

Important Dates

Abstract: *Apr 28*

Submission: *May 5*

Notification: *July 18*



Eighth ACM Symposium on Cloud Computing (SoCC)



Call for Papers
Santa Clara, CA
September 25th – 27th, 2017
www.socc2017.org



The *ACM Symposium on Cloud Computing 2017 (ACM SoCC 2017)* will be the eighth 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). In 2017 SoCC will be held in Silicon Valley.

The scope of SoCC 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 issues management must be revisited in the context of cloud computing. Suggested topics for paper submissions include but are not limited to:

- * Administration and Manageability
- * Application, Analytics, Database as a Service
- * Cross Datacenter Data management
- * Data Services Architectures
- * Data Markets
- * Distributed and Parallel Query Processing
- * Distributed Systems
- * Energy Efficiency and Management
- * Fault Tolerance, High Availability, Reliability
- * IoT Infrastructure
- * Large Scale Cloud Applications
- * Multi-Tenancy
- * Networking and SDNs
- * Platform for Services
- * Privacy of Data and Computation
- * Programming Models
- * Provisioning and Metering
- * Query Optimization
- * Resource Management
- * Scientific Data Management
- * Security of Infrastructure and Services
- * Service Level Agreements
- * Storage Systems and New Technologies
- * Transactional Models
- * Virtualization, Containers, VMs

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 LaTeX template available at <https://acmsocc.github.io/2017/>. A submission to the symposium may be one of the following types: (a) *Research papers*: Original research work in the broad area of cloud computing. The length of research papers is limited to 12 pages (excluding references). (b) *Experience papers*: Experiences with deployed, state-of-the-art cloud systems that are of value to the community. The length of industrial papers is limited to 12 pages (excluding references). (c) *Vision papers*: Speculative but well-reasoned, thought-provoking essays of up to 6 pages in length (excluding references). All SoCC submissions will be held to a high quality standard, and evaluated based on their originality, technical merit, topical relevance, value to the community, and likelihood of leading to insightful technical discussions at the symposium. Email any questions to the PC chairs at ‘mahesh at cs dot yale dot edu’ or ‘ccurino at microsoft dot com’.

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