

# 17th Scandinavian Symposium and Workshops on Algorithm Theory

SWAT 2020, June 22–24, 2020, Tórshavn, Faroe Islands

Edited by

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## ■ Preface

The Scandinavian Symposium and Workshops on Algorithm Theory (SWAT, formerly the Scandinavian Workshop on Algorithm Theory) has been held every two years beginning in 1988. It alternates with its sister conference, the Algorithms and Data Structures Symposium (WADS), which is usually offered in Canada. This year marks the 17th SWAT, and for the first time the symposium is hosted on Faroe Islands.

A total of 118 papers were submitted to the conference, four of which were withdrawn. Among the remaining 114 papers, the program committee selected 34 for presentation at the conference. In addition, the conference program featured two invited lectures, given by Fedor Fomin (University of Bergen) and Jukka Suomela (Aalto University). Accompanying extended abstracts are also contained in the proceedings.

I would like to thank the program committee and the subreviewers for their great effort. For almost all of the papers, extensive and detailed evaluations were submitted. The program committee consisted of Peyman Afshani (Aarhus University), Susanne Albers (chair; Technical University of Munich), Per Austrin (KTH Royal Institute of Technology), Sayan Bhattacharya (University of Warwick), Joan Boyar (University of Southern Denmark), Parinya Chalermsook (Aalto University), Timothy Chan (University of Illinois at Urbana-Champaign), Faith Ellen (University of Toronto), Travis Gagie (Dalhousie University), Naveen Garg (Indian Institute of Technology Delhi), Fabrizio Grandoni (IDSIA, University of Lugano), Roberto Grossi (University of Pisa), Pinar Heggernes (University of Bergen), Thore Husfeldt (Lund University and IT University of Copenhagen), Telikepalli Kavitha (Tata Institute of Fundamental Research), Yusuke Kobayashi (Kyoto University), Kasper Green Larsen (Aarhus University), Daniel Lokshantov (University of California, Santa Barbara), Benjamin Moseley (Carnegie Mellon University), Wolfgang Mulzer (Freie Universität Berlin), Seth Pettie (University of Michigan), Michał Pilipczuk (University of Warsaw), Hadas Shachnai (Technion), Michiel Smid (Carleton University), Philipp Woelfel (University of Calgary), Christian Wulff-Nilsen (University of Copenhagen), and Qin Xin (University of the Faroe Islands).

This year's conference was organized by Qin Xin (University of the Faroe Islands) and his team.

The SWAT conference series is guided by a steering committee consisting of Lars Arge (Aarhus University), Magnús M. Halldórsson (chair; Reykjavík University), Andrzej Lingas (Lund University), Jan Arne Telle (University of Bergen), and Esko Ukkonen (University of Helsinki).



