



The 4rd International Workshop on Smart City Communication and Networking (SmartCityCom 2022)

In conjunction with *ICCCN 2022*
July 28, 2022 Waikiki Beach, Honolulu, HI

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 13th, 2022**
- **Notification: April 24th, 2022**
- **Camera-ready: May 4th, 2022**
- **Workshop: July 28, 2022**

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
- Mina Guirguis, Texas State University, USA
- Wei Li, Chinese Academy of Sciences, China
- Tae-Hoon Kim, Purdue University Northwest, USA
- Xuefeng Xi, Suzhou Uni. of Science and Tech, China
- Yu Chen, Binghamton University, USA
- Lin Cai, Illinois Institute of Technology, USA
- Hamza Soury, University of Illinois at Chicago, USA
- Alexander Schwing, University of Illinois Urbana-Champaign, USA

Submission:

- <http://easychair.org/conferences/?conf=icccn2022>