Message from the General and Program Committee Chairs

Welcome to The Fifth International Conference on Algorithms and Architecture for Parallel Processing (ICA3PP2002) and to Beijing, China.

ICA3PP has been a premier conference that has brought together researchers and practitioners from academia, industry and governments around the world to advance the theories and technologies of parallel and distributed computing. Previously, ICA3PP conferences have been held successfully in Brisbane, Singapore, Melbourne, and Hong Kong. This is the first time that the conference is being held in Beijing, China.

The main focus of ICA3PP2002 is on the most critical areas of parallel and distributed computing, in particular, parallel algorithms, distributed scheduling and load balancing, distributed and parallel operating systems, cluster and grid computing, fault tolerant computing, Web-based parallel processing, and development and performance of parallel software. In total, the conference received 136 papers from researchers and practitioners from 13 countries. Each paper was reviewed by at least three internationally renowned referees. Papers were rigorously examined and selected based on their originality, significance, correctness, relevance, and clarity of presentation. Among the high quality submissions, 32 papers and 46 short papers were accepted. All of the selected papers are included in the proceedings. The conference also accepted 13 poster papers. After the conference, the proceedings editors will recommend some high quality papers from the conference to be published in a special issue of an international journal.

We are delighted to be able to host five well-known international scholars for offering the keynote speeches, Professor Kai Hwang, Professor Jia-chang Sun, Professor Sajal Das, Professor Lin-bo Zhang and Professor Jun Zou. We are also very grateful to Prof Krishna M. Kavi, Prof Ali R. Hurson, Dr. Hung-Chang Hsiao and Prof Chung-Ta King who will provide two interesting tutorials.

We would like to take this opportunity to thank all the authors for their submissions to the conference. Many of them have traveled some distance to participate in the conference. We also thank the Program Committee members and additional reviewers for their efforts in reviewing the large number of papers. Thanks also go to the local conference organizers for their great support.

Last but not least, we would like to express our gratitude to all of the organizations who have supported our efforts to bring the conference to fruition. We are grateful to the IEEE Beijing Section for the cooperation; to Chinese Academy of Sciences, China Natural Science Foundation, The Special Funds for Major State Basic Research Projects of China for their sponsorship; and to Deakin University and Computer Network Information Center of the Chinese Academy of Sciences for their sponsorships and assistance.

Welcome to Beijing!

Andrzej Goscinski and Guo-jie Li
General Co-Chairs

Wanlei Zhou and Xue-bin Chi
Program Committee Co-Chairs

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