



CALL FOR PAPERS - SAC 2005

The 20th ACM Symposium on Applied Computing
March 13 – 17, 2005, Santa Fe, New Mexico, USA

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SAC 2005

For the past nineteen 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 2005 is sponsored by the ACM Special Interest Group on Applied Computing, and is hosted by New Mexico Institute of Mining and Technology, Socorro, NM, USA.

PAPERS

Authors are invited to submit original papers in all areas of experimental computing and application development for the technical program, and panel and workshop proposals that deal with the symposium themes via the various tracks hosted by SAC 2005. 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- Original and unpublished research work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
- Workshops and Panels

Peer groups with expertise in the track focus area will blindly review submissions to that track. Accepted papers will be published in the annual conference proceedings. Submission guidelines will be posted on SAC 2005 Website.

Paper submissions should be sent to the appropriate Track Chair. Track Chairs contact information will be made available on SAC 2005 Website soon. Papers spanning more than one track should be mailed to the Program Chairs. Submissions that fall under new topics are also invited and should be directed to the Program Chairs. For panels and workshops, please contact the Program Chairs for submission guidelines. For more information please visit SAC 2005 Website.

TUTORIALS

The tutorial program is an integral part of SAC 2005. 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 Tutorials Chair. Tutorial submission guidelines will be made available on the SAC 2005 Website.

POTENTIAL TECHNICAL TRACKS

SAC 2005 potential track listing includes, but not limited to the following technical tracks:

*A.I., Computational Logic, Image Analysis
Agents, Interactions, Mobility, and Systems
Bioinformatics
Computational Sciences
Computer Applications in Health Care
Computer Security
Coordination Models, Lang. and Applications
Database Technology
Data Mining
Data Streams
E-Commerce Technologies
Embedded Systems: Appl, Solutions, Tech.
Evolutionary Computing and Optimization
Information Access and Retrieval
Mobile Computing and Applications
Multimedia and Visualization
Organizational Engineering
Parallel and Distributed Systems and Networking
Programming Lang. and Object Technologies
Software Engineering
Ubiquitous Computing
Web Technologies and App. (and others...)*

IMPORTANT DUE DATES

Sept. 3, 2004: Paper/Tutorial submissions
Oct. 15, 2004: Author notification
Nov. 5, 2004: Camera-Ready Copy

SAC 2005 Website: <http://www.acm.org/conferences/sac/sac2005>