



# CALL FOR PAPERS - SAC 2012

The 27<sup>th</sup> ACM Symposium on Applied Computing

March 2012, Riva del Garda (Trento), Italy

<http://www.acm.org/conferences/sac/sac2012/>

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## HOST INSTITUTION

**The Microsoft Research**  
University of Trento Centre for  
Computational and Systems  
Biology, Trento, Italy.

## SAC 2012

For the past twenty-seven 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 2012 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), and is hosted by The Microsoft Research - University of Trento Centre for Computational and Systems Biology, Trento, Italy.

## 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 2012. 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- Original and unpublished research work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 track focus area will blindly review submissions to that track. Accepted papers will be published in the annual conference proceedings. Submission guidelines can be found on SAC 2012 Website (on the header). Prospective papers should be submitted to the track using the provided automated submission system. Submission of the same paper to multiple tracks is not allowed.

## TUTORIALS

The Tutorials Program is an integral part of SAC 2012. 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 can be found on SAC 2012 Website.

## SAC 2011 TRACKS

AB	Applied Bioinformatics
APGCC	Asian Perspective of Global and Collaborative Computing
ASIIS	Advances in Spatial and Image-Based Information Systems
BIO	Bioinformatics
CC	Cloud Computing
CF	Computer Forensics
CISIA	Comp Intelligence and Signal and Image Analysis
CM	Coordination Models, Lang. and Apps
CSP	Constraint Solving and Programming
DADS	Dependable and Adaptive Distributed Systems
DE	Document Engineering
DM	Data Mining
DS	Data Streams
DTTA	Database Theory, Technology, and Applications
EC	Applications of Evolutionary Computation
EE	Enterprise Engineering
EMBS	Embedded Systems
GCR	Geometric Constraints and Reasoning
HCI	Human Computer Interaction
IAR	Information Access and Retrieval
ILE	Intelligent/Innovative Learning Environments
MCA	Mobile Computing and Applications
MESC	Mediation Services in Computing Environments
MMV	Multimedia and Visualization
NETS	Networking
OOPS	OO Programming Languages and Systems
OS	Operating Systems
PADO	Power-Aware Design and Optimization
PL	Programming Languages
PSC	Programming for Separation of Concerns
PW	Privacy on the Web
RE	Requirements Engineering
ROBOT	Intelligent Robotic Systems
RTS	Real-Time Systems
SCS	Self-organizing Complex Systems
SE	Software Engineering
SEC	Computer Security
SIM	Advances in Computer Simulation
SOAP	Service-Oriented Arch and Programming
SVT	Software Verification and Testing
SWA	The Semantic Web and Applications
TRECK	Trust, Reputation, Evidence and other Collaboration Know-how
WT	Web Technologies

### Important Dates:

*Paper Submission: Aug 31, 2011*

*Tutorial Proposals: Sept 31, 2011*

*Author Notification: Oct 12, 2011*

*Camera-ready copies: Nov 2, 2011*