CALL FOR PAPERS

The purpose of the 4th workshop CIHS-2014 “Chaos-Information Hiding and Security” is to bring together researchers, practitioners and industrials interested in security aspects related to information and communication. Theoretical and practical advances in the fields of Information Security are a key factor in the growth of data communications, data networks and distributed computing. In addition, CIHS also focuses on applications in the scope of systems development in particular, in the context of e-business, internet and global enterprises.

Information security is a very important topic nowadays, including statistics and stochastic processes, Pseudo random and chaotic sequences, iteration theory, coding, estimation, Shannon theory, crypto-compression, chaos-based crypto and crypto-compression systems, data compression, data networks, systems security, cryptography, steganography, watermarking, as well as many other topics that can be listed, as indicated below. Papers describing new methods and technologies, advanced prototypes, tools, and general survey papers indicating future directions are also encouraged. Papers describing original work are invited in any of the areas listed below.

The workshop will invite top keynote speakers working in the Information Security field. We invite people working in the field of Information Security to submit their unpublished and original work. The papers will be reviewed by at least two independent reviewers. Acceptance will be based on quality, relevance and originality. Both full research reports and work-in-progress reports are welcome.

Accepted papers, presented at the conference (oral sessions) by one of the authors, will be published by IEEE and fully indexed by IEEE Xplore. A modified version of best papers will be published in special issues peer reviewed journals.
Instructions for Authors
The program Committee invites author’s to submit their research work for the CIHS’14. Submitted papers should not exceed six pages and must follow the paper format specified by the ICITST-2014 guidelines. The submissions should be in PDF or DOC Format only (http://www.icitst.org/Paper%20Submission.html).

Important dates
Full Paper Submission Date:  June 30, 2014
Notification of Paper Acceptance/Rejection:  July 31, 2014
Camera Ready Paper Due:  August 15, 2014
Early Registration Deadline (Authors only):  October 20, 2014
Late Registration Deadline (Authors only):  November 15, 2014
Participants Registration:  May 01 to December 01, 2014
Workshop Dates:  December 08, 2014
Conference Dates:  December 08-10, 2014

Workshop Topics
Topics include but are not limited to:

- Applied Cryptography
- Peer-to-Peer Security
- Chaos Generation
- Personal Data Protection for Information Systems
- Chaos Characterization
- Physical layer security for communications
- Chaos Synchronization
- Security algorithms and applications
- Chaos-based Data Security
- Sensor and Mobile Ad Hoc Network Security
- Chaos-based Crypto and Crypto-Compression Systems
- Security and Privacy in Mobile Systems
- Chaos based Steganography
- Service and Systems Design and QoS
- Chaos-based Watermarking
- Network Security
- Chaos-based Crypto-Biometric Schemes
- Security Information Systems Architecture and Design and Security Patterns
- Coding and cryptography for green communications and computing
- Security and Privacy in Location-based Services
- Crypto-Biometric Systems
- Secure Cloud Computing
- Dynamical Systems
- Security and Privacy in Complex Systems
- Data Integrity
- Security and Privacy in Social Networks
- Database Security and Privacy
- Security and privacy in vehicular networks
- E-business Security
- Security and Privacy in Web Services
- Iteration Theory
- Security in Distributed Systems
- Identification, Authentication and Non-repudiation
- Security Verification and Validation
- Intellectual Property Protection
- Software Security
- Intrusion Detection & Prevention
- Surveys
- Lightweight cryptography for green computing
- Steganography
- Management of Computing Security
- Watermarking
- Protection in video
- Wireless Network Security (Internet, WSNs, UMTS, WiFi, WiMAX, WiMedia and others)

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