ASPLOS XIV

Fourteenth International Conference on Architectural Support for Programming Languages and Operating Systems

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ASPLOS XIV Welcome

It is our pleasure to welcome you to the *Fourteenth International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS XIV)*. This year's symposium continues its tradition of being the premier forum for presentation of research results on leading edge issues that cross the boundaries of computer architecture, programming languages and compilers, and operating systems.

The call for papers attracted abstracts from around the world and resulted in 113 full papers being submitted to the Program Committee (PC). This year we used Borbala Online Conference Services's CyberChairPRO submission and review software. Papers were submitted for double-blind review without authors' names or identifying information. PC members were limited to no more than two paper submissions; a total of 13 papers were submitted which had a PC members as a (co)author. The Program Chair assigned each paper to three reviewers from the PC and two external reviewers. 524 of the 543 assigned reviews were submitted, giving an impressive return rate of 96%. On papers where the Program Chair had a conflict-of-interest, Prof. Margaret Martonosi from Princeton chose the reviewer assignments and also ran the discussions at the PC meeting. Prior to the PC meeting, there was an author rebuttal period during which authors could see and respond to their reviews.

The Program Committee met on Saturday, November 1, 2008 at the Chicago O'Hare Hilton. The PC discussed the most highly ranked 51 papers (including 10 PC papers) during the meeting. Each paper discussed had a PC member assigned as lead discussant. PC (co)authored papers were discussed as a group roughly midway through the meeting; these papers were held to a higher standard. The PC selected 29 papers (including 7 PC papers) for an acceptance rate of 25.7%. Seven of these papers were conditionally accepted with shepherding provided by a PC member to ensure that the final papers adequately addressed concerns expressed in the reviews. This year, for the first time, we decided to give a Best Paper Award selected by a sub-committee of the PC from papers nominated by the entire PC.

Putting together *ASPLOS XIV* was a team effort. On this year's "conference team" are John Cavazos, Sandhya Dwarkadas, Michael Franz, Jeff Foster, Seth Goldstein, Sudhanva Gurumurthi, and Jingyan Li. We owe them a huge thanks for the smoothness with which this conference has come together. In addition, we thank the ASPLOS steering committee for all of their help. We also want to thank the authors for providing the program content and the PC and the external reviewers who worked very hard both in reviewing papers and in providing suggestions for their improvements. The conference could not have been possible without additional financial support from AMD, Hewlett Packard, IBM, Intel, Microsoft Research, Google, NVIDIA, Sun Microsystems, Reservoir Labs, and VMWare. Finally, we would like to thank our sponsors, ACM's SIGARCH, SIGPLAN, and SIGOPS for their continued support of ASPLOS. We also thank them for the financial support they provided to help fund students from underrepresented groups to attend the conference.

We hope that you will find this conference interesting and thought-provoking and that it will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.

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Mary Lou Soffa   **Mary Jane Irwin**
ASPLOS XIV General Chair   *ASPLOS XIV Program Chair*
University of Virginia, USA   *Penn State University, USA*

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Table of Contents

Session 6: Reliable Systems II

Session 7: Power and Storage in Enterprise Systems

Session 8: Potpourri

Session 9: Managed Systems

Session 10: Architectures