



Call for Papers

First ACM Symposium on Cloud Computing (SOCC)

June 10 & 11, 2010, Indianapolis

<http://research.microsoft.com/socc2010>

The *ACM Symposium on Cloud Computing 2010 (ACM SOCC 2010)* is the first in a new series of symposia with the aim of bringing together researchers, developers, users, and practitioners interested in cloud computing. This series is co-sponsored by the ACM Special Interest Groups on Management of Data (ACM SIGMOD) and on Operating Systems (ACM SIGOPS). ACM SOCC will be held in conjunction with ACM SIGMOD and ACM SOSP Conferences in alternate years, starting with ACM SIGMOD in 2010.

The scope of SOCC Symposia will be broad and will encompass diverse systems topics such as software as a service, virtualization, and scalable cloud data services. Many facets of systems and data management issues will need to be revisited in the context of cloud computing. Suggested topics for paper submissions include but are not limited to:

- Administration and Manageability
- Data Privacy
- Data Services Architectures
- Distributed and Parallel Query Processing
- Energy Management
- Geographic Distribution
- Grid Computing
- High Availability and Reliability
- Infrastructure Technologies
- Large Scale Cloud Applications
- Multi-tenancy
- Provisioning and Metering
- Resource management and Performance
- Scientific Data Management
- Security of Services
- Service Level Agreements
- Storage Architectures
- Transactional Models
- Virtualization Technologies

Submission: Authors are invited to submit original papers that are not being considered for publication in any other forum. Manuscripts should be submitted in PDF format and formatted using the ACM camera-ready templates available at <http://www.acm.org/sigs/pubs/proceed/template.html>. The symposium website <http://research.microsoft.com/socc> provides addition details on the submission procedure. A submission to the symposium may be one of the following three types: (a) *Research papers*: We seek papers on original research work in the broad area of cloud computing. The length of research papers is limited to twelve pages. (b) *Industrial papers*: The symposium will also be a forum for high quality industrial presentations on innovative cloud computing platforms, applications and experiences on deployed systems. Submissions for industrial presentations can either be an extended abstract (1-2 pages) or an industrial paper up to 6 pages long. (c) *Position papers*: The purpose of a position paper is to expose a new problem or advocate a new approach to an old idea. Participants will be invited based on the submission's originality, technical merit, topical relevance, and likelihood of leading to insightful technical discussions at the symposium. A position paper can be no more than 6 pages long.

Important Dates

Paper Submission: Jan 15, 2010 (11:59pm, PST)
Notification: Feb 22, 2010
Camera-Ready: Mar 22, 2010

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