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Hans-Georg Fill · Marten van Sinderen ·
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Software Technologies

17th International Conference, ICSOFT 2022
Lisbon, Portugal, July 11–13, 2022
Revised Selected Papers



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Preface

The present book includes extended and revised versions of a set of selected papers from the 17th International Conference on Software Technologies (ICSOFT 2022), held in Lisbon, Portugal, from 11–13 July 2022.

ICSOFT 2022 received 102 paper submissions from 33 countries, of which 10% were 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 the International Conference on Software Technologies is to bring together researchers, engineers and practitioners interested in software technologies. The conference areas are “Software Engineering and Systems Development”, “Software Systems and Applications” and “Foundational and Trigger Technologies”.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research on Software Technologies, including: Data Mining and Data Analysis, Empirical Software Engineering, Cybersecurity Technologies, Application Software, Decision Support Systems, Open-Source Development, Quality Management, Software Engineering Tools, Testing and Testability and Data-Driven Software Engineering.

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

July 2022

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