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Sriram Chellappan · Wei Cheng
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Wireless Algorithms, Systems, and Applications

13th International Conference, WASA 2018
Tianjin, China, June 20–22, 2018
Proceedings

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ISSN 0302-9743 ISSN 1611-3349 (electronic)
Lecture Notes in Computer Science
ISBN 978-3-319-94267-4 ISBN 978-3-319-94268-1 (eBook)
<https://doi.org/10.1007/978-3-319-94268-1>

Library of Congress Control Number: 2018947327

LNCS Sublibrary: SL1 – Theoretical Computer Science and General Issues

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This Springer imprint is published by the registered company Springer International Publishing AG
part of Springer Nature
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

Preface

The 13th International Conference on Wireless Algorithms, Systems, and Applications (WASA 2018) was held during June 20–22, 2018, in Tianjin, Hebei, China. The conference is motivated by the recent advances in cutting-edge electronic and computer technologies that have paved the way for the proliferation of ubiquitous infrastructure and infrastructureless wireless networks. WASA is designed to be a forum for theoreticians, system and application designers, protocol developers, and practitioners to discuss and express their views on the current trends, challenges, and state-of-the-art solutions related to various issues in wireless networks.

The technical program of the conference included 59 regular papers together with 18 short papers, selected by the Program Committee from a number of 197 full submissions received in response to the call for papers. All the papers were peer reviewed by the Program Committee members or external reviewers. The papers cover various topics, including cognitive radio networks, wireless sensor networks, cyber-physical systems, distributed and localized algorithm design and analysis, information and coding theory for wireless networks, localization, mobile cloud computing, topology control and coverage, security and privacy, underwater and underground networks, vehicular networks, Internet of Things, information processing and data management, programmable service interfaces, energy-efficient algorithms, system and protocol design, operating system and middle-ware support, and experimental test-beds, models, and case studies.

We would like to thank the Program Committee members and external reviewers for volunteering their time to review and discuss conference papers. We would like to extend our special thanks to the steering and general chairs of the conference for their leadership, and to the publication, publicity, and local chairs for their hard work in making WASA 2018 a successful event. Last but not least, we would like to thank all the authors for presenting their works at the conference.

May 2018

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