



# COMCOMAP 2021

Sponsor

Southern University of Science and  
Technology, Shenzhen, China

November 26-28, 2021

<http://ComComAp.net/2021>



## 2021 International Conference on Computing, Communications & IoT Applications

### Organizing Committee

#### Honorary General Chairs:

- Ming Yu, SUSTech, China
- Junfa Mao, SJTU, China
- Wei Hong, SEU, China
- Donglin Su, BUAA, China
- Zhi Ning Chen, NUS, Singapore

#### General Chairs:

- Qingfeng Zhang, SUSTech, China,
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#### Honorary Technical Program Chairs:

#### Chairs:

- Ruidong Li, NIICT, Japan
- Shiwen Mao, AU, USA

#### Technical Program Chairs:

- Yejun He, SZU, China
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#### Local Organization Chairs:

- Qingsha Cheng, SUSTech, China
- Fan Liu, SUSTech, China

#### Publicity Chairs:

- Lei Zhu, UM, China
- Xiuyin Zhang, SCUT, China
- Maozhen Li, BU, UK
- Long Zhang, SZU, China
- Simon Pun, CUHK-Shenzhen, China

#### Publication & Registration Chair:

- Xiaoxiang Hou, SUSTech, China
- Wentao Xu, SUSTech, China
- Jalel Ben-Othman, UVSQ, France
- Sghaier Guizan, AU, SA

#### Track Chairs:

#### Antennas and Microwave/mm-Wave/THz Devices/Circuits:

- Steven Gao, UKC, UK
- Xiaoming Chen, XJTU, China
- Sai-Wai Wong, SEU, China

#### IoT Services and Applications:

- Ashfaq Khokhar, ISU, USA
- Tao Ye, SUSTech, China
- Guangjie Han, HHU, China

#### Wireless Communications, Smart Systems, Cloud/Fog & Big Data:

- Xianbin Wang, UWO, Canada
- Rui Wang, SUSTech, China
- Jie XU, CUHK-Shenzhen, China

#### Security

- Vinay Chamola, PU, India
- Xiaojiang Du, TU, USA
- Nadra Guizani, UT-Arlington, USA

### CALL FOR PAPERS

You are cordially invited to participate in and attend the Computing, Communications and IoT Applications Conference (ComComAp 2021) to be held in Shenzhen, China, on November 26-28, 2021. The conference is to address, explore and exchange information on the state-of-the-art in all types of computing systems, communications, and networking as well as IoT/Engineering applications.

We are interested in visionary, experimental, systems-related and work in-progress papers on the current state of research in Computers, Communications/Networking and IoT/Engineering Applications and related issues. Papers should describe original, previously unpublished work, not currently under review by another conference, workshop, or journal.

#### Topics include (but are not limited to):

#### ANTENNAS AND MICROWAVE/MM-WAVE/THZ DEVICES/CIRCUITS

- Antennas for Mobile Communications
- Antennas for Wireless LAN
- Scattering, Diffraction and Radar Cross Section
- EM Theory and Applications
- Antennas for Ultra High Data Rate Communications
- Propagation Theory and Measurements
- Propagation For Location Based Devices
- Environmental Effects on Radio Propagation
- Antennas and Propagation for Biomedical Apps
- Metasurface Materials and Techniques

#### INTERNET OF THINGS (IoT) SERVICES AND APPLICATIONS

- Next Generation IoT -IoT Security
- IoT Devices/Applications
- IoT QoS and Management-Multimedia over IoT
- IoT over 5G -Vehicular Communications over IoT
- Cooperative IoT Services

#### WIRELESS COMMUNICATIONS, SMART SYSTEMS, CLOUD/FOG & BIG DATA

- Smart Systems: City, Building, Campus
- Smart Grid and Big Data
- Wireless Communications and Networking
- Cloud/Fog Applications -Cyber Physical Systems
- Cloud/Fog Computing -Intelligent Transportation
- Cloud/Fog Communications and Networking
- Smart Sensors -Smart Robot Technologies

#### WIRELESS NETWORKS, & NETWORK SECURITY

- Future Network architecture for IoT
- Access Control in Wireless Networks
- Transmission Optimization
- Blockchain Technology for IoT

- SDN/NVF for Wireless Networks
- Privacy Preserving Mobile Computing
- Resource Management for Wireless Networks
- Security Protection in Space Information Networks
- AI Technology for Wireless Network
- Trust Management in Wireless Networks

### Technical Sponsors



### Important Dates

August 31<sup>st</sup>, 2021

Paper Submission

October 15<sup>th</sup>, 2021

Paper Acceptance

November 1<sup>st</sup>, 2021

Camera-ready

November 1<sup>st</sup>, 2021

Registration

#### Paper Submissions

Please submit an electronic copy of your original full manuscript (not to exceed 6 double-column IEEE formatted pages, including figures, tables, and references) to: <https://edas.info/newPaper.php?c=28774>

Please clearly indicate the corresponding author. Include up to 6 keywords from the above list and an abstract of no more than 350 words. Papers must be submitted in PDF format only via the above EDAS portal. For more information, visit the conference website: <http://ComComAp.net/2021/>

If you have any questions about paper submissions or the program, please contact any of the listed Program Chairs.