Preface

This book includes extended versions of a set of selected papers from CLOSER 2015 (the 5th International Conference on Cloud Computing and Services Science), held in Lisbon, Portugal, in 2015, organized and sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC). This conference was held in cooperation with the Association for Computing Machinery - Special Interest Group on Management Information Systems and Turism of Lisbon. The papers were peer reviewed to the professional and scientific standards expected of a proceedings journal published by Springer. Papers were assessed according to the journal's peer review policy, which judges papers on aspects including scientific merit (notably scientific rigor, accuracy, and correctness), clarity of expression, and originality.

The technical program of CLOSER 2015 covered areas such as "Cloud Computing Fundamentals," "Services Science Foundation for Cloud Computing," "Cloud Computing Platforms and Applications," "Cloud Computing Enabling Technology," and "Mobile Cloud Computing and Services." We expect that these proceedings will appeal to a broad audience of engineers, scientists, and business people interested in cloud computing and service systems. We further believe that the papers in these proceedings demonstrate new and innovative solutions, and highlight technical problems in the aforementioned areas that are challenging and worthwhile.

The conference was also complemented with the second edition of the Emerging Software as a Service and Analytics Workshop — EsaaSA 2015 (co-chaired by Victor Chang, Muthu Ramachandran, Gary Wills, Robert Walters, Verena Kantere, and Chung-Sheng Li).

CLOSER 2015 received 146 paper submissions from all continents. From these, 23 papers were published and presented as full papers, 64 were accepted as short papers. These numbers, leading to a full-paper acceptance ratio of 15.8 % and an oral paper acceptance ratio of 60 %, show the intention of preserving a high-quality forum for the next editions of this conference.

The high quality of the CLOSER 2015 program was enhanced by five keynote lectures, delivered by experts in their fields, including: Victor Chang (Leeds Beckett University, UK), who delivered a keynote entitled "Cloud Computing and Big Data Can Improve the Quality of Our Life;" Paolo Traverso (Center for Information Technology - IRST (FBK-ICT), Italy) delivered a keynote on "Change Alone Is Unchanging - Continuous Context-Aware Adaptation of Service-Based Systems for Smart Cities and Communities;" Omer Rana (Cardiff University, UK) gave a keynote entitled "In-transit Analytics on Distributed Clouds - Applications and Architecture;" Chung-Sheng Li (IBM, USA) with a keynote entitled "At Scale Enterprise Computing;" and Cornel Klein (Siemens AG, Germany) with the keynote "Software and Systems Architecture for Smart Vehicles."

This book contains 15 papers from CLOSER 2015, which have been selected, extended, and thoroughly revised.

We wish to thank all those who supported and helped to organize the conference. On behalf of the conference Organizing Committee, we would like to thank the authors, whose work mostly contributed to a very successful conference, the keynote lecturers, and the members of the Program Committee, whose expertise and diligence were instrumental in ensuring the quality of the final contributions. We also wish to thank all the members of the Organizing Committee whose work and commitment were invaluable. Last but not least, we would like to thank Springer for their collaboration in getting this book to print.

May 2015   Markus Helfert
                                                                                                              Donald Ferguson
                                                                                                      Víctor Méndez Muñoz

Springer