



CALL FOR PAPERS



International Workshop on Computational Intelligence in Security for Information Systems



October 23-24, 2008 – Jolly Hotel Marina, Genova, Italy

www.cisis2008.org



CISIS aims to offer a meeting opportunity for academic and industry-related researchers belonging to the various, vast communities of **Computational Intelligence, Information Security, Data Mining, and Biometry**. The need for intelligent, flexible behavior by large, complex systems, especially in mission-critical domains, is intended to be the catalyst and the aggregation stimulus for the overall event. CISIS'08 provides an interesting opportunity to present and discuss the latest theoretical advances and real-world applications in this multidisciplinary research field.

Topics are encouraged, but not limited to:

Intelligent Data Mining for Network Security: Intrusion Detection Systems, Log Correlation Methods, Adaptive Defense of Network Infrastructures.

Learning Methods for Text Mining in Intelligence and Security: Document Classification and Processing, Ontologies and Conceptual Information Processing, Semantic Information Representation, Natural Language Acquisition, Web Semantics in Intelligence and Law-Enforcement, Adaptive Reasoning, Information Forensics.

Soft-Computing Methods in Critical Infrastructure Protection: Industrial and Commercial Applications of Intelligent Methods for Security, Intelligent Control and Monitoring of Critical Systems, Dynamic Adaptive Railway Operation, Centralized Control Systems, Adaptive Planning for Strategic Reasoning.

Intelligent Secure Methods in Railway Operation: Intelligent Methods in Energy and Transportation, Planning and Automated Reasoning in Large System Control.

Computational Intelligence in Biometrics for Security: Biometric Identification and Recognition, Biometric Surveillance, Biometric Access Control, Extraction of Biometric Features (fingerprint, iris, face, voice, palm, gait).

Paper Submission

Authors are invited to submit manuscripts written in English. All submissions will be refereed by experts in the field based on originality, significance, quality and clarity; every submitted paper will be reviewed by at least two members of the Program Committee.

Accepted papers will be included in CISIS'08 Proceedings to be published by **Springer Verlag** in the prestigious **Advances in Soft Computing Series**.

Papers must be prepared according to the Springer LNCS style template. Submitting authors should visit the Workshop website for instructions.

Journal Special Issue

Selected papers will be published in special issues of *Journal of Information Assurance and Security (JIAS)* – <http://www.softcomputing.net/jias/> and *International Journal of Computational Intelligence Research (IJ CIR)* – <http://www.softcomputing.net/ijcir/>

Important Dates

April 8, 2008	Paper submission deadline
May 16, 2008	Notification of acceptance
June 13, 2008	Camera-ready papers / Author registration
October 23-24, 2008	Workshop

Honorary Chairs

Gaetano Bignardi – Univ. of Genova, Italy
Giovanni Bocchetti – Ansaldo STS, Italy
Michele Fracchiolla – Elsas Datamat, Italy
José Maria Leal – Univ. of Burgos, Spain
Vincenzo Piuri – President, IEEE CIS

General Chairs

Emilio Corchado, Univ. of Burgos, Spain
Rodolfo Zunino, Univ. of Genova, Italy

Program Committee

Cesare Alippi – Italy
Davide Anguita – Italy
Enrico Appiani – Italy
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José Manuel Molina – Spain
Dennis K. Nilsson – Sweden
Witold Pedrycz – Canada
Carlos Pereira – Portugal
Kostas Plataniotis – Canada
Fernando Podio – USA
Marios Polycarpou – Cyprus
Jorge Posada – Spain
Perfecto Reguera – Spain
Bernardete Ribeiro – Portugal
Sandro Ridella – Italy
Ramón Rizo – Spain
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Kate Smith-Miles – Australia
Carmela Troncoso – Belgium
Tzai-Der Wang – Taiwan
Lei Xu – Hong Kong
Xin Yao – UK
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Alessandro Zanzi – France
David Zhang – Hong Kong

