

# Preface

China Wireless Sensor Network Conference (CWSN) is the annual conference sponsored by China Computer Federation (CCF). The Eighth China Wireless Sensor Network Conference (CWSN2014) was sponsored by CCF, cosponsored by China Computer Federation Technical Committee on Sensor Network, and undertook by Northwest University of China. CWSN is the premier forum which aims to provide a high-level forum to bring together academic researchers, engineering professionals, and industry experts to exchange information, share achievements, and discuss future developments on various topics related to wireless sensor networks, which will highly promote the research and technical innovation in these fields. The papers contained in these proceedings address challenging issues in energy-efficient network infrastructure, network architecture, wireless communication systems and protocols, power control and management, resource management, positioning and location-based services, new models of sensor usage, sensor data storage, retrieval, processing and management, quality of service, fault tolerance and reliability, experience with real-world applications, security and privacy, software development, testing and debugging tools as well as simulation environments, sensor data quality, integrity and trustworthiness, performance modeling and analysis, cyber-physical systems (CPS), as well as Internet of things.

This year, CWSN received 365 submissions. After a thorough reviewing process, 64 English papers were selected for presentation as full papers, with an acceptance rate of 17.07 %. This volume contains 64 English full papers presented at CWSN 2014.

The high-quality program would not have been possible without the authors who chose CWSN 2014 as a venue for their publications. We are also very grateful to the Program Committee members and Organizing Committee members, who put a tremendous amount of effort into soliciting and selecting research papers with a balance of high quality and new ideas and new applications.

We hope that you enjoy reading and benefit from the proceedings of CWSN 2014.

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Papers

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