Message from the Organizers

On behalf of the Organizing Committee, we would like to cordially welcome you to the Third International Conference on Networking and Computing (ICNC 2012), which takes place in Naha, Okinawa, Japan, from December 5 to 7, 2012. ICNC2012 is technically supported by IEICE Technical Committee on Computer Systems.

ICNC started in 2010 as an international forum for scientists and engineers from academia and industry to exchange and discuss their latest research findings in all aspects of networking and computing including parallel and distributed systems, architectures, and applications. Following the great success of ICNC 2010 in Hiroshima and ICNC2011 in Osaka, this year’s conference includes, in addition to sessions consisting of contributed papers, invited presentations, and workshops.

The conference provided an excellent technical program on the latest research results and the state of practice in algorithms, architectures and applications for networking and parallel/distributed computing in multiple tracks. This year, we received 61 submissions from many countries including Australia, Bangladesh, Brazil, Canada, China, Egypt, Hungary, India, Indonesia, Iran, Japan, Netherlands, Pakistan, Philippines, Saudi Arabia, Taiwan, Thailand, United Kingdom, and United States. Each paper was carefully reviewed by at least three reviewers, and among the high-quality submissions, we accepted 10 papers as long papers and 17 papers as regular papers. All of the selected papers are included in the conference proceedings.

ICNC2012 would not have been possible without the sustained effort and the hard work of many people. Obviously, the authors, the program committee members, and the reviewers are essential to the success of the conference. In particular, we thank the Program vice-chairs Professor Jacir L. Bordim, Professor Yasuhiko Morimoto, Professor Yasunori Osana, and Dr. Wei Sun for their nice and timely handling of papers submitted to each track. We would like to express our gratitude to the Local arrangement co-chairs Professor Hideki Kinjo and Professor Takeshi Tengan, Registration and Finance chair Professor Yasuaki Ito, Publication chair Professor Sayaka Kamei.

We hope that you enjoy ICNC 2012, and find the technical program interesting and stimulating.
General co-chairs
Hideharu Amano (Keio University, Japan)
Morikazu Nakamura (University of Ryukyus, Japan)

Program co-chairs
Ian Vince MacLoughlin (Nanyang Technological University, Singapore)
Tsutomu Yoshinaga (University of Electro-Communications, Japan)

Steering co-chairs
Satoshi Fujita (Hiroshima University, Japan)
Koji Nakano (Hiroshima University, Japan)