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.

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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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