Preface

The PaCT-2001 (Parallel Computing Technologies) conference was a four-day conference held in Akademgorodok (Novosibirsk), September 3–7, 2001. This was the sixth international conference in the PaCT series, organized in Russia every odd year.

The first conference, PaCT-91, was held in Novosibirsk (Academgorodok), September 7–11, 1991. The next PaCT conferences were held in Obninsk (near Moscow), August 30 – September 4, 1993; in St.Petersburg, September 12–15, 1995; in Yaroslavl September 9–12, 1997; and in Pushkin (near St.Petersburg) from September 6–10, 1999. The PaCT proceedings are published by Springer-Verlag in the LNCS series.

PaCT-2001 was jointly organized by the Institute of Computational Mathematics and Mathematical Geophysics of the Russian Academy of Sciences (Novosibirsk), the State University, and the State Technical University of Novosibirsk.

The purpose of the conference was to bring together scientists working with theory, architecture, software, hardware, and solution of large-scale problems in order to provide integrated discussions on parallel computing technologies. The conference attracted about 100 participants from around the world. Authors from 17 countries submitted 81 papers. Of those submitted, 36 papers were selected for the conference as regular ones; there were also 4 invited papers. In addition there were a number of posters presented. All the papers were internationally reviewed by at least three referees. As usual a demo session was organized for the participants.

Many thanks to our sponsors: the Russian Academy of Sciences, the Russian Fund for Basic Research, the Russian State Committee of Higher Education, the European Commission (Future and Emerging Technologies, Directorate General–Information Society) for their financial support. Organizers highly appreciated the help of the Association Antenne-Provence (France).

June 2001

Victor Malyshkin

Novosibirsk, Academgorodok
Organization

PaCT 2001 was organized by the Supercomputer Software Department of the Institute of Computational Mathematics and Mathematical Geophysics SB RAS in cooperation with the State University of Novosibirsk and the State Technical University of Novosibirsk.

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Parallel Computing Technologies
6th International Conference, PaCT 2001, Novosibirsk, Russia, September 3-7, 2001 Proceedings
Malyshevkin, V. (Ed.)
2001, XII, 524 p., Softcover
ISBN: 978-3-540-42522-9