Message from the Program Co-Chairs

The program committee is pleased to present the hottest developments in chips and related research in this 10th Hot Chips conference. The field of chip design is as vibrant as ever, and this year we again feature the most advanced and innovative of the recently announced, or soon to be announced, products. This year we present the latest and hottest high performance microprocessors along with the best of specialized chips, including many chips specializing in media and graphics. In echoing an industry trend, this year's program also features several papers on embedded processors and cores. Greg Papadopoulos, Chief Technology Officer of Sun Microsystems, is our keynote speaker. We are offering two tutorials, on one Intellectual Property issues and the other on Fast IO. A timely panel addresses the role of Microsoft in the industry.

This conference is unusual in that it is a technical conference that is product focused. Rarely presented are research projects and we strive to keep the conference free from marketing hype. In general, our bias has been toward chips and related technologies which are not only "hot", but which are also interesting at an architectural level or in some way break new ground in chip development.

In order to do this, Hot Chips is run differently than other conferences:
- The program is not assembled in the usual way. In addition to unsolicited submissions, we also actively solicit presentations meeting our criteria.
- Presentations at Hot Chips are accepted on the basis of a short abstract, and only slide copies are printed, so presenters can show their latest work with the lowest possible overhead and shortest lead time. This leading edge focus can also result in papers that must be withdrawn when marketing and product schedule realities rear their heads, and this year is no different.
- Finally, while presentations are accepted on the basis of an abstract, they aren't approved until the slides are reviewed by a program committee member (usually their session chair) for their technical content.

In order to reach a wider audience, the final responsibility of the program committee will be to select the "Best of the Hot"; those authors will be invited to submit papers on their material for IEEE Micro magazine.

Obviously, this conference couldn't take place without the work by all members of the program committee, all of whom worked to solicit and select presentations, and the members of the organizing committee, who make sure that there is a conference, in a room, with proceedings, registration, badges, parking, signs, and food. There is always work for organizing committee members to do, and anyone interested is invited to approach the conference general chair to volunteer to work on future conferences. Finally, we acknowledge the speakers, without whom there would be no conference. We thank everyone involved for their efforts.

Norman P. Jouppi and John Wawrzynek
Program Co-Chairs