



The 33rd ACM Symposium on Applied Computing- SAC 2018

Track on Cloud Computing

April 7 – 13, 2018, Pau, France

<http://www.nitc.ac.in/sac2018/cc.htm>

<http://www.sigapp.org/sac/sac2018/>

For the past thirty two years, the ACM Symposium on Applied Computing has been a primary confluencing forum for applied computer scientists, computer engineers, software engineers, and application developers from around the world. SAC 2018 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), and is hosted by **Université de Pau et des Pays de l'Adour (UPPA), Bayonne, France**.

The SRC Program is sponsored by Microsoft Research.

Track on Cloud Computing

The ACM SAC 2018 Track on Cloud Computing welcomes paper submissions on all aspects of cloud computing research and applications with emphasis on those describing research on different forms of virtualization techniques as applied to systems computing. However the main theme of the CC track for this year is security of data in clouds. The list of possible topics includes but is not restricted to the following areas:

- **Virtualization of the infrastructure**
- **Performance of cloud systems and applications- Cloud Availability and Reliability**
- **Elasticity in clouds**
- **Storage virtualization**
- **Green computing models for clouds**
- **Energy aware data storage, computation, scheduling, monitoring, auditing in cloud computing**
- **Programming models for clouds**
- **Cloud computing for the mobile world**
- **Threat handling and security issues in clouds**
- **QoS for applications on clouds**
- **Optimization and performance issues on clouds**
- **Communication protocols for clouds**
- **Databases for clouds**
- **Security in clouds**
- **Security as a service**
- **Big data management and analytics**
- **Cloud Storage,**
- **Data Analytics and Clouds**
- **Large Scale Cloud Applications- Innovative Cloud Applications and Experiences.**

This track welcomes theoretical models, algorithms, practical results, description and analysis of experiments and demonstrations of working prototypes of cloud computing applications.

Submission Guidelines

The submissions should be in electronic format (pdf), based on original, unpublished work.. The file format should be PDF. The author(s) name(s) and address(es) must not appear in the body of the paper, and self-reference should be in the third person. Only the title should be shown at the first page without the author's information. Peer groups with expertise in the tracks focus areas will blindly review submissions. Accepted papers will be published in the annual proceedings and ACM digital library. Submission guidelines can be found on SAC 2018 Website. Prospective papers should be submitted to the track using the START submission system. Poster papers are limited to 2 pages and no additional pages are permitted. A few key words should be provided. **A paper cannot be sent to more than one track.** Original manuscripts (regular papers) should be submitted in electronic format through START Conference manager website at <https://www.sigapp.org/sac/sac2018/submission.html>

Abstracts for the [Student Research Competition \(SRC\)](https://www.sigapp.org/sac/sac2018/submission_src.html) should be submitted in electronic format through the START Conference manager website: https://www.sigapp.org/sac/sac2018/submission_src.html

IMPORTANT NOTICE FOR THE AUTHORS

Paper registration is required, allowing the inclusion of the paper/poster in the conference proceedings. An author or a proxy attending SAC MUST present the paper. This is a requirement for the paper/poster to be included in the ACM/IEEE digital library. No-show of scheduled papers and posters will result in excluding them from the ACM/IEEE digital library.

Important Dates

Papers, posters and SRC Research abstracts Submission Deadline: **September 15, 2017**

Papers, posters and SRC Authors Notification: **November 10, 2017**

Camera-Ready Copy: **November 25, 2017**

Author Registration: **December 10, 2017**

Track Program Chairs

Madhu Kumar S.D, NIT Calicut, India(madhu@nitc.ac.in)

Priya Chandran, NIT Calicut, India (priya@nitc.ac.in)

Programme Committee

Alfredo Goldman, Brazil

Anitha V S, India

Annappa B, India

Ashalatha Nayak, India

Balaji Palanisamy, USA

Babu A V, India

Bill Claycomb, USA

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Shruti Mahambre, India

Surekha Mariam Varghese, India

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