

Call for papers

Wireless Ad Hoc and Sensor Networks Symposium, ICNC 2017

Silicon Valley, USA, January 26-29, 2017

<http://www.conf-icnc.org/2017/>

Symposium Co-chairs

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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 We solicit papers that present original, unpublished results in various aspects of ad hoc and sensor networking.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
- Topology Control
- Localization
- Data Management, Data Aggregation, Data Dissemination, and Query Processing
- Distributed Algorithms
- Heterogeneous Networks
- 5G
- Industrial Wireless 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

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2017/>

Direct paper submission webpage of this symposium can be found at <https://edas.info/N22342>.

Short biography of co-chairs

Nathalie Mitton

Nathalie Mitton received the MSc and PhD. degrees in Computer Science from INSALyon in 2003 and 2006 respectively. She received her Habilitation à diriger des recherches(HDR) in 2011 from Université Lille 1. She is currently an Inria full researcher since 2006 and from 2012, she is the scientific head of the Inria FUN team which is focused on small computing deviceslike electronic tags and sensor networks. Her research interests are mainly focused on self-organization, self-stabilization, energy efficient routing and neighbor discovery algorithms for wireless sensor networks as well as RFID middlewares. She is involved in the set up of the FIT platforms (<http://fit-equipex.fr/>, iot-lab.info), the FP7 Aspire or VITAL projects and in several program and organization committees such as AdHocNow 2016&2015, VTC 2016, InterIoT 2016 & 2015, MobiCom 2015, AdHocNets 2015 and 2014, HPCC 2014, WiMob 2013, MASS 2012 & 2011, etc. She also supervises several PhD students and engineers.

Hongwei Zhang

Hongwei Zhang is an associate professor of computer science at Wayne State University in Detroit, USA. His research focuses on predictable wireless networking for real-time sensing and control systems such as those in smart transportation, smart grid, and industrial automation. His work has been published in high-quality venues of networking, distributed computing, real-time systems, dependable systems, vehicular technology, smart grid, and control theory. His papers have been selected as a Spotlight Paper of the IEEE Transactions on Mobile Computing and a Best Paper Candidate for IEEE International Conference on Network Protocols. He has led and/or contributed to several wireless networked systems. He has led the development of the OpenCAV open-innovation infrastructures for connected and automated vehicles, the NetEye wireless sensor network testbed, the Detroit WiMAX/LTE research network, and the federated sensor network infrastructures in GENI; he has also contributed to the development of the Kansei sensor network testbed. These experimental infrastructures have been being used by researchers across the world. His research results and system software have served as foundational elements of the DARPA sensor network systems "A Line in the Sand" and "ExScal" which, with its 200-node 802.11b mesh network and 1,200-node mote network, was the world's largest wireless sensor network and 802.11b mesh network deployed at its time. His work on networked vehicular sensing and control has received the Best Demo Award at the 23rd and 21st GENI Engineering Conference in 2015 and 2014 respectively. He is a recipient of the NSF CAREER Award. He has served on the program and/or organizing committees of several conferences such as ICCPS, IPSN, ICNP, ICDCS, IWQoS, DCOSS, ICC, GLOBECOM, and SRDS. More information about his work can be found from his website at <http://www.cs.wayne.edu/~hzhang/>.