

CIS 2012



The 8th International Conference on Computational Intelligence and Security

November 17-18, 2012 Guangzhou, China

About CIS

International Conference on Computational Intelligence and Security (CIS) is a major annual international conference to bring together researchers, engineers, developers and practitioners from academia and industry working in all areas of two crucial fields in information processing: computational intelligence (CI) and information security (IS), to share the experience, exchange and cross-fertilize ideas. In particular, the series of CIS conference provides an ideal platform to explore the potential applications of CI models, algorithms and technologies to IS.

Following the great success of CIS'2005-2011, the eighth conference CIS'2012 serves as a forum for the dissemination of the state-of-the-art research, development, and implementations of systems, technologies and applications in these two broad fields. CIS'2012 will be held at Guangzhou, Guangdong Province, China on November 17-18, 2012.

The topics include but are not limited to:

Computational Intelligence

- Artificial Immune Systems
- Autonomy-Oriented Computing
- Artificial Neural Systems
- Bayesian Learning
- Biological Computing
- Data Mining
- DNA Computing
- Evolutionary Programming
- Evolutionary Algorithms
- Image Understanding
- Intelligent Systems
- Knowledge Discovery
- Learning Algorithms
- Machine Learning
- Multi-Agent Systems
- Multi-Objective EA
- Neural Networks
- Particle Swarm Optimization
- Probabilistic Reasoning
- Reinforcement Learning
- Supervised Learning
- Swarm Intelligence
- Probabilistic Learning

Information Security

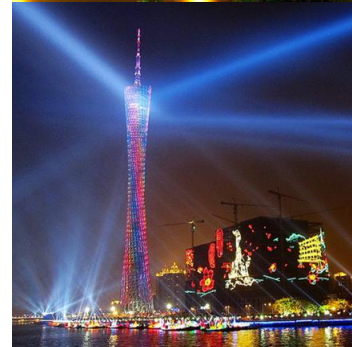
- Access Control
- Authentication and Authorization
- Block/Stream Ciphers
- Cryptography and Coding
- Cryptographic Protocols
- Cryptanalysis
- Computer Forensics
- Hash Functions
- Information and System Integrity
- Intrusion Detection
- Information Hiding
- Internet/Intranet Security
- Information Security Management
- Key/Identity Management
- Mobile Communications Security
- Malicious Codes
- Mobile Code & Agent Security
- Network & Wireless Security
- Public Key Cryptosystems
- Public Key Infrastructure
- Secret Sharing
- Security Management
- Steganography & Watermarking

Applications

- Anti-Virus
- Biometrics
- Content Security
- Cryptography and Applications
- Communication Security
- Copyright Protection
- Database Security
- Digital Signatures
- Data Privacy
- Distributed Systems Security
- Detection of Abnormality
- Elliptic Curve Cryptosystems
- Financial Security
- Electronic Commerce Security
- Information Discovery
- Mobile Device Security
- Multimedia Security
- Software Encryption
- System Security
- Statistical Data Analysis
- Web Privacy and Trust
- Web Authentication
- Web Security and Integrity

Important Dates

Paper Submission Due Date	June 15, 2012
Notification of Paper Acceptance	August 15, 2012
Camera-ready Paper Submission	September 15, 2012



Prospective authors are invited to submit high-quality manuscripts written in English. The submission of a paper implies that the paper is original and has not been submitted to elsewhere for possible publication. All submissions will be blindly reviewed by experts in the field based on originality, significance, quality and clarity. The accepted papers will be included in the conference proceedings published by the CPS, and be further submitted to the indexing companies for possible indexing, including SCI, EI and ISTP. For your information, all past CIS'2005-CIS'2010 proceedings have been successfully indexed in either SCI or EI, and it is expected that the publication and index process of CIS'2012 remains the same as the past.

For more details, please visit: <http://www.cis-lab.org>