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Mingyu Xiao · Frances Rosamond (Eds.)

Frontiers in Algorithmics

11th International Workshop, FAW 2017
Chengdu, China, June 23–25, 2017
Proceedings

Springer

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ISSN 0302-9743 ISSN 1611-3349 (electronic)
Lecture Notes in Computer Science
ISBN 978-3-319-59604-4 ISBN 978-3-319-59605-1 (eBook)
DOI 10.1007/978-3-319-59605-1

Library of Congress Control Number: 2017941503

LNCS Sublibrary: SL1 – Theoretical Computer Science and General Issues

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The registered company is Springer International Publishing AG
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

Preface

This volume contains the papers presented at FAW 2017: the 11th International Frontiers of Algorithmics Workshop, held during June 23–25, 2017, in Chengdu, China. The workshop brings together researchers working on all aspects of theoretical computer science and algorithms.

FAW 2017 was the 11th conference in the series. The previous ten meetings were held during August 1–3, 2007, in Lanzhou, June 19–21, 2008, in Changsha, June 20–23, 2009, in Hefei, August 11–13, 2010, in Wuhan, May 28–31, 2011, in Jinhua, May 14–16, 2012, in Beijing, June 26–28, 2013, in Dalian, June 28–30, 2014, in Zhangjiajie, July 3–5, 2017, in Guilin, and June 30–July 2, in Qingdao. FAW is already playing an important regional and international role, promising to become a focused forum on current research trends on algorithms seen throughout China and other parts of Asia.

In all, 61 submissions were received from 18 countries and regions: Canada, China, Colombia, France, Germany, Greece, Hong Kong, India, Israel, Japan, Korea, Lebanon, Macao, Malaysia, Norway, Poland, Taiwan, and USA. The FAW 2017 Program Committee selected 24 papers for presentation at the conference. In addition, we had three plenary speakers: John Hopcroft (Cornell University, USA), Michael R. Fellows (University of Bergen, Norway), and Matthew Katz (Ben-Gurion University of The Negev, Israel). We express our sincere thanks to them for their contributions to the conference and proceedings.

We would like to thank the Program Committee members and external reviewers for their hard work in reviewing and selecting papers. We are also very grateful to all the authors who submitted their work to FAW 2017.

Finally, we wish to thank the editors at Springer and the local organizer, University of Electronic Science and Technology of China, for their support and hard work in the preparation of this conference.

June 2017

Mingyu Xiao
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