

Message from the Program Co-Chairs of HOT Chips VII:

The development of high-performance chips continues to be one of the most exciting areas in the computer and electronics industries. The role played by these "hot chips" has continued to expand in both range and impact.

We are pleased to have some of the latest developments in hot chips and related areas at the conference this year.

A highlight of this year's conference is a keynote presentation by Gordon Moore on the future of the industry.

The impact of the personal computer continues to blast through not only the industry but more importantly society as well. This year we have a session on the latest X86 processors, as well as a panel on the future role of non-X86 processors. Processor development is a multi-year cycle, so it is fortuitous that we have major RISC processor announcements from many companies this year. Today multimedia is of ever-increasing importance, and we have two sessions on topics in graphics and compression technology. We are also pleased to have some of the latest news on hot chips for embedded applications at this year's conference.

Hot parallel and vector chips, as well as some "hot software" and its implications for "hot hardware," complete the program.

There continues to be tremendous diversity of developments in new hot chips. Many more abstracts were submitted than we could accept, and the program committee regretted having to reject excellent submissions on exciting topics. As in previous conferences, we encouraged designers to submit descriptions of their latest designs to determine whether they were ready for Hot Chips. However, life near the edge means that some talks had to be withdrawn at the last minute.

Many people have contributed to the success of this conference. We would like to thank everyone who submitted an abstract. As program chairs, we especially want to thank the program committee for their hard work in soliciting, reviewing, and selecting the papers.

We also would like to thank the organizing committee for preparing the operation of the conference, so we could concentrate on the program. We thank the presenters, panel moderator, and panelists for taking time from their other activities to prepare and present their work at the conference. Last but not least, we thank you the audience for your interest, and hope that you will have a rewarding time at Hot Chips VII!

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Program Committee Co-Chairs
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