Message from the Program Chairs

2002 marks the 10th edition of the PACT conference. We are very pleased with the collection of papers chosen by the Program Committee. These papers continue PACT's tradition of high quality, but this year they represent a wider range of topics than earlier PACT conferences. Although submissions related to traditional parallelism and compilers still brought the largest number of submissions, many papers fell under related topics (such as memory systems, energy consumption, and software translation), as the following breakdown of submissions by keywords attests:

- 69 Compilers
- 54 Instruction Level Parallelism
- 41 Hardware
- 40 Parallel Architectures
- 39 Memory Systems
- 28 Experimental Studies
- 25 Power
- 25 Energy
- 21 Thread Level Parallelism
- 16 Software Translation or Modification
- 15 Parallel Computation Models
- 14 Tools for Parallel Systems
- 13 Application Studies
- 13 Application Specific Systems
- 12 Non-traditional Systems
- 12 Java
- 10 Parallel Programming Languages
- 9 Network
- 8 Operating Systems
- 5 IO Issues
- 5 Parallel Programming Algorithms
- 3 Heat
- 3 Mobile and Wireless Computing

The Program Committee met on May 30 in Anchorage, Alaska, with several members participating by phone conference. We considered 119 high quality submissions from across the world:

- 5 Asia
- 76 North America
- 1 South America
- 1 Middle East
- 36 Europe

Papers were submitted from 76 different institutions: 69 universities and seven companies. With some difficulty, the Program Committee winnowed the 119 submissions down to the 25 papers here, a 21% acceptance rate. On average, there were more than five reviews per paper, with a minimum of three and a maximum of 10.

Putting together a strong program requires many dedicated people, and we were very lucky to be assisted by a large contingent of such people. The PACT General Chairs, Kevin Skadron and Jack Davidson, provided much useful advice and organizational help. Kemal Ebcioğlu provided many helpful suggestions, as well. Frank Mueller did a fine job publicizing our Call for Papers. Lixin Zhang spent innumerable hours creating and maintaining the submissions website and other organization tasks, and was available at a moment's notice at any time of day.
or night to fix problems that arose. Program Committee members were dutiful in reading their assigned papers as well as in assigning them to others for a second opinion, and all who could participate were well prepared to debate the merits of each paper during the meeting. We thank everyone for their hard work.

Erik Altman and Sally A. McKee

PACT 2002 Program Chairs