Foreword by the Chairman

In the exciting and rapidly moving world of parallel and distributed computing, advances in these multi-faceted fields need to be evaluated early and disseminated quickly. ISPDC attempts to provide an interactive, professional, and friendly forum for these purposes.

Following the previous meetings in Lille in 2005, Cork in 2004, Slovenia in 2003, the Fifth International Symposium on Parallel and Distributed Computing (ISPDC 2006) meeting was held in Western University of Timisoara, Romania, from July 6th to 9th 2006. The co-organizer of the event was the research Institute e-Austria Timisoara from Romania.

Of the 84 submissions received, 45 were chosen for delivery and inclusion in this volume (selection rate of about 53%). A distinguished international panel of reviewers was assembled, has examined the papers from all over the world, and has selected those corresponding to a high standard.

In addition to the scientific presentations, the meeting has benefit of the presence and talks of four distinguished invited speakers: Profs. Mark Baker, Domenico Laforenza, Wolfgang Gentzsch, and Jens Volkert. This year ISPDC has given special attention to the topic of Agent-based Grid Computing; therefore, most of the talks were oriented towards the related fields.

Finally, I want to thank all the authors that have submitted their papers to ISPDC 2006 and the members of the Program Committee for their hard work to review the papers.

Prof. Dr. Dana Petcu

General Chair of ISPDC 2006