

Preface

The present book includes extended and revised versions of a set of selected papers from the 12th International Conference on Web Information Systems and Technologies (WEBIST 2016), held in Rome, Italy, April 23–25, 2016.

WEBIST 2016 received 123 paper submissions from 35 countries, of which 7% 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 of the presentation and discussion quality, 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. Extended papers have at least 30% innovative material and ought to be revised based on the discussions at the conference.

The purpose of the 12th International Conference on Web Information Systems and Technologies (WEBIST) was to bring together researchers, engineers and practitioners interested in the technological advances and business applications of web-based information systems. The conference had five main tracks, covering different aspects of Web Information Systems, including Internet Technology, Web Interfaces and Applications, Society, e-Communities, e-Business, Web Intelligence and Mobile Information Systems.

The papers selected to be included in this book contribute to the understanding of relevant trends of current research on Web Information Systems and Technologies, comprising:

- recommender systems,
- sentiment analysis,
- ranking, and
- Web applications and Web architecture.

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