

# Preface

Welcome to the Sixth 2009 IFIP International Conference on Network and Parallel Computing (NPC 2009) held in Gold Coast, Australia.

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 2009 was on the most critical areas of network and parallel computing: network applications, network technologies, network and parallel architectures, and parallel and distributed software.

In total, the conference received 85 papers from researchers and practitioners from 25 countries and regions in the world. Each paper was reviewed by at least three internationally renowned referees and selected based on its originality, significance, correctness, relevance, and clarity of presentation. Among the high-quality submissions, only 25 regular papers and 10 short papers were accepted by the conference. 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 a special issue of several international journals.

We are delighted to host the well-known international experts, Professor Geoffrey Fox from Indiana University, USA, and David Bernstein from Huawei North America Software Division, USA, to offer the keynote speeches. Besides the keynote addresses and the paper presentations from the authors, NPC 2009 features a panel session on “Security in Cloud Computing.”

We would like to take this opportunity to thank all the authors for their submissions to NPC 2009. Many of them travelled some distance to participate in the conference. We also thank the Program Committee members and additional reviewers for the efforts in reviewing the large number of papers. Thanks also go to the local conference organizers for their great support. We thank Georgi Cahill, the Conference Secretariat, for her professional organization.

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 and workshops to fruition. We are grateful to IFIP Working Group 10.3 on Concurrent Systems, Deakin University, Central Queensland University, and Swinburne University of Technology for their sponsorship and assistance.

**October 2009**

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