

# 19th VTS Asia Pacific Wireless Communications Symposium APWCS 2023

<http://pairlab.ai.nycu.edu.tw/apwcs2023/>

23-25 August, 2023, Tainan, Taiwan  
(National Yang Ming Chiao Tung Univ. Tainan campus, Tainan, Taiwan)



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## CALL FOR PAPERS

The IEEE Vehicular Technology Society (VTS) Taipei Chapter, Seoul Chapter, Tokyo/Japan Chapter and Singapore 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 APWCS 2023. Accepted papers will be submitted for inclusion into IEEE Explore subject to meeting IEEE Xplore's scope and quality requirements. The interested technical fields include but are not limited to the following:

- 5G and 6G
- AI and deep learning for communications
- 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 communications
- 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
- Positioning
- Quantum computing and communications
- Radio resource allocation and QoS provisioning
- 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
- etc...

## Important Dates

Paper Submission Due: **May 1, 2023 May 15, 2023 May 29, 2023 (firm)**

Acceptance Notification: **June 26, 2023 July 3, 2023 (extended)**

Final Papers/Author Registration Due: **July 10, 2023 July 17, 2023 (extended)**

## Paper submission

Paper submission is managed by TrackChair. Authors are invited to submit 2-page short paper or 5-page full paper in PDF with standard IEEE format. For detail instruction information about the submission, please visit the submission website (<https://apwcs2023.trackchair.com/>).

## Host

National Yang Ming Chiao Tung University, Taiwan

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For more information, please access the following link:

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