Welcome to ICOIN 2005, the International Conference on Information Networking, held at Ramada Plaza Jeju Hotel, Jeju Island, Korea during January 31–February 2, 2005. ICOIN 2005 followed the success of previous conferences. Since 1986, the conference has provided a technical forum for various issues in information networking. The theme of each conference reflects the historic events in the computer communication industry. (Please refer to www.icoin2005.or.kr for details.) The theme of ICOIN 2004, “Convergence in Broadband and Mobile Networking,” was used again for ICOIN 2005 since we believed it was ongoing.

This year we received 427 submissions in total, which came from 22 countries. Upon submission, authors were asked to select one of the categories listed in the Call for Papers. The most popular category chosen was network security, followed by mobile networks and wireless LANs. Other areas with strong showings included QoS and resource management, ad hoc and sensor networks, and wireless multimedia systems. From the outset, we could see where recent research interest lay and could make sure that the theme was still going in the right direction.

The Technical Program Committee members were pleased to work together to present an outstanding program of technical papers. All submissions to ICOIN 2005 underwent a rigorous review process by the TPC members and external reviewers. Each paper was sent to three reviewers and judged based on its originality, significance, contribution, and presentation. The TPC of 37 people and 154 external reviewers was involved in reviewing them. The review process culminated in the meeting at Ewha Womans University, Korea on October 29, 2004, and ended at the meeting at Seoul National University, Korea on November 23, 2004, where the TPC finally accepted 96 papers (an acceptance ratio of 22%) for a three-day technical program.

We thank all the authors who submitted papers to ICOIN 2005. We also thank the external reviewers for their time, effort and timely response. They contributed their expertise a lot to the conference throughout the review process. Their names are provided in the proceedings. We wish to thank the TPC members for the fabulous job they did, especially Profs. Chong-kwon Kim (Seoul National University, Korea) and Sunyoung Han (Konkuk University, Korea) for their devotion to the conference as Vice Chairs of the TPC, and Mr. Ki Yong Park (Konkuk University, Korea) who was in charge of running the system used for submission and review. We extend our sincere thanks to Profs. Pascal Lorenz (Université de Haute Alsace, France) and Nitin Vaidya (UIUC, USA) for their strong support to the TPC.

We wish to express our special thanks to General Chair Prof. Sunshin Ahn (Korea University, Korea) for his advice on all aspects of the conference. We are deeply grateful to all the Organizing Committee members. As the Organizing Committee chair, Prof. Kijoon Chae (Ewha Womans University, Korea) pro-
vided wonderful administration support and ensured the smooth operation of the conference.

Thank you also to the attendees for joining us at ICOIN 2005.

November 2004

Cheeha Kim

TPC Chair

ICOIN 2005
Organizing Committee

General Chair
Sunshin An (Korea Univ., Korea)

Organizing Committee Chair
Kijoon Chae (Ewha Womans Univ., Korea)

Vice Chairs
Sung Won Sohn (ETRI, Korea)
Hideki Sunahara (NARA Institute of Science and Technology, Japan)

Local Arrangement Co-chairs
Khi Jung Ahn (Cheju National Univ., Korea)
Jong Won Choe (Sookmyung Women’s Univ., Korea)

Publicity Co-chairs
Mario Marques Freire (Univ. of Beira Interior, Portugal)
Chung-Ming Huang (National Cheng Kung Univ., Taiwan)
Hyun Kook Kahng (Korea Univ., Korea)
Osamu Nakamura (Keio Univ., Japan)
Krzysztof Pawlikowski (Univ. of Canterbury, New Zealand)

Publication Co-chairs
Sungchang Lee (Hankuk Aviation Univ., Korea)
Hyukjoon Lee (Kwangwoon Univ., Korea)

Registration Chair
Miae Woo (Sejong Univ., Korea)

Financial Chair
Choong Seon Hong (Kyunghee Univ., Korea)

Patron Co-chairs
Sang Chul Shin (NCA, Korea)
Yongtae Shin (Soonsil Univ., Korea)

System Administrator
Kiyoun Park (Konkuk Univ., Korea)
Program Committee

Chair
Cheeha Kim (Postech, Korea)

Vice Chairs
Sunyoung Han (Konkuk Univ., Korea)
Chong-kwon Kim (Seoul National Univ., Korea)
Pascal Lorenz (De Haute Alsace Univ., France)
Nitin Vaidya (UIUC, USA)

Members
Sanghyun Ahn (Univ. of Seoul, Korea)
William Arbaugh (Univ. of Maryland, USA)
B. Bing (Georgia Institute of Technology, USA)
Raouf Boutaba (Univ. of Waterloo, Canada)
Petre Chemouil (France Telecom R&D, France)
Jun Kyun Choi (ICU, Korea)
Myungwhan Choi (Sogang Univ., Korea)
Il-Yung Chong (Hankuk Univ. of Foreign Studies, Korea)
Michael Devetsikiotis (Carleton Univ., Canada)
Petre Dini (Cisco, USA)
Thierry Ernst (Keio Univ., Japan)
Nelson L.S. Fonseca (State Univ. of Campinas, Brazil)
Mario Marques Freire (Univ. of Beira Interior, Portugal)
H. Guyennet (Univ. of Franche-Comté, France)
A. Jamalipour (Univ. of Sydney, Australia)
Yeong Min Jang (Kookmin Univ., Korea)
Song Chong (KAIST, Korea)
Raj Kettimuthu (Argonne National Lab, USA)
D. Khotimsky (Lucent Bell Labs, USA)
Hwa-sung Kim (Kwangwoon Univ., Korea)
Young-bae Koh (Aju Univ., Korea)
Meejeong Lee (Ewha Womans Univ., Korea)
WonJun Lee (Korea Univ., Korea)
Sanghoon Lee (Yonsei Univ., Korea)
Kyungshik Lim (Kyungpook National Univ., Korea)
G. Omidyar (Computer Sciences Corp, Oman)
J.J. Rodrigues (Univ. of Beira Interior, Portugal)
Jaechul Ryu (Chungnam National Univ., Korea)
Kouichi Sakurai (Kyuchu Univ., Japan)
Winston Seah (Institute for Infocomm Research, Singapore)
Young-Joo Suh (Postech, Korea)
Sung-Ming Yen (National Central Univ., Taiwan ROC)
Information Networking
Convergence in Broadband and Mobile Networking.
International Conference, ICOIN 2005, Jeju Island,
Korea, January 31 - February 2, 2005, Proceedings
Kim, C. (Ed.)
2005, XVII, 936 p., Softcover
ISBN: 978-3-540-24467-7