

Dear Workshop Attendee:

Welcome to the inaugural workshop on High-Performance, Power-Aware Computing!

We are excited to be staging this event. High-performance computing is and has always been performance oriented. However, a consequence of the push towards maximum performance is increased energy consumption, especially at supercomputing centers. Moreover, as peak performance is rarely attained, some of this energy consumption results in little or no performance gain. In addition, large energy consumption costs supercomputing centers a significant amount of money and wastes natural resources. Therefore, power will play an increasingly important role in HPC.

Each paper was reviewed carefully by at least three reviewers. In addition, several reviewers graciously reviewed extra papers. In all, ten high-quality papers were selected for presentation in the workshop.

We would like to thank the program committee for their hard work. Special thanks go to Wu-chun Feng and Kirk Cameron, who had a large hand in getting this workshop off the ground. Most of all, we would like to thank the authors for their submissions.

It is our hope that this workshop will become an annual event.

Sincerely,

Vince Freeh
David Lowenthal