

The 5th International Conference on Security of Information and Networks (SIN 2012), October 22-26, 2012, MNIT, Jaipur, India

www.sinconf.org

Papers addressing all aspects of security in Information and Networks are being sought. Researchers and Industrial practitioners working on the following and related subjects are especially encouraged: Next Generation Network architectures, Protocols, Systems and Applications; the development and the realization of cryptographic solutions, security schemes, new algorithms; critical analysis of existing approaches; secure information systems, especially distributed control and processing applications, and security in networks; interoperability, service levels and quality issues in such systems; information assurance, security, and public policy; detection and prevention of cyber crimes such as fraud and phishing; industrial experiences and challenges of the above.

Topics of Interest: Possible topics for the special issue include:

- Access control and intrusion detection
- Autonomous and adaptive security
- Computational intelligence techniques in security
- Computer network defense
- Cryptographic techniques and key management
- Industrial applications of security
- Information assurance
- Next generation network architectures
- Network security and protocols
- Security in information systems
- Security tools and development platforms
- Security ontology, models, protocols & policies
- Standards, guidelines and certification
- Security-aware software engineering
- Trust and privacy
- Cyber Warfare (attacks and defenses)
- Malware analysis
- Security challenges in Mobile/Embedded Systems

Proposal submission: Papers should include the title, author's name(s), affiliation, mailing address, telephone, fax and email of the principal author. All papers will be reviewed by at least three members of the reviewers judging their originality, significance, correctness, presentation and relevance. Acceptance and final category depend on reviewer feedback. All accepted papers will be published by ACM Press in the conference proceedings and placed into the ACM Digital Library (Pending ACM/SIGSAC approval). Extended versions of selected papers will be invited for possible publication in a special issue of an international journal (TBA). The submitted papers should be written according to double-column ACM conference format (<http://www.acm.org/sigs/publications/proceedings-templates>). All papers must be submitted electronically via the SIN 2012 Submission Site (<https://cmt.research.microsoft.com/SIN2012/>).

Submission categories:

- Research contributions - Submissions must not substantially duplicate work that any of the authors has published elsewhere or has submitted simultaneously to any other conference or workshop that has published proceedings. Maximum length for the proceedings is 8 pages for full papers, 6 pages for short papers.
- Student contributions - Doctoral / Masters Students are encouraged to propose papers on ongoing research. Please add "(Student contribution)" to the title. Maximum length for the proceedings is 6 pages for student papers.
- Industrial contributions - Authors from industry and government enterprises are welcome to submit original papers that describe their experiences, challenges, and applications in security. Maximum length for the proceedings is 8 pages.
- Position papers / fast abstracts - Authors are also encouraged to propose position papers / fast abstracts on practical studies and experiments, critiques of existing work, emerging issues, and novel ideas under development. Maximum length for the proceedings is 4 pages for fast abstracts and position statements.
- Tool demos - Enterprises and research centers developing, implementing, or using security tools and frameworks are encouraged to propose application / tool demos. Maximum length for the proceedings is 4 pages for tool demos.

Important Dates:

Paper Submission	June 30, 2012	Tutorial Proposal	June 30, 2012
Notification	July 20, 2012	Camera Ready & Author Registration	August 10, 2012

Organization Committee:

Conference Chairs	Program Chairs
Manoj Singh Gaur, Malaviya National Institute of Technology, India	Vijay Laxmi, Malaviya National Institute of Technology, India
Virendra Singh, Indian Institute of Technology, Bombay, India	V. Kamakoti, Indian Institute of Technology, Madras, India
Mehmet Orgun, Macquarie University, Australia	Josef Pieprzyk, Macquarie University, Australia
Atilla Elçi, Süleyman Demirel University, Turkey	Ludmila Babenko, Southern Federal University
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Organized by:

- Malaviya National Institute of Technology, Jaipur, India
- Indian Institute of Technology, Guwahati, India
- Indian Institute of Technology, Bombay, India
- The Centre for Advanced Computing - Algorithms and Cryptography (ACAC) & The Information and Networked Systems Security (INSS) & The Intelligent Systems Group (ISG), Dept. of Computing, Macquarie University, Sydney, Australia
- Department of Computer and Educational Technology, Faculty of Education, Süleyman Demirel University, Isparta, Turkey
- Department of Security of Information Technologies, South-Russian Regional Scientific-Educational Center for Information Security Problems, Southern Federal University, Taganrog, Rostov, Russia

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- Malaviya National Institute of Technology, Jaipur, India