



CALL FOR PAPERS - SAC 2010
The 25th ACM Symposium on Applied Computing
22 – 26 March 2010, Sierre, Switzerland
www.acm.org/conferences/sac/sac2010/

SAC 2010

For the past twenty-four 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 2010 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP), and is hosted by University of Applied Sciences, Western Switzerland (HES-SO) and Ecole Polytechnique fédérale de Lausanne (EPFL), Switzerland. The conference proceedings are published by ACM and are also available online through ACM Digital Library. For additional information, please check the SAC web page <http://www.acm.org/conferences/sac/sac2010/>.

Track on Information Security Research and Applications

(http://www.albany.edu/~er945/CfP_SAC2010_ISRA.html)

Aims:

As society becomes more reliant on information systems, networks, and mobile communication, we become more vulnerable to security incidents. Our critical infrastructures for energy, communication, and transportation are interconnected via the Internet, bringing with this the efficiencies and economies of scale and the risk associated with open networks. It has turned out that economic and societal interests go beyond technical security, as they also relate to organizational and behavioral security facets. This track provides a venue for holistic security issues related to detecting, mitigating and preventing the threat of attacks against information and communication systems. It brings together security researchers from the areas of computer science, information systems and systems science who are otherwise spread over multiple conferences.

Topics:

Papers that address improving the security of information system-reliant organizations from threats through technical, organizational, or behavioral change are encouraged. These may include simulation studies, case-based research, empirical studies, and other applications of quantitative and qualitative methods. Topics include, but are not limited to:

- Internet security
- Economics of information security
- Identifying modes of misuse
- Applications of access policies
- Analysis of known and unknown modes of attack
- Detecting and mitigating insider threats
- Modeling risks and approaches to mitigation
- Teaching and training security and business managers about information security
- Creating channels and techniques to share confidential information
- Modeling and theory building of security issues
- Insider threats
- Social and business security policy
- Intrusion detection/prevention

- Electronic commerce security and privacy
- Secure software development
- Electronic voting
- Security metrics
- Risk and fraud assessment
- Trust
- Process Control Systems / SCADA security

Important Due Dates

Paper submission: Sept. 8, 2009

Author notification: Oct. 19, 2009

Camera-Ready Copy: Nov. 2, 2009

Submissions

Only full papers about original and unpublished research are sought. Papers should not be submitted to other SAC 2010 tracks in parallel. They should also not be under review in any other conference or journal. All submissions must be formatted using the ACM conference-specific style, which can be obtained from the symposium web page. The standard extension of a submission in the stated format is 5 pages (approximately 5000 words). Longer papers (up to 8 pages maximum) will imply an additional charge of 80USD per page. Authors must register their intent to submit a paper using the conference management system, eCMS system at <http://sac.cs.iupui.edu/SAC2010/>. Authors will use this system for formal paper submission and other correspondence.

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