



Research Institute of  
**Big Data Analytics**  
Xi'an Jiaotong-Liverpool University  
西交利物浦大學

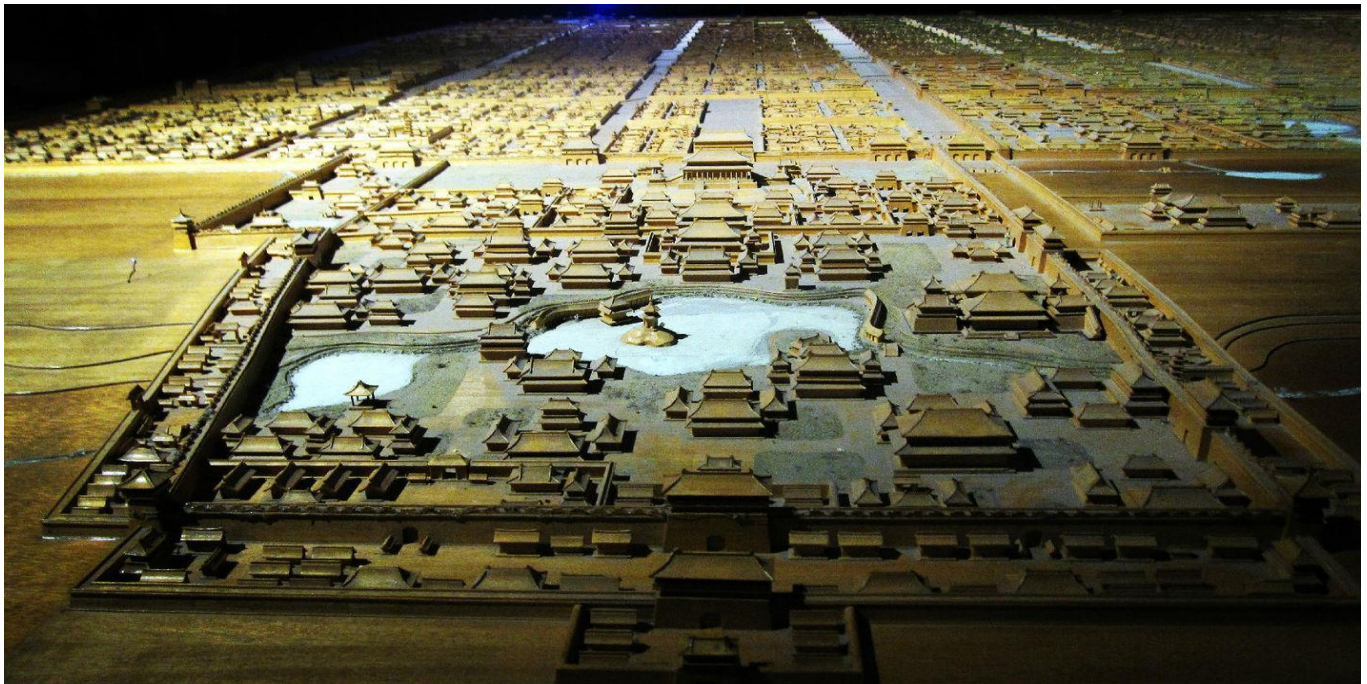


## 2019 2nd International Conference on Electronics and Communication Engineering

Xi'an, China | During December 9<sup>th</sup> to 11<sup>th</sup>, 2019

**2019 2nd** International Conference on Electronics and Communication Engineering ICECE'2019 will be held in Xi'an, China, from December 9th to 11th, 2019. ICECE is sponsored by IEEE and technically supported by Southwest Jiaotong University and the Research Institute of Big Data Analytics (RIBDA) of Xi'an Jiaotong-Liverpool University etc. Accepted papers will be published into conference proceedings by IEEE, and will be included in IEEE Xplore and indexed by Ei Compendex and Scopus.

