



# CALL FOR PAPERS

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



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

# Track 21

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 **EI Compendex, SCOPUS**, etc.

### Wireless/Microwave Power Transmission

Submission Deadline: June 10, 2023

#### Brief introduction

With the increasing demand for wireless communication devices in recent years, there has been a need to develop antennas that are flexible, lightweight, and can conform to various shapes and surfaces. Flexible antennas can be used in a variety of applications, including wearable devices, IoT sensors, and medical devices. In this proposal, we present a design and implementation plan for a flexible antenna that can operate in a range of frequencies suitable for wireless communication.

**Topics** Interested topics include (but not limited to):

- Novel designs and materials for flexible antennas
- Modeling and simulation of flexible antennas
- Performance optimization of flexible antennas
- Antenna arrays and beamforming with flexible antennas
- Applications of flexible antennas in biomedical, military, and other fields
- Fabrication techniques for flexible antennas
- Characterization and measurement of flexible antennas
- RF energy harvesting using flexible antennas
- Polarization diversity and MIMO with flexible antennas
- Integration of flexible antennas into wearable devices, IoT, and other applications

#### Track Chairs and Co-chairs:

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#### Track TPC Members

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