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Knowledge Discovery, Knowledge Engineering and Knowledge Management

10th International Joint Conference, IC3K 2018
Seville, Spain, September 18–20, 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 10th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2018), held in Seville, Spain, September 18–20, 2018.

IC3K 2018 received 167 paper submissions from 44 countries, of which 18% were included in this book. The papers were selected by the event chairs and their selection was 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 IC3K is to bring together researchers, engineers, and practitioners working in the areas of Knowledge Discovery, Knowledge Engineering, and Knowledge Management. IC3K is composed of three colocated conferences, each specialized in at least one of the aforementioned main knowledge areas.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research on Knowledge Discovery, Knowledge Engineering, and Knowledge Management. They include the ongoing extension of application areas of ontologies, the quality assessment of ontological models, and a focus on formalization.

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

September 2018

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