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Evaluation of Novel Approaches to Software Engineering

10th International Conference, ENASE 2015
Barcelona, Spain, April 29–30, 2015
Revised Selected Papers

Springer
Preface

The present book includes extended and revised versions of a set of selected papers from the 10th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2015), held in Barcelona, Spain, during 29–30 April, 2015, which was sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC) and technically co-sponsored by the IEEE Computer Society and IEEE Computer Society’s Technical Council on Software Engineering (TCSE).

The mission of ENASE (Evaluation of Novel Approaches to Software Engineering) is to be a prime international forum in which to discuss and publish research findings and IT industry experiences with relation to the evaluation of novel approaches to software engineering. The conference recognizes the necessary changes in systems and software thinking due to contemporary shifts of computing paradigms to e-services, cloud computing, mobile connectivity, business processes, and societal participation.

By comparing novel approaches with established traditional practices and by evaluating them against systems and software quality criteria, ENASE conferences advance knowledge and research in software engineering, including and emphasizing service-oriented, business-process driven, and ubiquitous mobile computing. ENASE aims at identifying the most hopeful trends and proposing new directions for consideration by researchers and practitioners involved in large-scale systems and software development, integration, deployment, delivery, maintenance, and evolution.

ENASE 2015 received 74 submissions, from 33 countries in all continents, of which 40 % were orally presented and 16 % presented as posters, and their authors were invited to submit extended versions of their papers for this book. In order to evaluate each submission, double-blind reviewing was performed by the Program Committee. Finally, only the best 10 papers were included in this book.

We would like to highlight that ENASE 2015 also had four plenary keynote lectures, given by internationally distinguished researchers, namely: George Giaglis (Athens University of Economics and Business, Greece), Witold Staniszkis (Rodan Development, Poland), Martin Mocker (MIT, USA and Reutlingen University, Germany), and Nuria Oliver (Telefonica Research, Spain). We must acknowledge the invaluable contribution of all keynote speakers who, as renowned researchers in their areas, have presented cutting-edge work, thus contributing to the scientific content of the conference.

We especially thank the authors, whose research and development efforts are recorded here. The knowledge and diligence of the reviewers were essential to ensure the quality of the papers presented at the conference and published in this book. Finally, a special thanks to all members of the INSTICC team, whose involvement was fundamental for organizing a smooth and successful conference.

April 2015

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