

# Call for papers

## Wireless Networks Symposium (WN) ICNC 2020

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

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

### Symposium Co-chairs

Zhifeng Zhao, Zhejiang University, China, [zhaozf@zju.edu.cn](mailto:zhaozf@zju.edu.cn)

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### Scope

Wireless networks serve as a critical enabler to empower and promote new technologies and services. The emerging services, in turn, evolve wireless networks in various aspects, such as new topologies, advanced technologies, more efficient protocols, new applications and systems, etc. This symposium will present original work on the research and development of all these new advancements, including the new tools and methodologies for designing and analyzing wireless networks. The scope of this symposium includes, and is not limited to:

- 5G and B5G networks
- Hybrid networks
- Wireless optical communication networks
- Cross layer design
- Smart cities
- Internet of Things
- Security of Wireless Networks
- Energy systems and smart grids
- Resource allocation
- Cyber-physical systems
- Wireless sensor networks
- Mesh networks
- Wireless body area networks
- Wireless LANs
- Wireless personal area networks
- Cognitive radio networks
- Underwater networks
- Personal/Home/Neighborhood area networks
- Ultra-wideband networks
- Femtocell/Picocell networks
- Green wireless networking
- Network architecture
- Network planning

- Capacity analysis
- QoS provisioning
- Mobility, handoff, and location management
- Medium access control
- Routing
- Flow control and congestion control
- Energy-efficient algorithms and protocols
- Multimedia communications over wireless networks
- Traffic modeling and traffic management
- Pricing and billing
- Optimization and game theory for wireless networking
- Privacy & Trust
- Testbed development and deployment
- Wireless networking standards
- Integration of heterogeneous wireless and wireline networks
- Resource allocation
- Network Slicing
- Mobile cloud computing
- Wireless Network-based Localization and Tracking

## 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

**Zhifeng Zhao** is an Associate Professor of the Department of Information and Communication Engineering at Zhejiang University, China. He is also the vice chair of IEEE VTS Nanjing Chapter. He received his Ph.D. degree in communication and information system from PLA University of Science and Technology, in 2002. After his PH.D, he was a Post-Doc Researcher at Zhejiang University. His research focuses on B5G mobile communication system, Intelligent SDN and Collective Intelligence. He served as the TPC member for many international conferences, including the IEEE ISCIT, WCSP, VTC, Ad Hoc Net, WCNC, .

**Mauro Conti** is Full Professor at the University of Padua, Italy. He obtained his Ph.D. from Sapienza University of Rome, Italy, in 2009. After his Ph.D., he was a Post-Doc Researcher at Vrije Universiteit Amsterdam, The Netherlands. He has been Visiting Researcher at GMU (2008), UCLA (2010), UCI (2012, 2013, and 2014), and TU Darmstadt (2013). He has been awarded with a Marie Curie Fellowship (2012) by the European Commission, and with a Fellowship by the German DAAD (2013). His main research interest is in the area of security and privacy. He is Senior Member of the IEEE.

**Lei Chen** is Associate Professor, the Interim Chair and Graduate Program Director for the Department of Information Technology at Georgia Southern University, USA. He received his Ph.D. degree from Auburn University, USA in 2007. His research focuses on cyber and network security, networking and digital forensics. He has chaired and organized workshops with IEEE INFOCOM, IEEE GLOBECOM and ICNC, and served as organizer for other prestigious conferences. He also serves as editor for high impact journals such as Elsevier JNCA. His scholarly activities have been supported by the U.S. National Security Agency and the National Natural Science Foundation of China.

**Xuanli Wu** is an Associate Professor, the associate head for the Department of Communication Engineering at Harbin Institute of Technology, China. He is also the chair of IEEE Harbin VTS Chapter. He received his Ph.D. degree in communication and information system from Harbin Institute of Technology, Harbin, in 2008. He served as the TPC member for many international conferences, including the IEEE ICC, GLOBECOM, VTC, INFOCOM, WCNC, PIMRC. His main research interest is in the area of cooperative communications, ultra-dense networks, physical layer security and non-orthogonal multiple access technology.