Preface

These are the final proceedings of the 4th International Workshop on Parallel and Distributed Methods in Verification (PDMC 2005) held in Lisboa, Portugal, on July 10, 2005 as a satellite event to the 32nd International Colloquium on Automata, Languages and Programming (ICALP 2005).

The primary mission was to present recent developments in this new research domain and additionally building and strengthening the relationship between people working in the area of parallel and distributed approaches to the verification of large-scale systems.

The workshop program included an invited talk by Gerd Behrmann & Kim G. Larsen on “Beyond Single Cluster Reachability Analysis”.

Besides regular papers published in this volume, the workshop program was enriched by short presentations describing “work in progress” to strengthen the workshop atmosphere. In total, five regular papers and four short presentations have been accepted by the following program committee:

Howard Barringer (Manchester Univ., UK)
Lubos Brim (Masaryk Univ., Czech Republic)
Gianpiero Cabodi (Torino, Italy)
Jörg Denzinger (Alberta, Canada)
Wan Fokkink (Free University/CWI Amsterdam, NL)
Hubert Garavel (INRIA, France)
Jürgen Giesl (RWTH Aachen, Germany)
Orna Grumberg (Haifa, Israel)
Boudewijn R. Haverkort (Univ. of Twente, NL)
Marta Kwiatkowska (Univ. of Birmingham, UK)
Martin Leucker (TU Munich, Germany) - Co-chair
Eric Mercer (Brigham Young Univ., USA)
Jaco van de Pol (CWI, Amsterdam, NL) - Co-Chair
Gerardo Schneider (Inria Rennes, France)
Willem Visser (NASA Ames Research Center, USA)

We would like to thank very much all members of the program committee for nice cooperation and for detailed reports and comments.

Martin Leucker
Jaco van de Pol

Lisboa, July 10, 2005