CloudComp
Cloud Computing

CALL FOR PAPERS
4th International Conference on Cloud Computing
17-19 October, 2013–Wuhan, China

Past editions: 2012 - 2010 - 2009

Scope

Cloud Computing is a consumer/delivery model in which IT capabilities are offered as services and billed based on usage. Examples of cloud services include, but are not limited to, IaaS (Infrastructure-as-a-Service), PaaS (Platform-as-a-Service) and SaaS (Software-as-a-Service). The underlying cloud architecture includes a pool of virtualized compute, storage and networking resources that can be aggregated and launched as platforms to run workloads and satisfy their Service-Level Agreement (SLA). Cloud architectures also include provisions to best guarantee service delivery for clients and at the same time optimize efficiency of resources of providers. The two main technologies that enable clouds are: (i) virtualization, the foundation of clouds; and (ii) manageability (autonomics), the command and control of clouds.

CloudComp will bring together researchers, developers, and industry professionals to discuss recent advances and experiences in clouds, cloud computing and related ecosystems and business support. The conference will present recent advances, experiences and results in the wider area of cloud computing, giving users and researchers equally a chance to gain better insight into the capabilities and limitations of current cloud systems.

Highlights

- All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries.
- Proceedings will be submitted for indexing by Google Scholar, ISI, EICompendex, Scopus and many more.
- Accepted papers after presentation and extension may be invited to be published in either ACM/Springer Mobile Networks & Applications or Journal of Internet Technology. Both of the journals are SCI/SCIE indexed.

Conference topics

Topics of interest include, but are not limited to:

- Cloud architectures & provisions to optimize providers' environments while guaranteeing clients' SLAs
- Programming models, applications and middleware suitable for dynamic cloud environments
- End-to-end techniques for autonomic management of cloud resources including monitoring, asset management, process automation and others
- Cloud delivery models, models' optimizations and associated architectural changes
- Cloud economic and billing models
- Green ICT and Clouds – theory, practice and experiences
- Cloud security, privacy and compliance challenges
- Toolkits, frameworks and processes to enable clouds and allow seamless transitions from traditional IT environments to clouds
- Experiences with existing cloud infrastructure, services and uses
- Novel human interfaces and browsers for accessing clouds
- Interaction of mobile computing, mCommerce and Clouds
- Standardization activity in Clouds – proposals and experiences
- Experiences on clouds in various vertical sectors (e.g., eScience and industry), where the concept worked/did*not*work.
- Clouds adaptability
- Interworking between and integration of multiple clouds

Important dates

Workshops proposal deadline	20 May 2013
Paper submission due	30 May 2013
Acceptance Notification	30 July 2013
Camera-ready deadline	15 August 2013

Organizing committee

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Workshop proposals

The CloudComp 2013 conference caters for a limited number of workshops on dedicated session topics. Such topics may be, but are not limited to

- Cloud and Big data
- Cloud-assisted Pervasive Services
- Cloud and Data Center Performances
- Mobile Cloud Computing
- High Performance Clouds
- New Cloud Business Models

A proposal to organize a workshop should include the following information: (1) the title of the workshop, (2) name, affiliation and biographies of the organizer, (3) an abstract of no more than one page describing the aims of the workshop and the motivation for holding it and participating to it (target audience), (4) a workshop chair and a tentative list of participants / speakers, (5) the expected duration of the workshop, (6) a draft CFP of the workshop. Workshop sessions are expected to last 90-120 minutes, but a workshop may comprise multiple sessions. For submission instructions, please click here.

Paper Submission

Papers should be no more than 10 pages in length. Complete formatting and submission instructions can be found on the conference web site. Submissions will be reviewed anonymously by at least three expert reviewers.

Papers will be judged on originality, correctness, clarity and relevance. Submitted papers must be original work, and may not be under consideration for another conference or journal.

Submission of the paper implies agreement of the author(s) to attend the conference and present the paper if accepted. For additional information see the registration information page.

Publication

Accepted papers will be published in the CloudComp Conference Proceedings and by Springer-Verlag in the Lecture Notes of ICST (LNICST). The proceedings will be available both in book form and via the SpringerLink digital library, which is one of the largest digital libraries online and covers a variety of scientific disciplines. LNICST volumes are submitted for inclusion to leading indexing services, including DBLP, Google Scholar, ACM Digital Library, ISI Proceedings, EI Engineering Index, CrossRef, Scopus and Zentralblatt Math, as well as ICST's own EU Digital Library (EUDL)

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