

Message from the Program Committee Chair

Welcome to the 7th International Conference on High Performance Computing and Grid Computing for the Asia Pacific Region (HPC Asia 2004), held in Saitama Sonic City, Tokyo, Japan, over July 20-22, 2004. We bring you the conference proceedings, including papers for the main technical programs and also a collection of papers from all 7 workshops.

HPC Asia is a series of international conferences held in the Asia-Pacific region. The conference aims to provide a world-wide forum for HPC researchers, developers, and users to exchange ideas, case studies, and research results in all areas of HPC. HPC Asia 2004 will emphasize trends in grid computing in addition to HPC, because in the last few years this area has gradually become prominent in HPC communities.

In response to the Call-for-Papers included with the technical program, the HPC Asia 2004 program committee received a total of 79 submissions from all over the Asian-Pacific region, and all submissions have been carefully refereed in a rigorous process which required at least three reviews for each paper. The final decisions were collectively made at the program committee meeting on March 29, 2004. Due to time and space limitations for the symposium and proceedings, only 34 regular papers and 15 short papers could be selected for presentation and inclusion in the proceedings. We believe we have chosen a diverse, high-quality set of papers, promising a stimulating and enjoyable conference.

I would like to thank all authors, referees, and committee members for their outstanding contributions which have ensured a continuation of the high quality of these conferences. In particular, the efforts of the two Program Committee Vice-Chairs, Yutaka Ishikawa and Satoshi Matsuoka, deserve the highest praise. Prof. Yutaka Ishikawa provided the on-line review system which allowed us to manage the review process and collect reviews from the reviewers. Without his system, the committee could not have managed the process so successfully. I would also like to thank my colleagues, Taisuke Boku and Daisuke Takahashi, for their great support in running the program committee.

Please take note that, although in principle the workshop papers have also been peer reviewed, the papers were submitted separately to each workshop, reviewed by the respective workshop committees, and were not part of the main HPC Asia 2004 submission and reviewing process for technical papers. As such, any bibliographical references to workshop papers should not be quoted as HPC Asia 2004 papers, but rather, should be qualified as HPC Asia 2004 XXX Workshop papers in order to avoid confusion.

Finally, I sincerely hope you find the conference enlightening and that you enjoy your stay in Japan during HPC Asia 2004.

Mitsuhisa Sato
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HPC Asia 2004 Program Committee Chair