Message from the Steering Co-chairs

Researches of parallel and distributed processing have a long history. From 1980s, a lot of researchers were devoted in doing research on parallel and distributed processing. For example, many parallel algorithms and techniques on parallel computing models have been developed and evaluated. However, it was difficult for most researchers to implement their new results in parallel machines, because they were very expensive and were not available for use until several years ago.

Recently, low-cost parallel computing platforms have been provided. For example, most personal computers are equipped with multi-core processors. GPUs with hundreds of processor cores are distributed at a reasonably low price. So, researchers are now able to implement parallel algorithms in these parallel computing platforms to verify the correctness and the performance. Also, development of new algorithmic techniques for these parallel computing platforms is now one of the most active areas in computer engineering.

We launched the First International Conference on Networking and Computing (ICNC) to provide a timely forum for the exchange and dissemination of new ideas, techniques and research in the field of the networking and computing including parallel and distributed processing. We hope that the conference atmosphere will be conducive to open and mutually beneficial exchanges of ideas between the participants.

ICNC 2010 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 General Co-chairs Professor Satoshi Fujita and Professor Oscar Ibarra. We would like to express our gratitude to Program Chair Professor Shuichi Ichikawa, and Program Vice-Chairs Professor Toshio Hirotsu, Professor Hirotsugu Kakugawa, and Professor Takashi Yokota for putting together a strong technical program.

We are very much looking forward to seeing you in Hiroshima.

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