**ICECE**, under its renewed format, provides a forum for the latest original research achievements and developments in Electronics and Communication Engineering. The idea of the conference is for the scientists, scholars, engineers and students from the Universities all around the world and the industry to present ongoing research activities, and hence to foster research relations between the Universities and the industry.



### History

ICECE 2018 had a great success in Xi'an, China during December 10<sup>th</sup> to 12<sup>th</sup>, 2018, and ICECE'18 proceedings has been indexed by EI Compendex and Scopus!

### Submission Guideline

Full papers should be submitted to the conference technical committee to be considered for publication before the due date. The prepared manuscript should be 4-6 pages, prepared in English and according to the conference template, and submitted as a PDF file via the online submission system. Full instructions are available on the conference website. All accepted and presented full papers, either through oral or poster format, will be published into conference proceedings, and are expected to be indexed by Ei Compendex and Scopus.

## Conference Topics

The Organising Committee of ICECE 2019 invites researchers, practitioners and students worldwide to submit the outcomes of their research for consideration to be presented at the conference. Contributions are encouraged in all fields of Electronics and Communication Engineering, particularly those in the following areas:

### Electrical Engineering

- Smartgrids
- Feedback Control Systems
- Power Electronics and Energy Efficient Drives
- Renewable Power Conversion Technologies
- Instrumentation and Control
- Power Quality Improvement Techniques
- Expert Systems and Artificial Intelligence Techniques

### Computer Science

- Geo-informative Systems
- Pervasive Computing
- Digital Image and Video Processing
- Computer Vision and Image Analysis
- Data Mining and Cloud Computing
- Grid Computing

### Electronics and Communication

- Broad Band Communication
- Computer and Intelligent Communication
- Mobile and Optical Communication
- Wireless Communication
- Mobile and Optical Networks
- Wireless Sensor Networks
- Advanced VLSI Systems
- Embedded Wireless Systems

### Multimedia Transmission

- Channel modeling & simulation
- Channel coding, modulation, multiplexing
- Advanced signal processing for transmission
- MISO and MIMO processing
- Propagation and coverage
- Channel estimation and equalization
- Terrestrial and satellite delivery
- Mobile TV and advanced HD Radio
- Field Trials and test results
- Next generation of broadcasting standards and systems
- 5G: New Radio & New Core
- LTE Advanced Pro
- Antenna technologies
- Making better use of the spectrum

### Multimedia Networking

- IPTV and streaming
- Internet TV and OTT
- LTE eMBMS
- Mood & SC-PTM
- VoD, interactivity, datacasting
- Multimedia NFV & SDN
- Traffic and performance monitoring, congestion control
- Networking and QoS
- Cloud-based multimedia services
- Cloud and Content management

### Important Date

Submission Deadline: Sep 20, 2019

Notification of acceptance: Oct 10, 2019

Early-bird registration deadline: Sep 20, 2019

Registration Deadline: Oct 25, 2019



### Conference General Schedule

Monday, Dec. 9, 2019

10:00-17:00 Pre-conference Registration

Tuesday, Dec.10, 2019

09:00-09:05 Opening Ceremony

09:05-12:00 Keynote Speeches

12:00-13:00 Welcome Lunch

13:15-18:30 Panel & Poster Sessions

18:30-20:00 Closing Dinner

Wednesday, Dec.11, 2019

09:00-17:00 Tour or Academic Visit

### Supported by

- Research Institute, Big Data Analytics (RIBDA) of Xi'an Jiaotong-Liverpool University
- Southwest Jiaotong University, China
- National Taiwan University, Taiwan
- Wayne State University, USA
- Jiangsu University of Science and Technology, China



### Keynote Speakers

Prof. Wenjing Lou, IEEE Fellow, Virginia Polytechnic Institute and State University, USA

Prof. Char-dir Chung, IEEE Fellow, National Taiwan University, Taiwan

### Plenary Speakers

Prof. Yinglei Song, Jiangsu University of Science and Technology, China

Prof. Bo Ai, Beijing Jiaotong University, China

### Contact

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