

ACM MiSeNet'13 General and Program Chairs' Welcome

It is our great pleasure to welcome you to *The Second ACM Annual International Workshop on Mission-Oriented Wireless Sensor Networking – ACM MiSeNet'13*. The second edition of this year's workshop is the premier forum for presentation of research results and experience reports on leading edge issues of mission-oriented wireless sensor networks, including models, systems, applications, and theory. The mission of the workshop is to understand the major technical and application challenges as well as exchange and discuss scientific and engineering ideas related to architecture, protocols, algorithms, and application design in mission-oriented wireless sensor networks, and identify new directions for future research and development. ACM MiSeNet gives researchers and practitioners a unique opportunity to share their perspectives with others interested in the various aspects of mission-oriented wireless sensor networking.

The call for papers attracted 12 submissions from Africa, Asia, Canada, Europe, and the United States. The program committee accepted 8 papers that cover a variety of topics, including data delivery in vehicular networking, data aggregation, quality of event assessment, human-machine interactions, graph-based modeling, reachability verification, indoor location fingerprints, and queuing modeling for delay analysis in mission-oriented sensor networks. In addition, the program includes a keynote speech by Prof. Jie Wu on the trajectory optimization for mobile chargers in wireless sensor networks. We hope that these proceedings will serve as a valuable reference for researchers and developers in the area of mission-oriented wireless sensor networking.

First of all, we would like to thank the ACM MobiCom'13 Workshops Chairs, Drs. Moustafa Youssef (Egypt-Japan University of Science and Technology, Egypt) and Raja Bose (Microsoft, USA), for their great support in organizing ACM MiSeNet'13. Also, we are very grateful and thankful to our colleagues, Profs. Tarek Abdelzaher (University of Illinois at Urbana Champaign), Nirwan Ansari (New Jersey Institute of Technology), Xiuzhen Cheng (George Washington University), Sajal K. Das (The University of Texas at Arlington), Zygmunt J. Haas (Cornell University), David B. Johnson (Rice University), Thomas F. La Porta (Penn State University), Stephan Olariu (Old Dominion University), Jie Wu (Temple University), Guoliang Xue (Arizona State University), and Mohamed Younis (University of Maryland Baltimore County), who gladly served on the steering committee of ACM MiSeNet'13. Special thanks go to Cindy Edwards and Lisa Tolles for organizing the paperwork at ACM to initiate the ACM-Sheridan Proceedings Service and taking care of processing the papers in a timely manner.

Putting together *ACM MiSeNet'13* was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee, who worked very hard in reviewing papers and providing feedback for authors. Finally, we thank our sponsor, ACM SIGMOBILE, and our generous supporters, Prof. Thomas F. La Porta (Director of the Networking and Security Research Center, Penn State University), Dr. John J. Cristiano (Director of the University of Michigan-Dearborn Henry W. Patton Center for Engineering Education and Practice (UM-Dearborn HP-CEEP)), and Prof. William I. Grosky (Chair of the Department of Computer and Information Science at the University of Michigan-Dearborn), for supporting *ACM MiSeNet'13* with generous funding.

We hope that you will find this program interesting and thought-provoking and that the ACM MiSeNet'13 workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world. We wish you a wonderful stay in the most beautiful city of Florida, Miami!

Prof. Thomas F. La Porta
ACM MiSeNet'13 General Chair
Penn State University, USA

Prof. Habib M. Ammari
ACM MiSeNet'13 Program Chair
University of Michigan-Dearborn, USA