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# A Practical Programming Model for the Multi-Core Era

3rd International Workshop  
on OpenMP, IWOMP 2007  
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Proceedings

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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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# Table of Contents

A Proposal for Task Parallelism in OpenMP . . . . .	1
<i>Eduard Ayguadé, Nawal Copty, Alejandro Duran, Jay Hoeflinger, Yuan Lin, Federico Massaioli, Ernesto Su, Priya Unnikrishnan, and Guansong Zhang</i>	
Support for Fine Grained Dependent Tasks in OpenMP . . . . .	13
<i>Oliver Sinnen, Jsun Pe, and Alexei Vladimirovich Kozlov</i>	
Performance Evaluation of a Multi-zone Application in Different OpenMP Approaches . . . . .	25
<i>Haoqiang Jin, Barbara Chapman, and Lei Huang</i>	
Transactional Memory and OpenMP . . . . .	37
<i>Miloš Milovanović, Roger Ferrer, Osman S. Unsal, Adrian Cristal, Xavier Martorell, Eduard Ayguadé, Jesús Labarta, and Mateo Valero</i>	
OpenMP on Multicore Architectures . . . . .	54
<i>Christian Terboven, Dieter an Mey, and Samuel Sarholz</i>	
Supporting OpenMP on Cell . . . . .	65
<i>Kevin O'Brien, Kathryn O'Brien, Zehra Sura, Tong Chen, and Tao Zhang</i>	
CMP Cache Architecture and the OpenMP Performance . . . . .	77
<i>Jie Tao, Kim D. Hoàng, and Wolfgang Karl</i>	
Exploiting Loop-Level Parallelism for SIMD Arrays Using <i>OpenMP</i> . . . .	89
<i>Con Bradley and Benedict R. Gaster</i>	
OpenMP Extensions for Irregular Parallel Applications on Clusters . . . .	101
<i>Jue Wang, Changjun Hu, Jilin Zhang, and Jianjiang Li</i>	
Optimization Strategies Using Hybrid MPI+OpenMP Parallelization for Large-Scale Data Visualization on Earth Simulator . . . . .	112
<i>Li Chen and Issei Fujishiro</i>	
An Investigation on Testing of Parallelized Code with OpenMP . . . . .	125
<i>Robert Barnhart, Christian Trefftz, Paul Jorgensen, and Yonglei Tao</i>	
Loading OpenMP to Cell: An Effective Compiler Framework for Heterogeneous Multi-core Chip . . . . .	129
<i>Haitao Wei and Junqing Yu</i>	
OpenMP Implementation of Parallel Linear Solver for Reservoir Simulation . . . . .	134
<i>Changjun Hu, Jilin Zhang, Jue Wang, and Jianjiang Li</i>	



Parallel Data Flow Analysis for OpenMP Programs .....	138
<i>Lei Huang, Girija Sethuraman, and Barbara Chapman</i>	
Design and Implementation of OpenMPD: An OpenMP-Like Programming Language for Distributed Memory Systems .....	143
<i>Jinpil Lee, Mitsuhsisa Sato, and Taisuke Boku</i>	
A New Memory Allocation Model for Parallel Search Space Data Structures with OpenMP .....	148
<i>Christophe Jaillet and Michaël Krajecki</i>	
Implementation of OpenMP Work-Sharing on the Cell Broadband Engine Architecture .....	153
<i>Jun Sung Park, Jung-Gyu Park, and Hyo-Jung Song</i>	
Toward an Automatic Code Layout Methodology .....	157
<i>Joseph B. Manzano, Ziang Hu, Yi Jiang, Ge Gan, Hyo-Jung Song, and Jung-Gyu Park</i>	
An Efficient OpenMP Runtime System for Hierarchical Architectures ...	161
<i>Samuel Thibault, François Broquedis, Brice Goglin, Raymond Namyst, and Pierre-André Wacrenier</i>	
Problems, Workarounds and Possible Solutions Implementing the Singleton Pattern with C++ and OpenMP .....	173
<i>Michael Suess and Claudia Leopold</i>	
Web Service Call Parallelization Using OpenMP .....	185
<i>Sébastien Salva, Clément Delamare, and Cédric Bastoul</i>	
Distributed Implementation of OpenMP Based on Checkpointing Aided Parallel Execution .....	195
<i>Éric Renault</i>	
<b>Author Index</b> .....	207