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A Practical Programming Model for the Multi-Core Era

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Preface

The Third International Workshop on OpenMP, IWOMP 2007, was held at Beijing, China. This year's workshop continued its tradition of being the premier opportunity to learn more about OpenMP, to obtain practical experience and to interact with OpenMP users and developers. The workshop also served as a forum for presenting insights gained by practical experience, as well as research ideas and results related to OpenMP.

A total of 28 submissions were received in response to a call for papers. Each submission was evaluated by three reviewers and additional reviews were received for some papers. Based on the feedback received, 22 papers were accepted for inclusion in the proceedings. Of the 22 papers, 14 were accepted as full papers. We also accepted eight short papers, for each of which there was an opportunity to give a short presentation at the workshop, followed by poster demonstrations. Each paper was judged according to its originality, innovation, readability, and relevance to the expected audience. Due to the limited scope and time of the workshop and the high number of submissions received, only 50% of the total submissions were able to be included in the final program.

In addition to the contributed papers, the IWOMP 2007 program featured several keynote and banquet speakers: Trevor Mudge, Randy Brown, and Shah, Sanjiv. These speakers were selected due to their significant contributions and reputation in the field. A tutorial session and labs were also associated with IWOMP 2007.

We are deeply grateful to the Program Committee members. The large number of submissions received and the diverse topics and coverage of the topics made this review process a particular challenging one. Also, the Program Committee was working under a very tight schedule. We wish to thank all Program Committee members for their assistance in organizing the IWOMP program and determining the paper selection guidelines. Without the solid work and dedication of these committee members, the success of this program, and ultimately the workshop itself, would not have been possible.

We appreciate the contribution of Wenguang Chen and his local team at Tsinghua University, Beijing—in particular, the Local Chair Wenguang Chen—who organized and handled the workshop website for paper submission and review. We also wish to thank the contributions of members of the Organization Committee. We acknowledge the solid work by Dieter an Mey, Ruud van der Pas and Wei Xue for their dedication in organizing the lab, tutorial and workshop sessions. We thank the publicity Co-chairs Federico Massaioli and Dongsheng Wang for their hard work to publicize the IWOMP information under very tight schedule constraints, and to all those who helped with the organization of the final program, the design and maintenance of the workshop websites, the solicitation of sponsorships and support, and numerous other matters related to the

local arrangement of the conferences. We also thank the Publication Co-chair Eduard Ayguadé for his work on a special issue based on papers from IWOMP. We are deeply impressed by the efficiency, professionalism and dedication of all of this work.

We would also like to express our gratitude for the support and sponsorship we have received from Intel, Sun Microsystems, the OpenMP Architecture Review Board (ARB), Tsinghua University and University of Delaware. Finally, we give special thanks to Ruini Xue, Liangping Lv, Wenhong Ke at Tsinghua University and Liping Xue and Long Chen at the University of Delaware for their assistance in this endeavor.

April 2008

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