25th International Conference on Supercomputing

June 1-4, 2011
Loews Ventana Canyon Resort, Tucson, Arizona, USA
Sponsored by ACM/SIGARCH
http://www.ics-conference.org/

CALL FOR PAPERS

ICS is the premier international forum for the presentation of research results in high-performance computing systems. In 2011, the conference will be held at Loews Ventana Canyon Resort in Tucson, AZ. Papers are solicited on all aspects of the research, development, and application of large-scale, high-performance experimental and commercial systems, including:

- Computationally challenging scientific and commercial applications, particularly studies and experiences on large-scale systems;
- Computer architecture and hardware, including multicore and multiprocessor systems, accelerators, memory, interconnection network and storage and file systems;
- High-performance computational and programming models, including new languages and middleware for high performance computing, autotuning and function-specific code generators;
- High performance system software, including compilers, runtime systems, programming and development tools and operating systems;
- Hardware and software solutions for heterogeneity, reliability and power efficiency;
- Large scale installations, including case studies to guide the design of future systems;
- Novel infrastructures for internet, grid and cloud computing;
- Performance evaluation studies and theoretical underpinnings of any of the above topics.

Of particular interest are papers on all aspects of supercomputing systems. Papers should not exceed 12 pages in the ACM format. The review process will include a rebuttal period.

Abstract submission	January 10, 2011 AOE
Paper submission	January 14, 2011 AOE
Workshop and Tutorial Proposals	January 14, 2011 AOE
Author notification	March 1, 2011
Final papers	March 31, 2011

AOE (Anywhere on Earth) dates shown above mean the deadlines are at 11:59pm UTC -12:00 of the days. **Disclaimer: The above dates are tentative and subject to change. Consult the conference website for the most up-to-date scheduling information.**

http://www.ics-conference.org/

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