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# Critical Information Infrastructures Security

Second International Workshop, CRITIS 2007  
Málaga, Spain, October 3-5, 2007  
Revised Papers

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Library of Congress Control Number: 2008938205

CR Subject Classification (1998): C.2, D.4.6, E.3, K.6.5, K.4.1, K.4.4, J.1

LNCS Sublibrary: SL 4 – Security and Cryptology

ISSN 0302-9743  
ISBN-10 3-540-89095-5 Springer Berlin Heidelberg New York  
ISBN-13 978-3-540-89095-9 Springer Berlin Heidelberg New York

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Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India  
Printed on acid-free paper SPIN: 12559381 06/3180 5 4 3 2 1 0

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# Preface

This volume contains the post-proceedings of the Second International Workshop on Critical Information Infrastructure Security (CRITIS 2007), that was held during October 3–5, 2007 in Benalmadena-Costa (Malaga), Spain, and was hosted by the University of Malaga, Computer Science Department.

In response to the 2007 call for papers, 75 papers were submitted. Each paper was reviewed by three members of the Program Committee, on the basis of significance, novelty, technical quality and critical infrastructures relevance of the work reported therein. At the end of the reviewing process, only 29 papers were selected for presentation. Revisions were not checked and the authors bear full responsibility for the content of their papers.

CRITIS 2007 was very fortunate to have four exceptional invited speakers: Adrian Gheorge (Old Dominion University, USA), Paulo Veríssimo (Universidade de Lisboa, Portugal), Donald Dudenhoefter (Idaho National Labs, USA), and Jacques Bus (European Commission, INFISO Unit "Security"). The four provided a high added value to the quality of the conference with very significant talks on different and interesting aspects of Critical Information Infrastructures.

In 2007, CRITIS demonstrated its outstanding quality in this research area by including ITCIP, which definitively reinforced the workshop. Additionally, the solid involvement of the IEEE community on CIP was a key factor for the success of the event. Moreover, CRITIS received sponsorship from Telecom Italia, JRC of the European Commission, IIRIIS, IFIP, and IABG, to whom we are greatly indebted.

Other persons deserve many thanks for their contribution to the success of the conference. Sokratis Katsikas and Saifur Rahman were General Co-chairs, while Marcelo Masera and Stephen D. Wolthusen were Sponsorship Co-chairs. We sincerely thank them for their total support and encouragement and for their help in all organizational issues. Our special thanks to Ralf Linnemann and Erich Rome as interfaces to ITCIP, Rodrigo Roman for preparation and maintenance of the Workshop website, and Cristina Alcaraz and Pablo Najera for the local support. Without the hard work of these colleagues and the rest of the local organization team, this conference would not have been possible.

CRITIS 2007 thanks the members of the Program Committee who performed an excellent job during the review process, which is the essence of the quality of the event, and last but not least, the authors who submitted papers as well as the participants from all over the world who chose to honor us with their attendance.

June 2008

Javier Lopez  
Bernhard Hämmerli

**CRITIS 2007**  
**Second International Workshop on**  
**Critical Information Infrastructures Security**

(Including ITCIP 2007 Information Technology for  
Critical Infrastructure Protection)

Benalmadena-Costa (Malaga), Spain  
October 3–5, 2007

*Organized by*  
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