



The 1st International Workshop on Smart City Communication and Networking (SmartCityCom 2019)

In conjunction with *ICCCN 2019*

August 1, 2019, Valencia, Spain

Cities worldwide are entering an era, where residents and environments are tightly connected through intelligent technologies for the greater prosperity. In this paradigm, connectivity is the platform and foundation. Current communication and networking solutions cannot support the scalable, heterogeneous, interoperable, energy-efficient, error-free, high-speed, and intelligent connectivity for smart cities. This workshop aims at bringing together researchers, developers, and practitioners to propose visions, insights and solutions to smart cities from the communication and networking perspectives. We welcome recent advances in next generation communications and networking systems, algorithms, theories, protocols, applications, experiments, and testbeds.

Topics:

- Wireless LAN, ad hoc, mesh Networks
- Sensor networks and pervasive Computing
- Security, privacy in communication
- Internet of Things (IoT)
- Social network computing
- City-wide smart communication system
- Software defined network (SDN)
- Vehicle to infrastructure communication (V2I)
- Network function virtualization
- Machine to machine communication (M2M)
- Vehicle to vehicle communication (V2V)
- Interference management
- Scalable wireless solutions
- Mobility handling
- Energy cost control
- AI enabled smart communication
- Modern networking schemes based on emerging communication technologies, WiFi 6, 5G, 6LowPAN, Green Communication, visible light communication, Thread, Sigfox, Neul, et al

Important Dates:

- **Submission Due: March 29, 2019**
- **Notification: May 10, 2019**
- **Camera-ready: May 17, 2019**
- **Workshop: August 1, 2019**

Paper submission:

- IEEE camera-ready format
- Double-column, 10pt font
- 6 pages long

TPC Chairs:

Shuhui Yang, Purdue University Northwest, USA

Besma Smida, University of Illinois at Chicago, USA

TPC members:

Bo Luo, The University of Kansas, USA

Tae-Hoon Kim, Purdue University Northwest, USA

Hamza Soury, University of Illinois at Chicago, USA

Zouheir Rezki, University of Idaho, USA

Mina Guirguis, Texas State University, USA

Wei Li, Chinese Academy of Sciences, China

Xuefeng Xi, Suzhou Uni. of Science and Tech, China

Yu Chen, Binghamton University, USA

Lin Cai, Illinois Institute of Technology, USA

Alexander Schwing, University of Illinois Urbana-Champaign, USA