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Preface

On behalf of the Program Committee, we welcome you to the proceedings of participate in the International Conference on Digital Information and Communication Technology and Its Applications (DICTAP 2011) held at the Université de Bourgogne.

The DICTAP 2011 conference explored new advances in digital information and data communications technologies. It brought together researchers from various areas of computer, information sciences, and data communications who address both theoretical and applied aspects of digital communications and wireless technology. We do hope that the discussions and exchange of ideas will contribute to the advancements in the technology in the near future.

The conference received 330 papers, out of which 130 were accepted, resulting in an acceptance rate of 39%. These accepted papers are authored by researchers from 34 countries covering many significant areas of digital information and data communications. Each paper was evaluated by a minimum of two reviewers.

We express our thanks to the Université de Bourgogne in Dijon, Springer, the authors and the organizers of the conference.

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Message from the Chairs

The International Conference on Digital Information and Communication Technology and Its Applications (DICTAP 2011)—co-sponsored by Springer—was organized and hosted by the Université de Bourgogne in Dijon, France, during June 21–23, 2011 in association with the Society of Digital Information and Wireless Communications. DICTAP 2011 was planned as a major event in the computer and information sciences and served as a forum for scientists and engineers to meet and present their latest research results, ideas, and papers in the diverse areas of data communications, networks, mobile communications, and information technology.

The conference included guest lectures and 128 research papers for presentation in the technical session. This meeting was a great opportunity to exchange knowledge and experience for all the participants who joined us from around the world to discuss new ideas in the areas of data communications and its applications. We are grateful to the Université de Bourgogne in Dijon for hosting this conference. We use this occasion to express our thanks to the Technical Committee and to all the external reviewers. We are grateful to Springer for co-sponsoring the event. Finally, we would like to thank all the participants and sponsors.

Hocine Cherifi

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