CALL FOR PAPERS

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

ICICN IEEE 2023

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

Track 7

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.

Smart Tomographic System and New Developments

Submission Deadline: June 10, 2023

Brief introduction

Tomography has developed rapidly in system design, new detection principles, image reconstruction algorithms and other aspects for process monitoring and diagnosis. Tomographic systems can solve tasks such as measuring, analyzing and diagnosing industrial and biomedical processes. Several models have been developed and tested, including electric, nuclear, optical, magnetic and measurement sensors.

This Track on Smart Tomographic System and New Developments focuses on particular aspects of tomographic system, including the sensor modeling, design, and performance, the synergy between hardware and software, the balance between process costs and the price of sensing equipment, etc.

Topics   Interested topics include (but not limited to):

- Multi-mode sensor design and modeling
- Tomographic system design and performance evaluation
- Data-driven based imaging quality improvement
- Processed tomography applications and new development
- Medical-oriented tomography technology and system
- Advanced circuit design and signal processing on tomographic system

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