FOREWORD

This book contains the proceedings of the 9th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2014), which was organized and sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC). The 2014 edition of ENASE was technically co-sponsored by IEEE Computer Society and by IEEE Technical Council on Software Engineering (TCSE). The conference was held in Lisbon, Portugal 28 - 30 April, 2014.

The purpose of the 9th ENASE was to continue its mission of being a prime international forum to discuss and publish research findings and IT industry experiences with relation to evaluation of novel approaches to software engineering. ENASE conferences advance knowledge and research in software engineering, identify most hopeful trends and propose new directions for consideration by researchers and practitioners involved in large-scale software development and integration.

ENASE 2014 received 58 paper submissions from 28 countries in all continents. A double-blind review process was used to evaluate the papers with the help of 59 experts from the international program committee. At the end, 8 papers were selected to be published and presented as full papers in 30 minutes oral presentations. Additionally, 11 papers describing work-in-progress were selected as short papers for 20 minutes oral presentations. Furthermore, 9 papers were admitted for presentations in a poster session. Accordingly, the full-paper acceptance ratio was 14%, and the total oral-presentation paper acceptance ratio was 34%. Those ratios denote a high level of quality, which we intend to maintain in the next editions of this conference while doing our best to increase the number of submitted contributions.

The ENASE 2014 was held in conjunction with the 16th International Conference on Enterprise Information Systems (ICEIS 2014) conference. The high quality of the programmes of the two conferences was enhanced by five world-class keynote lecturers, namely: Hans-J. Lenz (Freie Universitat Berlin, Germany), Kecheng Liu (University of Reading, United Kingdom), Jan Dietz (Delft University of Technology, Netherlands), Antoni Olivé (Universitat Politècnica de Catalunya, Spain), and José Tribolet (INESC-ID/Instituto Superior Técnico, Portugal).

Besides this proceedings edited by SCITEPRESS, a post-conference book will be compiled with extended versions of the conference’s best papers, and published by Springer-Verlag. Appropriate indexing has been arranged for the proceedings of ENASE 2014 including Thomson Reuters Conference Proceedings Citation Index (ISI), SciVerse Scopus, INSPEC, DBLP, EI (Elsevier Index). Furthermore, all presented papers are available at the SCITEPRESS Digital Library.

The best contributions to the conference and the best student submissions were distinguished with awards based on the best combined marks of paper reviewing, as assessed by the
Program Committee, and the quality of the presentation, as assessed by session chairs at the conference venue.

Building an interesting and successful program for the conference required the dedicated effort of many people. Firstly, we must thank the authors, whose research and development efforts are recorded here. Secondly, we thank the members of the program committee and additional reviewers for their diligence and expert reviewing. We also wish to include here a word of appreciation for the excellent organization provided by the conference secretariat, from INSTICC, which has smoothly and efficiently prepared the most appropriate environment for a productive meeting and scientific networking. Last but not least, we thank the invited speakers for their invaluable contribution and for taking the time to synthesize and deliver their talks.

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