

2019 UNSA International Symposium on Communications (UNSA ISCOMM 2019)

March, 28 - 29

Arequipa, Peru

“The Impact of High Speed Communications on Artificial Intelligence-Assisted Society”

CALL FOR PAPERS

UNSA ISCOMM 2019 is the most important event in the field of wireless and wired communications to take place in Arequipa, Peru. It will be hosted by Universidad Nacional San Agustín de Arequipa on March 28–29, 2019. We aim to attract professionals from the academia as well as the industry to share their latest results with the scientific, academic and industrial community in the field of communications technologies. This symposium is organized around the keynote speeches of our award-winning guests. You are eagerly invited to see the details and news at our symposium homepage: <https://www.unsaiscomm.org>.

Arequipa is called the white city and is well-known for its nice weather all year round, colonial downtown, delicious cuisine and touristic attractions nearby.

Papers in all areas of wired and wireless communications and networks are welcomed. Expected topics include, but they are not limited to:

IMPORTANT DATES

Paper submission deadline:

December 15, 2018

Notification of acceptance:

January 31, 2019

Camera-ready submission:

February 28, 2019

Physical layer and Communications theory

- AI-based communications systems
- Channel estimation and modeling
- Modulation techniques
- Multi-carrier schemes
- Interference estimation
- Cognitive radio
- Energy efficient PHY
- Physical layer security
- Ultra wideband
- mmWave
- Massive MIMO
- Antenna design and characterization
- Pulseshape design
- 5G PHY
- IoT PHY

Wired and Wireless Networks

- AI-based networks
- Software-defined wired/wireless networks
- Wireless sensor networks
- Optical networks
- Internet
- Social networks
- QoS and traffic management
- IoT Networks
- Ultra-dense networks
- Multi-RAT networks
- Heterogeneous networks
- Smart cities

Applications

- Visible light communications
- Power line communications
- Satellite communications
- Intelligent transport systems
- Localization and tracking
- M2M communications
- P2P communications

Authors are invited to submit original, 4-6 pages papers written in English and following the IEEE conference format guidelines and the instructions at our webpage. Accepted and presented papers will be published at IEEE Xplore and in the UNSA ISCOMM 2019 Proceedings.

Aiming to encourage undergraduate students' participation, a poster session is also planned. Check our webpage for details.

Further information can be obtained mailing to information@unsaiscomm.org