



CALL FOR PAPERS - SAC 2016

The 31st ACM Symposium on Applied Computing

April 3 – 8, 2016, Pisa, Italy

<http://www.acm.org/conferences/sac/sac2016/>

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SAC 2016: For the past thirty years, the ACM Symposium on Applied Computing has been a primary gathering forum for applied computer scientists, computer engineers, software engineers, and application developers from around the world. SAC 2016 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), and will be hosted by the University of Pisa and Scuola Superiore Sant'Anna University, Italy.

Important Notice: An author or a proxy attending SAC MUST present the work. This is a requirement for all accepted papers, posters, and invited SRC submissions to be included in the ACM digital library. **No-show of scheduled papers, posters, and student research abstracts will result in excluding them from the ACM digital library.**

Papers: Authors are invited to submit original papers in all areas of experimental computing and application development for the technical program via the various tracks hosted by SAC 2016. Submissions fall into the following categories:

- Original and unpublished research work
- Reports of innovative computing applications in the arts, sciences, engineering, and business areas
- Reports of successful technology transfer to new problem domains
- Reports of industrial experience and demos of new innovative systems

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 2016 Website. Prospective papers should be submitted to the track using the START submission system. Submission of the same paper to multiple tracks is not allowed. For more information please visit SAC 2016 Website.

Tutorials: The Tutorials Program is an integral part of SAC 2016. The organizing committee solicits tutorials that tend to stress state-of-the-art technologies directly applied to the practitioners' field. Presenters are invited to submit proposals for tutorials in all areas of experimental computing and application development. Tutorial's duration is either full-day or half-day. The tutorial proposal should include a brief summary and outline, specific goals and objectives, expected background of the audience, and a biographical sketch of the presenter(s). All tutorial proposals should be directed to the Tutorial Chair. Tutorial submission guidelines will be posted on SAC 2016 Website.

Sample Potential Tracks:

BioHealth Informatics
Cloud Computing
Computational Intelligence Video and Image Analysis
Coordination Models, Languages and Applications
Cooperative Systems
Constraint Solving and Programming
Dependable and Adaptive Distributed System
Data Mining and Data Streams
Database Theory, Technology, and Applications
Evolutionary Computation
Embedded Systems
Heterogeneous Computing
Information Access and Retrieval
Mobile Computing and Applications
Multimedia and Visualization

Networking

OO Programming Languages and Systems
Operating Systems
Programming Languages
Programming for Separation of Concerns
Requirement Engineering
Recommender Systems: Theory and Apps
Software Engineering
Computer Security
Software Eng. Aspects of Green Computing
Smart Grids and Smart technologies
Service-Oriented Archit. and Programming
Software Verification and Testing
Semantic Web and its Applications
Web Technologies

Sample Post-Conference Journal Publications

Extended papers of SAC publications are typically published in selected SCI-indexed journals.

- Journal of Computer Languages, Systems and Structures, 2013, In Press, Elsevier.
- Journal of Science of Computer Programming, 2013, In Press, Elsevier.
- Journal of Innovations in Systems and Software Engineering (ISSE), 2013, In Press, Springer.
- Journal of Science of Computer Programming, Vol. 78, No. 91, 2013, Elsevier.
- Journal of Science of Computer Programming, Vol. 77, No. 9, 2012, Elsevier.
- Journal of Science of Computer Programming, Vol. 75, No. 11, 2010, Elsevier.
- Journal of Intelligent Data Analysis, Vol. 13, No. 3, 2009, IOS Press.
- Journal of Computer Security (IOS), Vol. 17, No.3, 2009, IOS Press.
- Journal of Visual Languages and Computing, Vol. 19, No. 1, 2008, Elsevier.
- Journal of New Generation Computing, Vol. 25, No. 1, 2007, Springer.
- Journal of Computer Security (IOS), Vol. 13, No.5, 2005, IOS Press.
- Journal of Concurrency and Computation: Practice and Experience, Vol. 16, No.1, 2004, Wiley.
- Science of Computer Programming
- Software Practice & Experience
- Journal of Web Engineering (JWE)
- Software Quality Journal (SQJ), Vol. 16, No. 3, September 2008.
- Journal of Information and Software Technology (JIST), Vol. 53, No. 4, April 2011.
- Science of Computer Programming, 2014.

Important Dates:

Paper Submission:	Sep 11, 2015
SRC Abstract Submission:	Sep 11, 2015
Tutorial Proposals:	Sep 25, 2015
Tutorial Notification:	Nov 13, 2015
Paper/SRC Notifications:	Nov 13, 2015
Camera-Ready Copies:	Dec 11, 2015
Author Registration:	Dec 18, 2015