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Revised Selected Papers



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Preface

The present book includes extended and revised versions of a set of selected best papers from the 8th International Joint Conference on e-Business and Telecommunications (ICETE), which was held in July 2011, in Seville, Spain. This conference reflects a continuing effort to increase the dissemination of recent research results among professionals who work in the areas of e-business and telecommunications. ICETE is a joint international conference integrating four major areas of knowledge that are divided into six corresponding conferences: DCNET (International Conference on Data Communication Networking), ICE-B (International Conference on e-Business), OPTICS (International Conference on Optical Communication Systems), SECRIPT (International Conference on Security and Cryptography), WINSYS (International Conference on Wireless Information Systems), and SIGMAP (International Conference on Signal Processing and Multimedia).

The program of this joint conference included several outstanding keynote lectures presented by internationally renowned distinguished researchers who are experts in the various ICETE areas. Their keynote speeches contributed to heightening the overall quality of the program and significance of the theme of the conference.

The conference topic areas define a broad spectrum in the key areas of e-business and telecommunications. This wide-view reporting made ICETE appealing to a global audience of engineers, scientists, business practitioners, ICT managers, and policy experts. The papers accepted and presented at the conference demonstrated a number of new and innovative solutions for e-business and telecommunication networks and systems, showing that the technical problems in these closely related fields are challenging and worthwhile approaching with an interdisciplinary perspective such as that promoted by ICETE.

ICETE 2011 received 409 papers in total, with contributions from 59 different countries, on all continents, which really shows the success and global dimension of the conference. To evaluate each submission, a double-blind paper evaluation method was used; each paper was reviewed by at least two experts from the International Program Committee, and most papers received three reviews or even more. In the end, 118 papers were selected for oral presentation and publication, corresponding to a 28.8% acceptance ratio. Of these, only 52 were accepted as full papers (12.7% of submissions) and 66 as short papers. Additionally, 52 papers were accepted for poster presentation.

We hope that you will find this collection of the best ICETE 2011 papers an excellent source of inspiration as well as a helpful reference for research in the afore-mentioned areas.

May 2012

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