

## Message from the Workshop Chair

On behalf of the HPC Asia 2004 workshop organizers, I would like to welcome you to HPC Asia 2004 workshops. This is our first attempt to have several workshops conjuncted with HPC Asia main conference. The steering committee selected these workshop titles to be held as mini-symposiums of the conference.

There are seven workshops held in conjunction with HPC Asia 2004:

**Workshop on Computational Fluid Dynamics and Computational Mechanics for the New Century**, organized by Naoki Hirose (Japan Aerospace Exploration Agency, Japan) and Fang-Pang Lin (National Center for High-Performance Computing, Taiwan)

**Myrinet Users Group: Special Interest of PC Cluster Advanced Technologies and Experiences**, organized by Charles L. Seitz (Myricom Inc., USA) and Yutaka Ishikawa (the University of Tokyo, Japan)

**Workshop on Reconfigurable Systems for HPC**, organized by Kazuaki Murakami (Kyushu University, Japan)

**BioGrid Workshop**, organized by Shinji Shimojo (Osaka University, Japan) and Larry Ang (Bioinformatics Institute, Singapore)

**Asia Grid Workshop 2004**, organized by Yoshio Tanaka (National Institute of Advanced Industrial Science and Technology, Japan) and Putchong Uthayopas (Kasetsart University, Thailand)

**The Simulation Results on the Earth Simulator**, organized by Ken'ichi Itakura (Japan Marine Science and Technology Center, Japan) and Tetsuya Sato (Japan Marine Science and Technology Center, Japan)

**National Research Grid Initiative of Japan (NAREGI) Workshop**, organized by Kenichi Miura (National Institute of Infomatics, Japan) and Satoshi Matsuoka (Tokyo Institute of Technology, Japan)

The first four workshops are based on contributed papers from the latest research in each field. The remaining three workshops are based on invited papers and talks in each project and research aspect.

All workshops were organized by the respective organizers shown in the above list and their committees. The reviewing processes of the workshops were done by each committee, completely separated from the main conference. The workshop papers except for Asia Grid Workshop and NAREGI Workshop are included in the proceedings in the same manner as the main conference. Although the topics of the workshops are strongly related to the themes of main conference, the workshop focuses on deeper and state-of-the-art issues in each field. We hope the workshops to be greatly successful and fruitful events to enhance the conference.

Finally, I would like to express my sincere appreciation to the organizers of the workshops as well as their committees and their reviewers for their great effort.

**Taisuke Boku**  
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**HPC Asia 2004 Workshop Chair**