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# Computational Intelligence in Security for Information Systems

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Proceedings

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# Preface

The 4<sup>th</sup> International Conference on Computational Intelligence in Security for Information Systems (CISIS 2011) provided a broad and interdisciplinary forum to present the most recent developments in several very active scientific areas such as machine learning and intelligent methods, network security, cryptography, securing software and industrial perspective among others. The global purpose of the CISIS series of conferences has been to form a broad and interdisciplinary meeting ground offering researcher the opportunity to interact with the leading research team and industries actively involved in the critical area of security, and to get a picture of the current solutions adopted in practical domains.

This volume of *Lecture Notes in Computer Science* contains the accepted papers presented at CISIS 2011, which was held in one of the most famous resorts along the Costa del Sol, Torremolinos, Spain, during June 8–10, 2011. CISIS 2011 received about 70 technical submissions. After a thorough peer-review process, the International Program Committee selected 38 papers, which are published in these conference proceedings. This allowed the Scientific Committee to verify the vital and crucial nature of the topics involved in the event, and resulted in an acceptance rate close to 54%.

The selection of papers was extremely rigorous in order to maintain the high quality of the conference and we would like to thank the members of the Program Committee for their hard work in the reviewing process. This is a crucial process to the creation of a conference high standard and the CISIS conference would not exist without their help.

Our warmest and special thanks go to the IWANN 2011 Conference Chairs (Joan Cabestany, Gonzalo Joya and Ignacio Rojas) and Satellite Workshops Chair (Juan M. Corchado).

We also thank all the authors and participants for their great contributions that made this conference possible and all the hard work worthwhile.

June 2011

Álvaro Herrero  
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