

Preface

The 10th edition of the International Conference on Wireless Algorithms, Systems, and Applications (WASA 2015) was held during August 10–12, 2015, at Qufu, Shandong, 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 36 contributed papers together with 42 invited papers, selected by the Program Committee from a number of 133 full submissions received in response to the call for papers.

The papers of WASA 2015 cover various topics, including cognitive radio networks, cyber-physical systems, distributed and localized algorithm design and analysis, information and coding theory for wireless networks, localization, topology control and coverage, underwater and underground networks, vehicular networks, PHY/MAC/routing protocols, information processing and data management. Emerging topics were also discussed at WASA 2015, including: mobile cloud computing, security and privacy, radar and sonar networks, programmable service interfaces, energy-efficient algorithms, systems and protocol design, operating system and middleware support, and experimental testbeds, 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 Committee and general chairs of the conference for their leadership, and to the finance, publication, publicity, Web, and local organization chairs for their hard work in making WASA 2015 a successful event.

Last but not least we would like to thank all authors for presenting their work at the conference.

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