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Preface

This volume contains the papers presented at the 14th International Frontiers of Algorithmics Workshop (FAW 2020), held during October 19–21, 2020, at Hainan University in Haikou, China. Due to COVID-19, the whole conference was conducted online. In order to conduct a real-time, interactive online conference, we arranged three half-day programs where each day started with a keynote talk, followed by one session consisting of four talks.

The workshop provides a forum on current trends of research in algorithms, discrete structures, and their applications, and brings together international experts at the research frontiers in these areas to exchange ideas and to present new results.

The Program Committee, consisting of 30 top researchers from the field, reviewed 15 submissions and decided to accept 12 papers. Each paper had three reviews, with additional reviews solicited as needed. The review process was conducted entirely electronically via EasyChair. We are grateful to EasyChair for allowing us to handle the submissions and the review process, and to the Program Committee for their insightful reviews and discussions, which made our job easier.

The best paper goes to “Minimizing Energy on Homogeneous Processors with Shared Memory,” authored by Vincent Chau, Chi Kit Ken Fong, Shengxin Liu, Elaine Yinling Wang, and Yong Zhang.

Besides the regular talks, the program also included three keynote talks by Evripidis Bampis (Sorbonne Université, France), Xujin Chen (Chinese Academy of Sciences, China), and Kazuhisa Makino (Kyoto University, Japan). We are very grateful to all the people who made this meeting possible: the authors for submitting their papers, the Program Committee members and external reviewers for their excellent work, and the three keynote speakers. We also thank the Steering Committee for providing timely advice for running the conference. In particular, we would like to thank Hainan University, China, for providing organizational support and maintaining the conference website, and the City University of Hong Kong, Hong Kong, for hosting the conference website. Finally, we would like to thank the members of the Editorial Board of *Lecture Notes in Computer Science* and the editors at Springer for their encouragement and cooperation throughout the preparation of this conference.

July 2020

Minming Li

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