

16th IEEE Asia Pacific Wireless Communications Symposium (IEEE APWCS 2019)

Singapore University Technology and Design

Singapore, 28 Aug – 30 Aug 2019

<https://apwcs2019.sutd.edu.sg>

CALL FOR PAPERS

The IEEE Vehicular Technology Society (VTS) Japan Chapter, Seoul Chapter, Singapore Chapter and Taipei Chapter are cooperatively hosting this symposium every year. This symposium aims at providing the platform for researchers from the Asia Pacific area to share the fresh results, call for comments or collaborations and exchange innovative ideas of the leading-edge research in Information and Communications Technology (ICT).

You are cordially invited to submit your recent research work to the IEEE VTS APWCS 2019. Accepted papers will now be **included in IEEE Explore**. The interested technical fields include but are not limited to the following:

- 5G and beyond
- Antennas, propagation and channel modeling
- Big Data Analysis
- Cognitive radio & Dynamic Spectrum Access
- D2D communications
- Drone/UAV communications
- Dynamic spectrum management
- e-health
- Energy Harvesting
- Game theory applications
- Green Communication
- Information theory
- IoT, NB-IoT, and M2M
- Machine learning and AI
- Massive MIMO
- Microwave devices and systems
- Mobile radio communication systems
- Mobility management
- Modulation and coding
- Network security
- Radio resource allocation and QoSprovisioning
- Satellite communications
- Signal processing for communications
- Smart Cities
- Smart Grid
- Software defined networks
- Space time processing & MIMO systems
- Spread spectrum systems
- Systems and Applications
- TVWS communications
- Ultra wideband technology
- V2V, V2I, V2X, DSRC communications
- Vehicular communications
- VLC
- Wireless ad-hoc and sensor networks
- Wireless power transfer

Keynotes:

1. Prof. Yingchang Liang, University of Electronic Science and Technology of China, China.
2. TBA

Invited Speakers:

1. Prof. Yan Zhang, University of Oslo, Norway.
2. Dr. Li-Fung Chang, Chief Architect, 5G Tech. Program Office, DoIT, MOEA, Taiwan.
3. Prof. Hyeon-Woo Lee, DanKook University, Vice Chairman of 5G Forum, Korea.
4. TBA

Special Session:

Several special sessions (e.g. NOMA, Message Passing Algorithm) are organized with participation from international experts.

Paper Submission

Paper submission is managed by TrackChair. Authors are invited to submit 5-page full paper in PDF with standard IEEE format. For detail instruction information about the submission, please visit the submission website <https://apwcs2019.trackchair.com/>.

Important Dates

Full Paper Submission
24 May 2019 (Final Extension)

Recent Results Paper Submission
21 June 2019

Notification of Acceptance
05 July 2019

Camera-Ready Submission
14 July 2019

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