

Call for papers

Wireless Ad Hoc and Sensor Networks Symposium (WAHS)

ICNC 2019

Honolulu, Hawaii, USA, Feb 18-21, 2019

<http://www.conf-icnc.org/2019/>

Symposium Co-chairs

Nicola Marchetti, Trinity College Dublin, Ireland, nicola.marchetti@tcd.ie

Jihong Yu, Simon Fraser University, Canada, jihong-yu@hotmail.com

M. Majid Butt, University of Glasgow, UK, majid.butt@ieee.org

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 We solicit papers that present original, unpublished results in various aspects of ad hoc and sensor networking.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
- 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/2019/author.htm>

Direct paper submission for this symposium can be found at <http://www.conf-icnc.org/2019/cfp.htm>

Short biography of co-chairs

Nicola Marchetti is currently Assistant Professor in Wireless Communications at Trinity College Dublin, Ireland. He performs his research under the Trinity Information and Complexity Labs (TRICKLE) and the Irish Research Centre for Future Networks and Communications (CONNECT). He received the PhD in Wireless Communications from Aalborg University, Denmark in 2007, and the M.Sc. in Electronic Engineering from University of Ferrara, Italy in 2003. He also holds an M.Sc. in Mathematics which he received from Aalborg University in 2010. His collaborations include research projects in cooperation with Nokia Bell Labs and US Air Force Office of Scientific Research, among others. His research interests include Adaptive and Self-Organizing Networks, Complex Systems Science for Communication Networks, PHY Layer, Radio Resource Management. He has authored 110 journals and conference papers, 2 books and 7 book chapters, holds 2 patents, and received 4 best paper awards.

Jihong Yu is currently a research fellow in the School of Computing Science, Simon Fraser University, British Columbia, Canada. He received his Ph.D. degree in computer science at the University of Paris-Sud, Orsay, France, in 2016. His research interests include RFID technologies, wireless communications, and Internet of things. He has published more than 20 peer-reviewed technical papers including IEEE Transactions on Mobile Computing, IEEE Transactions on Communications, IEEE INFOCOM. He has 1 book and holds 1 patent. He has been frequently invited as a reviewer for various international journals and conferences, and served as a TPC member of IEEE ICNC 2018.

M. Majid Butt is an Assistant Professor at University of Glasgow as well as an adjunct Assistant Professor at Trinity College Dublin, Ireland. Before that, he has held senior researcher positions at Trinity College Dublin, Ireland and Qatar University. He is recipient of Marie Curie Alain Bensoussan postdoctoral fellowship from European Research Consortium for Informatics and Mathematics (ERCIM). He held ERCIM postdoc fellow positions at Fraunhofer Heinrich Hertz Institute, Germany, and University of Luxembourg. Dr. Majid's major areas of research interest include communication techniques for wireless networks with focus on radio resource allocation, scheduling algorithms, energy efficiency and cross layer design. He has authored more than 50 peer reviewed conference and journal publications in these areas. He has served as TPC chair for various communication workshops in conjunction with IEEE WCNC, ICUWB, CROWNCOM and IEEE Greencom. He is a senior member of IEEE and serves as an associate editor for IEEE Access journal and IEEE Communication Magazine since 2016.