Preface

The present book includes extended and revised versions of a set of selected best papers from the 12th International Joint Conference on e-Business and Telecommunications (ICETE), which was held in July 2015, in Colmar, Alsace, France. 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), SECRYPT (International Conference on Security and Cryptography), SIGMAP (International Conference on Signal Processing and Multimedia), and WINSYS (International Conference on Wireless Information Systems).

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 have 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 worth approaching in an interdisciplinary perspective such as that promoted by ICETE.

ICETE 2015 received 248 papers in total, with contributions from 53 different countries, in all continents, demonstrating its success and global dimension. To evaluate each submission, a double-blind paper evaluation method was used: Each paper was blindly reviewed by at least two experts from the International Program Committee. In fact, most papers had three reviews or more. The selection process followed strict criteria in all tracks. As a result only 26 papers were accepted and orally presented at ICETE as full papers (11.9 % of submissions) and 37 as short papers (16.9 % of submissions). Additionally, 52 papers were accepted for poster presentation. With these acceptance ratios, ICETE 2015 continues the tradition of previous ICETE conferences as a distinguished and high-quality international conference.

We hope that you will find this collection of the best ICETE 2015 papers an excellent source of inspiration as well as a helpful reference for research in the aforementioned areas.

July 2015   Mohammad S. Obaidat
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