Preface

The 12th International Conference on Wireless Algorithms, Systems, and Applications (WASA 2017) was held during June 19–21, 2017, in Guilin, Guangxi, 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 70 regular papers together with nine short papers, selected by the Program Committee from 238 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 the 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 special thanks to the steering and general chairs of the conference for their leadership, and to the finance, publication, publicity, and local chairs for their hard work in making WASA 2017 a successful event. Last but not least, we would like to thank all the authors for presenting their works at the conference.

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