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IEEE ICC™ 2018

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COMMUNICATIONS FOR CONNECTING HUMANITY

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# CALL FOR PAPERS

# WIRELESS NETWORKING SYMPOSIUM

## Symposium Co-Chairs

Azzedine Boukeche, University of Ottawa, Canada
boukerch@site.uottawa.ca

Frank Li, University of Agder, Norway
frank.li@uia.no

Min Sheng, Xidian University, China
msheng@mail.xidian.edu.cn

Yong Li, Tsinghua University, China
liyong07@tsinghua.edu.cn

## Scope and Topics of Interest

This symposium is to serve as an international forum for experts from academia, industry, and government to exchange ideas and new results on research and development, as well as to promote and accelerate standardization, applications, and services of current and future wireless networks. This symposium invites participation from both academic and industry researchers working in the area of wireless networking technologies, services, architectures, and protocols. The overall goal is to present the latest snapshot of the ongoing research as well as to shed further light on future directions in this space. Authors are invited to submit papers presenting novel technical studies as well as broader position and vision papers comprising hypothetical/speculative scenarios. Topics of interest for the Wireless Networking Symposium include, but are not limited to:

- Cellular systems, 4G, 5G and beyond
- WiMAX, LTE/LTE-A/LTE-A Pro, WMAN, and other emerging broadband wireless networks
- Networking issues in WLAN, WPAN, and other home/personal networking technologies
- D2D communication, LTE-U, NB-IoT
- Body-based wireless networks
- Wireless networks for underwater and UAVs communications
- Delay tolerant wireless networks
- Femtocell networks and traffic offloading
- Wireless mesh networks
- Vehicular wireless networks
- Smart grid networks
- Wireless cloud computing and data center networking
- Machine-to-machine and machine type communications
- Inter-networking and integration of wireless heterogeneous and multi-tier networks
- Reconfigurable wireless networks and SDN
- Novel architectural design and operation models
- Service-centric and overlay networks
- Peer-to-peer wireless networks

- Wireless multimedia networks
- Location- and context-aware services
- End-to-end protocol, flow and congestion control
- Routing and multicasting protocols in multi-hop wireless networks
- Resource management and admission control
- Mobility, handoff, and location management
- Power management and control
- Energy conservation and energy efficient wireless communications.
- User cooperation and incentive schemes
- Cross-layer design and optimization
- Performance analysis and QoS provisioning
- Network planning, capacity analysis, and topology control
- Monitoring, network measurement, and network management
- Fault-tolerance and traffic engineering
- Pricing and billing modeling and solutions
- Testbeds and deployment
- Standardization activities of emerging wireless technologies

## Submission Guidelines

The IEEE ICC 2018 website provides full instructions on how to submit papers & the paper format.

You will select the desired symposium when submitting.

**The paper submission deadline is October 15, 2017.**

Only PDF files will be accepted for the review process and all submissions must be done through EDAS at
http://edas.info/