

# General Co-Chairs' Message

Welcome to Beijing, to HPC-Asia 2005! HPC-Asia is an international conference/exhibition series held every 18 months on an Asia-Pacific regional site. It provides a forum for HPC researchers, designer, vendors, and users throughout the world to exchange ideas, case studies, and research results related to all issues of high performance computing. The last seven conferences were held in Taipei in 1995, Seoul in 1997, Singapore in 1998, Beijing in 2000, Australia in 2001, India in 2002, and Tokyo in 2004. The eighth conference, HPC-Asia 2005, will be held in Beijing, China on November 30-December 3, 2005. We trust that you will find this year's conference and exhibition both enjoyable and productive.

High-performance computing is becoming an indispensable tool for education, research, health, manufacturing, communication, entertainment, commerce, and environment protection. It is with this perspective that we are very pleased that HPC-Asia 2005 is held in Beijing, with enthusiastic participation of our colleagues from all over the world. We would like to thank the authors spanning 18 countries and regions, who submitted 203 papers. We are fortunate to have world-renowned experts to give insightful keynote speeches, despite their busy schedule. We are delighted that major HPC vendors actively participate in the conference and exhibition, to showcase their products and technology roadmaps. We are grateful to China Computer Federation, IEEE Computer Society, IEEE Computer Society Technical Committee on Scalable Computing, Chinese Academy of Sciences, China Association for Science and Technology, China Ministry of Science and Technology, China Natural Science Foundation, Information Processing Society of Japan, Korean Information Science Society, and the participating HPC vendors for sponsorship and support.

We would like to thank all people in the community who have helped produce a successful conference program. We must pay special tributes to David Kahaner and the Steering Committee, who are the driving force behind HPC-Asia series. Jianping Fan and Jysoo Lee, together with the program committee and external reviewers, devoted much effort in handling the papers reviewing process. Thomas Baldwin helped in producing the conference proceedings. Cho-Li Wang contributed a lot of time on publicity work. Zhiyuan Sun handled much work in exhibition and vendors relations. Special thanks are dues to Finance Chair Dan Meng, Local Arrangements Chair Wen Gao, and Registration Chair Fang Liu, for taking care of the budget and many details.

We hope you all will enjoy the conference, and will have a good time in Beijing.

*General Co-Chairs*

*Kai Li (Princeton, USA)*

*Satoshi Sekiguchi (AIST, Japan)*