

Minyi Guo Laurence T. Yang
Beniamino Di Martino Hans P. Zima
Jack Dongarra Feilong Tang (Eds.)

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Parallel and Distributed Processing and Applications

4th International Symposium, ISPA 2006
Sorrento, Italy, December 2006
Proceedings

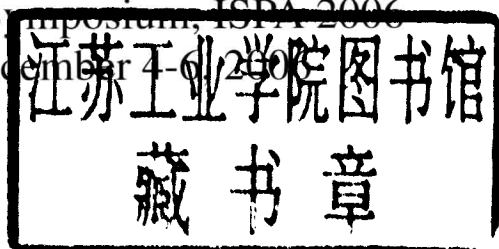


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Sorrento, Italy, December 4-6, 2006
Proceedings



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Preface

Welcome to the proceedings of the 4th International Symposium on Parallel and Distributed Processing and Applications (ISPA 2006), which was held in Sorrento, Italy, December, 4–6 2006.

Parallel computing has become a mainstream research area in computer science and the ISPA conference has become one of the premier forums for the presentation of new and exciting research on all aspects of parallel and distributed computing. We are pleased to present the proceedings for ISPA 2006, which comprises a collection of excellent technical papers and keynote speeches. The accepted papers cover a wide range of exciting topics including architectures, languages, algorithms, software, networking and applications.

The conference continues to grow and this year a record total of 277 manuscripts were submitted for consideration by the Program Committee. From these submissions the Program Committee selected only 79 regular papers in the program, which reflects the acceptance rate as 28%. An additional 10 workshops complemented the outstanding paper sessions.

The submission and review process worked as follows. Each submission was assigned to at least three Program Committee members for review. Each Program Committee member prepared a single review for each assigned paper or assigned a paper to an outside reviewer for review. In addition, the Program Chairs and Program Vice-Chairs read the papers when a conflicting review result occurred. Finally, after much discussion among the Program Chairs and Program Vice-Chairs, based on the review scores, the Program Chairs made the final decision. Given the large number of submissions, each Program Committee member was assigned roughly 7–12 papers.

The excellent program required a lot of effort from many people. First, we would like to thank all the authors for their hard work in preparing submissions to the conference. We deeply appreciate the effort and contributions of the Program Committee members who worked very hard to select the very best submissions and to put together an exciting program. We are also very grateful to the keynote speakers for accepting our invitation to present keynote talks. Thanks go to the Workshop Chairs for organizing ten excellent workshops on several important topics related to parallel and distributed computing and applications.

We deeply appreciate the tremendous efforts of the Program Vice-Chairs, Daniel S. Katz, Koji Nakano, Omer F. Rana, and Barbara Chapman. We would like to thank the conference Workshop Chairs, Geyong Min and Gudula Rünger, for their continued organization and support for all workshops.

We hope that attendees enjoyed this conference, found the technical program to be exciting, and had a wonderful time in Sorrento and its peninsula, together with the social activities of the conference.

Minyi Guo, Hans Zima
ISPA 2006 Program Co-chairs

Beniamino Di Martino, Jack Dongarra, and Laurence T. Yang
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ISPA 2006 was organized by the Second University of Naples, Department of Information Engineering and Faculty of Political Studies, in collaboration with St. Francis Xavier University, University of Aizu, University of Tennessee, JPL-Caltech, and CREATE.

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