

A Symposium on High-Performance Chips



24

**Stanford University,
Palo Alto, California**

August 2012

Call for Contributions

AUTHOR'S SCHEDULE

Submission due: **March 30, 2012** Acceptance Notification: **May 1, 2012**
Final Version due: **July 1, 2012**

AREAS OF INTEREST:

- **General Purpose Processor Chips**
 - High Performance and Low Power
 - Multi-core and highly reliable systems
- **Mobile and Embedded Devices**
 - Graphics/Multimedia/Game
 - SoC, Security, and DSP chips
- **Communications and Networking**
 - Wireless LAN/WAN/PAN
 - Network and IO Processors
- **Other Chips**
 - FPGAs and FPGA Based Systems
 - Memory Technologies and Chipsets
- **Software for Multi-core and Heterogeneous Systems**
 - Programming models, Runtime systems
 - Compilers and Operating Systems
 - Performance and Power Debug and Evaluations
- **Other Technologies**
 - Power and Thermal Management
 - Packaging and Testing
 - Display Technologies
 - On-chip Optics & Sensors
 - Novel Computing Technologies

AUTHOR INFORMATION and FORMAT

Regular presentations are 30-minute talks. Submissions for consideration consist of an extended abstract with a maximum length of two pages. A select group of presenters will be invited to submit papers for inclusion in a special issue of IEEE Micro.

A limited number of Student Posters describing applied research performed at a university will be accepted for presentation at the conference. Student poster submissions consist of 4 slides and a one-page summary. The most outstanding poster will receive a Best Poster Award.

Regular presentation and student poster submissions are evaluated by the Program Committee on the basis of: performance of the device(s), degree of innovation, use of advanced technology, potential market significance and anticipated interest to the audience. Both regular presentation slides and student posters are published in the Hot Chips proceedings. Submissions should be uploaded following instructions on the website <http://www.hotchips.org> and must specify "Presentation" or "Student Poster".

Send program-related questions to the program co-chairs Christos Kozyrakis and Rumi Zahir at: program2012@hotchips.org, and send conference- and organization-related questions to the general chair, Larry Lewis, at: info2012@hotchips.org. Check the Hot Chips 24 webpage for updates: <http://www.hotchips.org>

Sponsored by the Technical Committee on Microprocessors and Microcomputers
of the IEEE Computer Society and the IEEE Solid State Circuits Society

