks to the keynote speakers (Hamido Fujita, Halina Kwaśnicka, Yong-Woo Lee and Eugene Santos Jr.) for their interesting and informative talks of world-class standard.

We cordially thank our main sponsors, Yeungnam University (Korea), Wroclaw University of Technology (Poland) and University of Information Technology (Vietnam). Our special thanks are due also to Springer for publishing the proceedings, and the other sponsors for their kind support.

We wish to thank the members of the Organizing Committee for their very substantial work, especially those who played essential roles: Jason J. Jung, Radosław Katarzyniak (Organizing Chairs) and the members of the Local Organizing Committee for their excellent work.

We cordially thank all the authors for their valuable contributions and other participants of this conference. The conference would not have been possible without them.

Thanks are also due to many experts who contributed to making the event a success.

April 2011

Ngoc Thanh Nguyen
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