

# Preface

The EAI International Conference on Ad Hoc Networks (AdHocNets) is a major annual international event in the ad hoc networking community. This year's AdHocNets conference was held in Ottawa, Ontario, Canada. The aim of the AdHocNets conferences is to provide a forum to bring together researchers from academia and industry as well as government to meet and exchange ideas and discuss recent research work on all aspects of ad hoc networking.

Over the last decade, many efforts have been devoted to this area, producing enormous contributions addressing the fundamental issues of ad hoc networking including modeling, protocol and algorithm design, and security architectures and mechanisms etc. Recently, the implementation of ad hoc networking has been growing substantially, and we believe that it is time to invest greater research efforts into addressing the challenges related to real and commercial applications, and bring the huge potentials of ad hoc networking and years of research and development beyond experiments and laboratories.

The conference included a number of general sessions with regular papers as well as invited papers from renowned researchers in the field. The invited papers provide visions, trends, challenges, and opportunities in the area of ad hoc networking and emerging applications. The conference also featured two workshops on ad hoc network security and vulnerability, and convergence of wireless directional network systems and software defined networking, respectively. This volume of LNICST includes all the technical papers presented at AdHocNets 2016. It is our hope that the proceedings will be a useful and timely reference for researchers in their effort to understand the real-world challenges for ad hoc networking, and to develop innovative solutions in addressing these challenges.

September 2016

Yifeng Zhou  
Thomas Kunz  
Stefan Fischer  
Zhangdui Zhong  
Marc St-Hilaire

Ad Hoc Networks

8th International Conference, ADHOCNETS 2016,  
Ottawa, Canada, September 26-27, 2016, Revised  
Selected Papers

Zhou, Y.; Kunz, Th. (Eds.)

2017, XIV, 416 p. 176 illus., Softcover

ISBN: 978-3-319-51203-7