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Software Technologies

11th International Joint Conference, ICSOFT 2016
Lisbon, Portugal, July 24–26, 2016
Revised Selected Papers

Springer

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Preface

The present book includes extended and revised versions of a set of selected papers from the 11th International Joint Conference on Software Technologies (ICSOFT 2016), held in Lisbon, Portugal, during 24–26 July, 2016.

ICSOFT 2016 received 84 paper submissions from 26 countries, of which 19% are included in this book. The papers were selected by the event chairs and their selection is based on a number of criteria that include the classifications and comments provided by the Program Committee members, the session chairs' assessment and also the program chairs' global view of all papers included in the technical program. The authors of selected papers were then invited to submit a revised and extended version of their papers having at least 30% innovative material.

The purpose of ICSOFT is to bring together researchers, engineers, and practitioners working in areas that are either related to new software paradigm trends or to mainstream software engineering and applications. ICSOFT is composed of two co-located conferences, each specialized in the aforementioned areas. Together, ICSOFT-EA and ICSOFT-PT aim at becoming a major meeting point for software engineers worldwide.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research on software technologies, including:

- Modelling for mobile devices
- Software and system testing
- Model-driven software development
- Reengineering systems for multi-tenancy
- Embedded and real-time systems reconfiguration
- Domain-specific languages and modelling
- Software and systems quality
- Context-aware and dynamically adapting software systems

We would like to thank all the authors for their contributions and the reviewers who have helped ensure the quality of this publication.

February 2017

Enrique Cabello
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