



## Preliminary Call for Papers Fourth ACM Symposium on Cloud Computing (SOCC) October 2013, San Jose, California, USA

The *ACM Symposium on Cloud Computing 2013 (ACM SOCC 2013)* will be the fourth in a series of symposia that brings together researchers, developers, users, and practitioners interested in cloud computing. ACM SOCC is the premier conference on cloud computing; it is the only conference co-sponsored by the ACM Special Interest Groups on Management of Data (SIGMOD) and on Operating Systems (SIGOPS). As last year, in 2013 SOCC will be held in Silicon Valley.

The scope of SOCC Symposia is broad and encompasses diverse systems topics such as **software as a service, virtualization, and scalable cloud data services**. Many facets of systems and **data management issues** must 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
- Distribution and Cloud Networking
- High Availability and Reliability
- Infrastructure Technologies
- Large Scale Cloud Applications
- Multi-Tenancy
- Programming Models
- Provisioning and Metering
- **Resource management and Performance**
- Scientific Data Management
- Security of Services
- **Service Level Agreements**
- Storage Architectures
- Transactional Models
- Virtualization Technologies

**Paper 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 in 10-point type using the ACM camera-ready templates available at <http://www.acm.org/sigs/pubs/proceed/template.html>. A submission to the symposium may be one of the following 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 (**excluding references**). (b) *Industrial papers*: The symposium is also a forum for high-quality industrial presentations on state-of-the-art cloud computing platforms, applications, and experiences on deployed systems. Submissions for industrial papers may be up to twelve pages long (**excluding references**), though shorter papers (e.g., six pages) will also be considered. (c) *Vision papers*: Speculative but well-reasoned, thought-provoking essays of up to six pages in length (**excluding references**). All SOCC submissions will be evaluated based on their originality, technical merit, topical relevance, and likelihood of leading to insightful technical discussions at the symposium. **All paper submissions will be due by midnight PST on July 2, 2013.**

**Tutorial proposals:** Those wishing to give a tutorial at SOCC 2013 should submit a two-page proposal to the co-program chairs via email: [olston@google.com](mailto:olston@google.com) & [hweather@cs.cornell.edu](mailto:hweather@cs.cornell.edu).

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