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# Wireless Algorithms, Systems, and Applications

15th International Conference, WASA 2020  
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Proceedings, Part II

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# Preface

The 15th International Conference on Wireless Algorithms, Systems, and Applications (WASA 2020) was held virtually during September 13–15, 2020. The conference focused on new ideas and recent advances in computer systems, wireless networks, distributed applications, and advanced algorithms that are pushing forward the new technologies for better information sharing, computer communication, and universal connected devices in various environments, especially in wireless networks. WASA has become a broad forum for computer theoreticians, system and application developers, and other professionals in networking related areas to present their ideas, solutions, and understandings of emerging technologies and challenges in computer systems, wireless networks, and advanced applications.

The technical program of WASA 2020 consisted of 67 regular papers and 14 short papers, selected by the Program Committee from 216 full submissions in response to the call for papers. All submissions were reviewed by the Program Committee members. These submissions cover many hot research topics, including machine learning algorithms for wireless systems and applications, Internet of Things (IoTs) and related wireless solutions, wireless networking for cyber-physical systems (CPSs), security and privacy solutions for wireless applications, blockchain solutions for mobile applications, mobile edge computing, wireless sensor networks, distributed and localized algorithm design and analysis, wireless crowdsourcing, mobile cloud computing, vehicular networks, wireless solutions for smart cities, wireless algorithms for smart grids, mobile social networks, mobile system security, storage systems for mobile applications, etc. First, we would like to thank all Program Committee members for their hard work in reviewing all submissions. Furthermore, we would like to extend our special thanks to the WASA Steering Committee for their consistent leadership and guidance; we also would like to thank the the local chairs (Prof. Feng Li and Prof. Jianbo Li), the publication chairs (Prof. Wei Li, Prof. Yi Liang, and Prof. Xiao Zhang), the publicity chair (Prof. Yanwei Zheng) and the Web chairs (Dr. Cheng Zhang, Dr. Qi Luo, and Dr. Jinfeng Dou) for their hard work in making WASA 2020 a success. In particular, we would like to thank all the authors for submitting and presenting their exciting ideas and solutions at the conference.

August 2020

Xiuzhen Cheng  
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