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Marten van Sinderen · Leszek A. Maciaszek (Eds.)

Software Technologies

13th International Conference, ICSOFT 2018
Porto, Portugal, July 26–28, 2018
Revised Selected Papers

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Preface

The present book includes extended and revised versions of a set of selected papers from the 13th International Conference on Software Technologies (ICSOFT 2018), held in Porto, Portugal, during 26–28 July, 2018.

ICSOFT 2018 received 130 paper submissions from 28 countries, of which 14% 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% new material.

The purpose of the ICSOFT conferences, including its 13th edition in 2018, is to bring together researchers, engineers, and practitioners interested in software technologies. The conference solicits papers and other contributions in themes ranging from software engineering and development via showcasing cutting edge-software systems and applications to addressing foundational innovative technologies for systems and applications of the future. The papers were presented in one of three conference areas: "Software Engineering and Systems Development", "Software Systems and Applications", and "Foundational and Trigger Technologies".

The papers included in this book align with the purpose of ICSOFT conferences, with the following main topics covered: software quality (11, 19), empirical software engineering (7, 10), software testing (8, 12, 17), requirements engineering (13, 18), software development (3, 5, 16), software architecture (2, 4, 6), and model transformation and refinement (9, 14).

We would like to thank all the authors for their contributions and the reviewers for ensuring the quality of this publication.

July 2018   Marten van Sinderen
                                                                          Leszek Maciaszek

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