Lecture Notes in Computer Science 7564

Commenced Publication in 1973
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Computer Information Systems and Industrial Management

11th IFIP TC 8 International Conference, CISIM 2012
Venice, Italy, September 26-28, 2012
Proceedings

Springer

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ISSN 0302-9743 e-ISSN 1611-3349
ISBN 978-3-642-33259-3 e-ISBN 978-3-642-33260-9
DOI 10.1007/978-3-642-33260-9
Springer Heidelberg Dordrecht London New York

Library of Congress Control Number: 2012946037

CR Subject Classification (1998): H.4, C.2, H.3, I.2, D.2, C.2.4, K.6.5

LNCS Sublibrary: SL 3 – Information Systems and Application, incl. Internet/Web and HCI

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Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India

Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

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Preface

This volume contains the papers presented at CISIM 2012, the 11th International Conference on Computer Information Systems and Industrial Management held during September 26–28, 2012, in Venice.

CISIM provides a forum for researchers from all over the world to discuss effective software support for widespread use of information systems technologies. The main focus of this edition was on data management in (possibly) untrusted networks, addressing the issue of securing computer networks so as to ensure reliable data management and delivery. The conference is supported by IFIP TC8 Information Systems.

Topics covered by CISIM include network and application security models and tools, security requirements definition and modelling, formal verification of security-relevant properties, security testing of legacy systems, data analysis, biometric security, advanced biosignal processing and modelling, biometric performance management, classification and indexing of multimedia information objects, multimedia security and protection, access control and data protection, Web security, security of SaaS in cloud computing environments, software engineering for cloud and ubiquitous computing, business process engineering and execution support, data protection in ERP systems, industrial applications: government, finance, retail, etc.

This year, 80 papers were submitted to CISIM. The volume contains 35 papers selected by the Program Committee based on anonymous reviews and discussions through EasyChair. The main selection criteria were relevance and quality. Every paper was reviewed by two to five reviewers, and the articles presented in this volume were deeply improved based on the reviewers' comments.

The CISIM program included three keynote lectures by Roy Maxion (Carnegie Mellon University, USA), Pierpaolo Degano (University of Pisa, Italy), and Young Im Cho (University of Suwon, Korea).

We would like to thank all the members of the Program Committee, and the external reviewers for their dedicated effort in the paper selection process. We thank also the Honorary Chair of the conference, Ryszard Tadeusiewicz, and the Organizing Committee Chair, Andrea Marin.

We thank SAP, our industrial sponsor; the Venice chapter of ISACA; the DAIS Department of Ca' Foscari University; the University of Calcutta; AGH Krakow; the Polish Academy of Sciences; AICA; Kairos Consulting; and Venezia Congressi.

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We are also grateful to Andrei Voronkov, whose EasyChair system eased the submission and selection process, and greatly supported the compilation of the proceedings.

July 2012

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