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Preface

We are delighted to present the proceedings of the 11th Asia-Pacific Network Operations and Management Symposium (APNOMS 2008) which was held in Beijing, China, during October 22–24, 2008.

The Organizing Committee (OC) selected the theme of this year's symposium as "Challenges for Next-Generation Network Operations and Service Management." Research and development on next-generation networks (NGNs) have been carried out over the last few years and we are already seeing their deployment and operations in many parts of Asia-Pacific countries. We are also beginning to experience new and interesting services that utilize these NGNs. We are certain that we will see more deployment of NGNs and NGN services in the next few years. Thus, the operations and management of NGNs and their services are very important to the network operators and service providers. At the same time, they are also concerned about new and more effective ways of performing the operations and management.

This year, the APNOMS call for papers received 195 paper submissions from 19 different countries, including countries outside the Asia-Pacific region (Europe, Middle-East, North and South America). Each paper was carefully reviewed by at least three international experts. Based on review scores, the APNOMS 2008 Technical Program Committee discussed the selection of papers, and selected 43 high-quality papers (22.1% of submissions) as full papers and 34 papers as short papers. Accepted papers were arranged into ten technical sessions and two short paper sessions (poster presentation). These sessions include Routing and Topology Management, Fault Management, Community and Virtual Group Management, Autonomous and Distrubted Control, Sensor Network Management, Traffic Identification, QoS Management, Policy and Service Management, Wireless and Mobile Network Management, and Security Management.

The Technical Program Committee (TPC) Co-chairs would like thank all those authors who contributed to the outstanding APNOMS 2008 technical program. We also thank the TPC, OC members and reviewers for their support throughout the paper review and program organization process. Also, we appreciate KICS KNOM, Korea, and IEICE ICM, Japan, for their sponsorship, as well as IEEE CNOM, IEEE APB, TMF, and IFIP WG 6.6, CIC, CCSA, and BK21 POSTECH FIT for their support for APNOMS 2008.

October 2008

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