



## Special Session on Soft Computing and Hybrid Intelligent Approaches in Computer Security (SCHICS 2009)

In conjunction with 5<sup>th</sup> International Conference on Information Assurance and Security (IAS 2009), Xi'an, China  
August 18– 20, 2009

### Call for Paper

#### Session Organizers:

**SITI ZAITON MOHD HASHIM**  
**ANAZIDA ZAINAL**

Faculty of Computer Science and  
Information Systems,  
Universiti Teknologi Malaysia, Malaysia

[sitizaiton@utm.my](mailto:sitizaiton@utm.my)

[anazida@utm.my](mailto:anazida@utm.my)



**AJITH ABRAHAM**

Norwegian Center of Excellence  
Center of Excellence for Quantifiable  
Quality of Service  
Norwegian University of Science and  
Technology,

O.S. Bragstads plass 2E,  
N-7491 Trondheim, Norway

<http://www.softcomputing.net>

E-mail: [ajith.abraham@ieee.org](mailto:ajith.abraham@ieee.org)

Traditional methods of solving security problems have been extended to include intelligent paradigms in order to make the solution more robust and reliable. Some of these solutions are required to make the security system adaptive. Learning and understanding of the threat patterns are also essential in producing a good security system. The emerging machine learning like Neural Network, Evolutionary Computing, Swarm Intelligent, Fuzzy Logic and the hybrid of these approaches provide wider alternatives to the conventional security measure. This special workshop invites novel contributions/papers pertaining to the use of machine learning in solving security problem.

The following are the topics of interests but not limited to:

- Soft Computing in IDS or IRS
- Intelligent Alert Correlations in a Computer Network
- Artificial Intelligent in Cryptography, Steganography, Watermarking and DRM
- Fusion of Multiple Intelligence for Data and Network Protection
- Machine Learning in Digital Forensic
- Artificial Intelligent in Biometrics application
- Knowledge Mining from Network Traffic
- Machine Learning in Anti-virus
- Intelligent GRID Security

#### SUBMISSION GUIDELINES

Papers are invited from prospective authors with interests in this particular special session and related areas of applications. All contributions should be original and not published elsewhere or intended to be published during the review period. Contributions from related fields in industry are very welcome. Details of the required paper format are published at the official IAS 2009 website:

[\(http://www.ias09.org/\)](http://www.ias09.org/)

#### Important Dates:

Deadline for paper submission: March 15, 2009

Notification of acceptance/rejection: April 15, 2009

Deadline for camera-ready manuscript submission: May 15, 2009