

The 32nd ACM International Conference on Supercomputing

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ACM International Conference on Supercomputing (ICS) is the premier international forum for the presentation of research results in high-performance and supercomputing. The 32nd conference (ICS 2018) will be held on June 13-15 in Beijing, China.

SCOPE & TOPICS

Papers are solicited on all aspects of research, development, and application of high-performance and super-computing systems, including but not limited to the following:

- Programming and execution models for high-performance computing;
- Static and dynamic compilation optimization techniques to exploit all aspects of high performance architectures;
- Computer Architectures and accelerators aiming to support high-performance computing;
- Runtime and system software support for high-performance and heterogeneous computing;
- New computational models and algorithms for high performance computing systems;
- Security aspect of datacenters; how can we protect datacenters and how can we use them to expose security weaknesses;
- New applications and workload analysis;
- The use of machine learning to design/analyze large-scale computing system.

SUBMISSION GUIDELINES

The submission site is at HotCRP: <http://ics18.hotcrp.com>. Please use the "sigconf" style in the ACM template:

<https://www.acm.org/publications/proceedings-template>. Submissions

should be a maximum of ten (10) pages, including references.

Submissions (both abstract and paper) should be prepared for double blind review, i.e., without author names, or other identifying material in the submission. Authors should refer to themselves in the 3rd person when citing their own work.

IMPORTANT DATES

Abstract Submission: Jan. 19, 2018 AOE

Paper Submission: Jan. 26, 2018 AOE

Rebuttal Period: March 12-19, 2018 AOE

Author Notification: March 25, 2018 AOE

Camera Ready: May 1, 2018 AOE

More: <http://ics2018.ict.ac.cn>



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