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Preface

Intelligence and security informatics (ISI) is an interdisciplinary research area concerned with the study of the development and use of advanced information technologies and systems for national, international, and societal security-related applications. In the past few years, we have witnessed that ISI experienced tremendous growth and attracted significant interest involving academic researchers in related fields as well as practitioners from both government agencies and industry.

In 2006, the Workshop on ISI was started in Singapore in conjunction with PAKDD, with most contributors and participants from the Asia-Pacific region. The second Pacific Asia Workshop on ISI, PAISI 2007, was held in Chengdu. Following that, the annual PAISI workshop was held in Taipei (2008), Bangkok, Thailand (2009), and Hyderabad, India (2010).

Building on the momentum of these ISI meetings, we held PAISI 2011 together with IEEE ISI 2011 in Beijing, China, in July 2011. PAISI 2011 brought together technical and policy researchers from a variety of fields and provided a stimulating forum for ISI researchers in Pacific Asia and other regions of the world to exchange ideas and report research progress. This volume of Springer's *Lecture Notes in Computer Science* contains 13 research papers presented at PAISI 2011. It presents a significant view on regional data sets and case studies, including Asian language processing, infectious informatics, emergence response, and cultural computing.

PAISI 2011 was jointly hosted by the Chinese Academy of Sciences, the University of Arizona, and the University of Hong Kong.

We wish to express our gratitude to all members of the Workshop Program Committee and additional reviewers who provided high-quality, constructive review comments within a tight schedule. Our special thanks go to the members of the Workshop Organizing Committee, as well as Guanpi Lai and Yanqing Gao for their help. We would like to acknowledge the excellent cooperation with Springer in the preparation of this volume. Last but not least, we thank all researchers in the ISI community for their strong and continuous support of the PAISI series and other related intelligence and security informatics research.

July 2011

Michael Chau
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