



CALL FOR PAPERS - SAC 2008

The 23rd ACM Symposium on Applied Computing

March 16 – 20, 2008, Fortaleza, Ceará, Brazil

<http://www.acm.org/conferences/sac/sac2008>

Conference Chairs

Roger L. Wainwright
University of Tulsa, USA
rogerw@utulsa.edu

Hisham M. Haddad
Kennesaw State University, USA
hhaddad@kennesaw.edu

Conference Vice-Chair

Angelo Brayner
University of Fortaleza, Brazil
brayner@unifor.br

Program Chairs

Ronaldo Menezes
Florida Institute of Technology, USA
rmenezes@cs.fit.edu

Mirko Viroli
Università di Bologna, Italy
mirko.viroli@unibo.it

Posters Chair

Mathew J. Palakal
Indiana University Purdue
University, USA
mpalakal@cs.iupui.edu

Local Organization Chairs

Nabor C. Mendonça
University of Fortaleza, Brazil
nabor@unifor.br

Javam M. Machado
Federal University of Ceará, Brazil
javam@ufc.br

Publication Chair

Lorie M. Liebrock
New Mexico Institute of
Mining and Technology, USA
liebrock@cs.nmt.edu

Tutorial Chair

Maria Andréia F. Rodrigues
University of Fortaleza, Brazil
mafr@unifor.br

Publicity Chair

Rossana Maria C. Andrade
Federal University of Ceará, Brazil
rossana@lia.ufc.br

Asia Publicity Co-Chair

Jiman Hong
Soongsil University, Seoul, Korea
jiman@ssu.ac.kr

US Publicity Co-Chair

Sung Y. Shin
South Dakota State University, USA
Sung.Shin@sdstate.edu

SAC 2008

For the past twenty-two 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 2008 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), and is hosted by the University of Fortaleza and the Federal University of Ceará, in Brazil.

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 2008. 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- Original and unpublished research work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 2008 Website (on the header).

Prospective papers should be submitted per track using the provided automated submission system. Submission of the same paper to multiple tracks is not allowed. For more information please visit the SAC 2008 Website.

TUTORIALS

The tutorial program is an integral part of SAC 2008. 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 2008 Website.

IMPORTANT DUE DATES

- Sept. 8, 2007:** Paper submissions
Sept. 20, 2007: Tutorial submissions
Oct. 16, 2007: Author notification
Oct. 30, 2007: Camera-Ready Copy

SAC 2008 TRACKS

AC	Autonomic Computing
ACS	Advances in Computer Simulation
AISA	Artificial Intelligence in Space Applications
APSLA	Agent-oriented Programming Systems, Languages and Applications
ASIIS	Advances in Spatial and Image-Based Information Systems
ATOS	Adaptive Techniques in Operating Systems
BIO	Bioinformatics
CAHC	Computer Applications in Health Care
CF	Computer Forensics
CISIA	Computational Logic and Computational Intelligence in Signal and Image Analysis
CM	Coordination Models, Languages and Applications
CN	Computer Networks
CSP	Constraint Satisfaction and Programming
DADS	Dependable and Adaptive Distributed Systems
DE	Document Engineering
DM	Data Mining
DS	Data Streams
DTTA	Database Theory, Technology, and Applications
EBA	e-Business Applications
EC	Applications of Evolutionary Computation
EIS	Enterprise Information Systems
ELSDS	Engineering Large-Scale Distributed Systems
EMBS	Embedded Systems: Applications, Solutions, and Techniques
GCR	Geometric Computing and Reasoning
IAR	Information Access and Retrieval
MAS	Mobile Agents and Systems
MCA	Mobile Computing and Applications
ME	Middleware Engineering
MMV	Multimedia and Visualization
NLSP	Natural Language Processing and Speech Recognition
OE	Organizational Engineering
OOPS	Object Oriented Programming Languages and Systems
PL	Programming Languages
PSC	Programming for Separation of Concerns
RE	Requirement Engineering
RHSES	Robotics: Hardware, Software, and Embedded Systems
RTS	Real-Time Systems
SE	Software Engineering
SEC	Computer Security
SOPDS	Self Organization in Pervasive Distributed Systems
SV	Software Verification
SWA	The Semantic Web and Applications
TRECK	Trust, Recommendations, Evidence and other Collaboration Know-how
UC	Ubiquitous Computing
WT	Web Technologies

HOST INSTITUTIONS



Universidade Federal do Ceará