Special Issue on Selected Papers from
the First International Conference Networking and Computing

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The first International Conference Networking and Computing (ICNC) on November 17-19, 2010, in Higashi-Hiroshima, Japan, – aims to provide a timely forum for exchange and discussion of the latest research findings in all aspects of networking and computing including parallel and distributed systems, architectures, and applications.

Also, four workshops, 2nd Workshop on Ultra Performance and Dependable Acceleration Systems (UPDAS), 2nd International Workshop on Parallel and Distributed Algorithms and Applications (PDAA), International Workshop on Advances in Networking and Computing (WANC), and Workshop on Dependability of Network Software Applications (DNSA), were held in conjunction with ICNC.

The program committee has encouraged the authors of selected papers including the workshops to submit full-versions of their manuscripts to the International Journal on Networking and Computing (IJNC) after the conference. After a thorough reviewing process, with extensive discussions, ten articles on various topics have been selected for publication on the IJNC special issue on ICNC.

On behalf of the ICNC, we would like to express our appreciation for the large efforts of reviewers who reviewed papers submitted to the special issue. Likewise, we thank all the authors for submitting their excellent manuscripts to this special issue. We also express our sincere thanks to the editorial board of the International Journal on Networking and Computing, in particular, to the Editor-in-chief Professor Koji Nakano. This special issue would not have been possible without his support.