

Advances in Intelligent Systems and Computing

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Preface

This book contains a selection of papers accepted for presentation and discussion at The 2014 World Conference on Information Systems and Technologies (WorldCIST'14). This Conference had the cooperative support of AISTI (Iberian Association for Information Systems and Technologies/Associação Ibérica de Sistemas e Tecnologias de Informação) and IEEE Portugal Section. It took place between the 15th and 18th of April in Funchal, Madeira, Portugal.

The World Conference on Information Systems and Technologies (WorldCIST) is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. One of its main aims is to strengthen the drive towards a holistic symbiosis between academy, society and industry. WorldCIST'14 built on the success of WorldCIST'13, held last year in Olhão, Algarve, Portugal.

The Program Committee of WorldCIST'14 was composed of a multidisciplinary group of experts and those who are intimately concerned with Information Systems and Technologies. They have had the responsibility for evaluating, in a 'blind review' process, the papers received for each of the main themes proposed for the Conference: A) Information and Knowledge Management (IKM); B) Organizational Models and Information Systems (OMIS); C) Intelligent and Decision Support Systems (IDSS); D) Software Systems, Architectures, Applications and Tools (SSAAT); E) Computer Networks, Mobility and Pervasive Systems (CNMPS); F) Human-Computer Interaction (HCI); G) Health Informatics (HIS); H) Information Technologies in Education (ITE).

WorldCIST'14 received contributions from 42 countries around the world. The papers accepted for presentation and discussion at the Conference are published by Springer (this book) and by AISTI (another e-book) and will be submitted to be indexed by ISI, EI, SCOPUS, DBLP and/or EBSCO, among others. Extended versions of best selected papers will be published in relevant journals, including SCI/SSCI and Scopus indexed journals, and in a SCI series book.

We acknowledge all those who contributed to the staging of WorldCIST14 (authors, committees and sponsors); their involvement and support is very much appreciated.

Madeira, April 2014

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