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Mohammad S. Obaidat · Enrique Cabello (Eds.)

E-Business and Telecommunications

14th International Joint Conference, ICETE 2017
Madrid, Spain, July 24–26, 2017
Revised Selected Paper

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Preface

The present book includes extended and revised versions of a set of selected best papers from the 14th International Joint Conference on e-Business and Telecommunications (ICETE 2017), held in Madrid, Spain, during July 24–26, 2017.

ICETE 2017 received 195 paper submissions from 48 countries, of which 7% are included in this book. The papers were selected by the event chairs and their selection is based on a number of criteria that includes the reviews and suggested comments provided by the Program Committee members, the session chairs' assessments and also the program chairs' global view of all papers included in the technical program. The authors of selected papers were then invited to submit a revised and extended version of their papers having at least 30% new material.

ICETE 2017 was a joint conference aimed at bringing together researchers, engineers, and practitioners interested in information and communication technologies, including data communication networking, e-business, optical communication systems, security and cryptography, signal processing and multimedia applications, and wireless networks and mobile systems. These are the main knowledge areas that define the six component conferences, namely: DCNET, ICE-B, OPTICS, SECURE, SIGMAP, and WINSYS, which together form the ICETE joint international conference.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research in the areas of computer-based analysis of Tomatis Listening Test System audio data, Ka-band satellite applications for 5G systems, techniques to secure P2PSIP in MANETs, client-side localization of BGP hijack attacks, optical MIMO transmission systems, consumer awareness and interactions in online brand community, history-based throttling distributed denial-of-service attacks, resistance of the point randomization countermeasure, leak abuse attacks against symmetric searchable encryption, on the relation between SIM and IND-RoR security models, interoperable and IoT PKI, BoolTest as a fast randomness testing scheme, a representational requirements scheme, and optimizing link quality in wireless sensor networks.

We would like to thank all the authors for their contributions and also the reviewers who helped ensure the quality of this publication. We also thank the program chairs and Technical Program Committee, for their good work. Finally, we would like to thank the ICETE 2017 secretariat and the Institute for Systems and Technologies of Information, Control and Communication (INSTICC) leadership for their outstanding support.

July 2017

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