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Preface

Welcome to the proceedings of the 2008 IFIP International Conference on Network and Parallel Computing (NPC 2008) held in Shanghai, China.

NPC 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 network and parallel computing. The goal of NPC is to establish an international forum for researchers and practitioners to present their excellent ideas and experiences in all system fields of network and parallel computing. The main focus of NPC 2008 was on the most critical areas of network and parallel computing, network technologies, network applications, network and parallel architectures, and parallel and distributed software.

In total, the conference received more than 140 papers from researchers and practitioners. Each paper was reviewed by at least two internationally renowned referees and selected based on its originality, significance, correctness, relevance, and clarity of presentation. Among the high-quality submissions, only 32 regular papers were accepted by the conferences. All of the selected conference papers are included in the conference proceedings. After the conference, some high-quality papers will be recommended to be published in the special issue of international journals.

We were delighted to host three well-known international scholars offering the keynote speeches, Sajal K. Das from University Texas at Arlington USA, Matt Mutka from Michigan State University and David Hung-Chang Du from University of Minnesota University of Minnesota.

We would like to take this opportunity to thank all the authors for their submissions to NPC 2008. We also thank the Program Committee members and additional reviewers for providing in-depth reviews. Our thanks also go to local conference organizers for their local arrangements.

Last but not least, we appreciate IFIP Working Group 10.3 on Concurrent Systems. We are also grateful to the Steering Committee of IFIP NPC.

October 2008

Jian Cao
Minglu Li
Ming-You Wu
Jingjun Chen

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