

4th International Conference on UK - China Emerging Technologies (UCET 2019)

August 21-22, 2019 Glasgow, UK

Technically Sponsored by IEEE Communications Society

General Chairs

John H. Marsh
Bing Zeng

Executive Chairs

Muhammad Ali Imran
Xingang Liu

Technical Program Co-Chairs

Sajjad Hussain
Qammer H. Abbasi
Faisal Tariq

Publication Committee

Supeng Leng, Hadi Heidari, Hasan
T. Abbas, Rami Ghannam

Local Organization Committee

Masood-ur-Rehman, Guodong Zhao
Wasim Ahmad, Ahmed Zoha
Kelum Gamage, Francesco Fioranelli

Publicity Committee

Yifan Chen, Lei Zhang, Julien Le
Kernec, Muhammad Zeeshan Shakir

International Liaison Committee

Feng Gang, Ying Ding
Lianping Hou

Finance Chair

Imran Shafique Ansari

Important Dates

Paper Submission Deadline

14 June 2019

Notification of Acceptance

15 July 2019

Camera-Ready Submission

25 July 2019

Early Registration Deadline

25 July 2019

Regular Registration Deadline

15 August 2019

4th International Conference on UK - China Emerging Technologies (UCET) 2019

As the world is striving towards becoming smarter and ubiquitously connected, there has been an explosive growth of heterogeneous and intelligent devices with ubiquitous connectivity. Communication and Sensing are thus becoming increasingly interweaved and core components of any modern technologies. Both communication and sensing technologies are now having widespread applications beyond communication technologies and playing crucial roles in every aspect of our lives such as healthcare, automation, transport, weather, gaming, education, safety, security and so on.

4th International Conference on UK - China Emerging Technologies (UCET), technically sponsored by IEEE Communications Society, will be held on 21-22 August 2019 at the University of Glasgow, UK. The conference is aimed at providing a platform for sharing ideas among researchers and practitioners from both industry and academia working on the state-of-the-art research and development solutions related to communication and sensing technologies.

Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore.

Topics of interest include but not limited to:

- | | |
|---|---|
| <ul style="list-style-type: none">• Wireless communications• Next generation networks (5G/B5G/6G)• Signal processing for communication• Mobile and wireless networks• Optical networks and systems• Antenna and propagation modelling for 5G and beyond• Millimetre wave channel modelling• Cognitive radio and AI-enabled networks• Communication systems security• Ad hoc and sensor networks• Machine learning for communication and sensing• Wireless Blockchain for IoT and sensor networks• Network slicing and enabling technologies | <ul style="list-style-type: none">• Internet of things (IoTs)• Tactile Internet• Smart grid communications• Satellite and space communication• Green communication• Novel sensing and detection technologies• Wearable and implant communications• Wearable and implant sensor and systems• Sensor fusion and integration• Vision sensing• Intelligent sensing• Sensor applications• Nano-sensor technology and devices• Verticals of communication and sensing• RF sensing• Backscattered communication |
|---|---|

Submission:

Authors are invited to submit original and unpublished papers of either 2-page extended abstracts or maximum 4-page full papers following the standard [IEEE conference proceedings style](#) including figures, tables, and references, in PDF format. Papers should be submitted through EDAS: <https://edas.info/newPaper.php?c=26098>