

Run-Time Systems for Parallel Programming



4th RTSPP Workshop Proceedings

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Preface

Runtime systems are critical to the implementation of parallel programming languages and libraries. They support the core functionality of programming models and the glue between such models and the underlying hardware and operating system. As such, runtime systems have a large impact on the performance and portability of parallel programming systems.

Despite the importance of runtime systems, there are few forums in which practitioners can exchange their ideas, and these are typically forums showcasing peripheral areas, such as languages, operating systems, and parallel computing. RTSPP provides a forum for bringing together runtime system designers from various backgrounds to discuss the state-of-the-art in designing and implementing runtime systems for parallel programming.

The RTSPP workshop will take place on May 1, 2000 in Cancun, Mexico, in conjunction with IPDPS 2000. This one-day workshop includes technical sessions of refereed papers and panel discussions. The 8 paper presentations were selected out of 11 submissions after a careful review process; each paper was reviewed by at least four members of the program committee. Based on the reviewers' comments, the authors revised their papers for inclusion in these workshop proceedings.

We thank the RTSPP Program Committee (see previous page) and the following additional people for taking part in the review process: Gabriel Antoniu (LIP, ENS Lyon, France) Yves Denneulin (IMAG, Grenoble, France) Emmanuel Jeannot (LaBRI, University of Bordeaux, France) and Loïc Prylli (LIP, ENS Lyon, France).

We also thank the previous Organizing Committees for initiating this workshop and the participants in the previous workshops for making this forum successful and lively. We hope that this year's Workshop will be equally interesting and exciting.

*Ron Olsson
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