

Call for papers

Wireless Ad Hoc and Sensor Networks (WAHS) Symposium ICNC 2020

Big Island, Hawaii, USA, Feb 17-20, 2020

<http://www.conf-icnc.org/2020/>

Symposium Co-chairs

Soumaya Cherkaoui, Université de Sherbrooke, Canada, soumaya.cherkaoui@usherbrooke.ca

Feng Yan, Southeast University, China, feng.yan@seu.edu.cn

Scope

The Wireless Ad Hoc and Sensor Networks Symposium aims to provide an engaging forum for researchers and practitioners to share latest results in wireless ad hoc and sensor networking. We solicit papers that present original, unpublished results in various aspects of ad hoc and sensor networking. Topics include but are not limited to:

- Applications, real-world use cases and experience reports
- Network architectures
- Physical Layer Design
- Medium Access Control
- Routing
- Transport Control
- Cross-Layer Optimization
- Resource Management
- Interference Control and Adaptation
- Real-Time Communication
- QoS
- Time Synchronization
- Energy Efficiency and Harvesting
- Topology Control, Coverage
- Localization
- Data Management, Data Aggregation, Data Dissemination, and Query Processing
- Distributed Algorithms
- Heterogeneous Networks
- 5G Networks
- Industrial Wireless Networks, Industry 4.0
- Standardization for Ad Hoc and Sensor Networks
- Performance Modeling, Optimization, and Evaluation
- Measurement and Simulation Techniques and Tools
- Testbeds and Living Labs
- Cyber-Physical Systems, Internet of Things
- Wireless Networked Control and Applications
- Smart and Connected Communities

- Ultra Reliable Low Latency Communication (URLLC)
- Body Area Networks
- Unmanned Aerial Ad Hoc Networks

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2020/author.htm>

Direct paper submission for this symposium can be found at <http://www.conf-icnc.org/2020/cfp.htm>

Short biography of co-chairs

Soumaya Cherkaoui is a Full Professor at Department of Electrical and Computer Engineering of Université de Sherbrooke, Canada. Since 2005, she has been the Director of INTERLAB, a research Laboratory which conducts research funded both by government and industry. In 2005, she was also appointed Adjunct Full Professor at Lulea University, Sweden. Before joining U. Sherbrooke as a faculty member, she worked for industry as a project leader on projects targeted at the Aerospace Industry. She was a Visiting Professor at the Department of Electrical Engineering of the University of Toronto. In 2006, she was a Visiting Professor at the Centre of Distributed Systems and Software at Monash University, Australia, and in 2012, she was an invited visiting scholar at the University of California at Berkeley. Her research and teaching interests are in Wireless Networks. Particularly, she works on Cyber physical systems, including Vehicular Networks and Smartgrids, Internet of Things (IoT), and Machine-to-Machine Communications.

Feng Yan is Associate Professor with the National Mobile Communications Research Laboratory at Southeast University, China. He obtained his Ph.D. degree in Computer Science and Networks from TELECOM ParisTech, France in 2013. From November 2013 to April 2015, he was a Post-doc researcher with TELECOM Bretagne, France. His current research interests are in the areas of wireless communications and wireless networks, including wireless sensor networks, vehicular networks, heterogeneous network, unmanned aerial vehicle networks