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August 17-20, 2023
Xi'an, Shaanxi, China



2023 IEEE 11th International Conference on Information, Communication and Networks

Track 20

The 2023 IEEE 11th International Conference on Information, Communication and Networks (ICICN) is set to take place in Xi'an, Shaanxi, China during August 17-20, 2023.



All submissions will be peer reviewed. Accepted, registered and presented papers will be published in the **ICICN 2023 IEEE conference Proceedings**, included in IEEE Xplore and indexed by **El Compindex, SCOPUS**, etc.

Wireless/Microwave Power Transmission

Submission Deadline: June 10, 2023

Brief introduction

Microwave power transmission (MPT) is the wireless transfer of large amounts of power at microwave frequencies from one location to another. MPT is often referred to in the literature as wireless power transmission (WPT) at microwave frequencies. MPT technologies has broad application prospects, such as the power supply for unmanned aerial vehicles, airship systems, remote areas, unattended monitoring station. At present, the most critical and limiting problem of the development of MPT is the efficiency, which is also one of the most concerned problems of scholars in this field.

Topics Interested topics include (but not limited to):

- Far-field/Fresnel-field power transfer
- Rectifying circuits and devices
- Applications of wireless power transfer
- Measurement and control of microwave beam direction
- Microwave transmission and power beaming
- Rectennas and rectenna arrays
- WPT key technologies for SSPS

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