

Preface

The papers in this volume were presented at the 11th International Conference on Algorithmic Aspects in Information and Management (AAIM 2016), held during July 18–20, 2016, at the Università degli Studi di Bergamo, Bergamo, Italy. It was the first time the AAIM conference series was held in Europe, the third continent to host AAIM after Asia and America.

The objective of the annual AAIM meetings is (a) to provide an international forum on current trends of research on algorithms, data structures, operation research, and combinatorial optimization and their applications, (b) to stimulate the various fields for which algorithmics can become a crucial enabler, and (c) to strengthen the ties between the Eastern and Western research communities of algorithmics and applications.

Previous AAIM meetings were held in Xian, Hong Kong, Portland, Shanghai, San Francisco, Weihai, Jinhua, Beijing, Dailan, and Vancouver. From the very first AAIM meeting, proceedings have been published in the LNCS series, as volumes 3521, 4041, 4508, 5034, 5564, 6124, 6681, 7285, 7924, and 8546.

The conference program included 18 contributed papers and two invited talks: one by Roberto Grossi from Università di Pisa on “Network Analytics via Pattern Discovery,” and the other by Stéphane Vialette from Université Paris-Est on “Unshuffling Words and Permutations.” A total of 41 papers were submitted, from 18 different countries (Australia, Canada, China, France, Germany, Greece, Italy, Norway, Oman, Poland, Portugal, Slovakia, Sweden, Taiwan, Tunisia, Turkey, UK, and USA), out of which 18 were accepted, corresponding to an acceptance ratio of 43.9 %. The papers were evaluated by an international Program Committee overseen by the Program Committee co-chairs: Riccardo Dondi, Guillaume Fertin, and Giancarlo Mauri. Each paper was evaluated by at least three Program Committee members, assisted in some cases by additional reviewers. We thank the members of the Program Committee and all the additional external reviewers (whose names are listed later in these proceedings) for their thorough evaluation of the submitted papers and for the fruitful discussion that preceded the final choice of accepted papers. This led to establishing a scientific program of high quality. A special issue of *Theoretical Computer Science* is planned for extended versions of a selection of the papers presented at this year’s meeting.

The whole submission and review process was handled electronically via the EasyChair conference system. We thank everyone who contributed to making the meeting a success, the invited speakers, the authors, the Program Committee members, and external reviewers. We thank the Steering Committee for supporting Bergamo as the site for AAIM 2016 and for their help in different issues.

Finally, we thank the Università degli Studi di Bergamo and the Italian Chapter for Theoretical Computer Science for their support, and the local organizers for their assistance.

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