Welcome Message from the ICPP 2011 Chairs

Welcome to the 40th anniversary of the International Conference on Parallel Processing. The ICPP series of conferences has established its reputation and prestige over its long history and has served as one of the most important platforms for researchers and developers to exchange innovative ideas and significant research results in the fields of computer architecture and parallel computing. The conference also provides unique opportunities for researchers, engineers, practitioners, and developers to explore new ideas, techniques, and tools.

The 40th ICPP conference, held September 13–16, 2011, in Taipei City, Taiwan, is co-organized by National Tsing Hua University and National Chiao Tung University, Taiwan, and many volunteers around the world. The conference organization consists of 11 tracks, each handled by one or two Program Vice-Chairs. We have received 363 valid submissions, each of which was thoroughly reviewed by three to five reviewers. We are very thankful to the hundreds of TPC members who helped with this huge review process. The final technical program consists of a very selective 81 papers from 363 submissions.

This year’s program includes three outstanding keynote speeches, technical sessions, and panel discussions. Six workshops are also being held in conjunction with ICPP 2011. We would like to thank our organizing committee members, TPC members, reviewers, workshop chairs, workshop organizers, workshop TPC members, award chair, publications chair, publicity chairs, financial chair, local arrangement chairs, international liaison chairs, registration chairs, and steering committee chair for their contributions.

We would also like to take this opportunity to thank our sponsors for their strong support to make this event even more successful: National Chiao Tung University, National Tsing Hua University, Chung Yuan Christian University, Department of Information and Tourism, Chunghwa Telecom, National Science Council, Bureau of Foreign Trade, Ministry of Education, Taiwan Association of Cloud Computing, National Center for High Performance Computing, Industrial Technique Research Institute, Microsoft Research Asia, Institute for Information Industry, Institute of Information Science and Research Center for Information Technology Innovation of Academia Sinica, and NCTU/ITRI Joint Research Center.

In addition to technical programs, we urge you to participate in the social programs that we have arranged—take your time to experience Taiwan’s foods, cultures, landscapes, etc. We truly hope you have a memorable experience.

Wen-Tsuen Chen, National Tsing Hua University
Xiaodong Zhang, Ohio State University
ICPP 2011 General Co-Chairs

Guang R. Gao, University of Delaware
Yu-Chee Tseng, National Chiao Tung University
ICPP 2011 Program Co-Chairs