

## Preface

In 2014, the 13th International Conference on Ad-hoc Networks and Wireless (ADHOC-NOW) was accompanied by a workshop program consisting of six workshops, covering various topics in connection with ADHOC-NOW:

- The 2nd International Workshop on Emerging Technologies for Smart Devices (ETSD 2014) focused on 5G technologies, smart devices, and Internet of Things.
- The 2nd International Workshop on Marine Sensors and Systems (MARSS 2014) focused on emerging aspects pertaining to the new mechanisms for underwater sensor networks and applications.
- Multimedia Wireless ad hoc Networks 2014 (MWaoN 2014) focused on 4G multimedia services, efficient multicast communications, routing techniques, and cross-layer solutions as well as performance evaluations of multimedia services over wireless ad hoc and sensor networks.
- Security in Ad Hoc Networks (SecAN 2014) focused on topics of security in ad hoc networks: authentication and reliability, behavior and performance analysis, defense and detection of non-legitimate activities, active response and tolerance schemes, distributed security solutions, modeling, and validation.
- The 2nd Smart Sensor Protocols and Algorithms (SSPA 2014) focused on the design, development, analysis, or optimization of smart sensor protocols or algorithms, including artificial intelligence techniques for network management, network monitoring, quality of service enhancement, performance optimization.
- The 8th International Workshop on Wireless Sensor, Actuator and Robot Networks (WiSARN 2014) focused on the design, specification, and implementation of architectures, algorithms, and protocols for current and future applications of wireless sensor and actor networks, which are the confluence point where the traditional fields of wireless sensor networks (WSNs), robot networks, and control theory meet.

The commonality of these workshops is that they all cover aspects of ad hoc networking and wireless connectivity, which is the larger scope of the ADHOC-NOW conference. However, each workshop targets a specific aspect and/or field of application, which gives the participants a certain focus and the possibility of closer interaction. The ADHOC-NOW workshops attracted overall 59 submissions. A total of 25 papers were accepted for presentation after individual reviews by the respective Workshop Chairs and Program Committee members. The selected papers were compiled and distributed electronically to the workshop participants and presented in the workshops track of the ADHOC-NOW conference held in Benidorm, Spain, during June 22–27, 2014.

After the presentation in the workshops, the authors were given the opportunity to revise and update their papers in order to incorporate comments and suggestions from the discussions in the workshops. This volume contains the final (post-)proceedings of all ADHOC-NOW workshop papers and complements the proceedings of the ADHOC-NOW main conference, which also appeared in this series (LNCS 8487).

We would like to thank the Workshop Chairs for their ideas and their work to set up an interesting workshop program, and the Program Committee for their reviewing efforts. Last but not least, we thank the Springer team for their continuing support during all phases from submission to publication.

July/August 2014

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Ad-hoc Networks and Wireless

ADHOC-NOW 2014 International Workshops, ETSD, MARSS,  
MWaoN, SecAN, SSPA, and WiSARN, Benidorm, Spain, June  
22--27, 2014, Revised Selected Papers

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2015, XV, 318 p. 145 illus., Softcover

ISBN: 978-3-662-46337-6