

2024 the 10th International Conference on Communication and Information Processing

Lingshui, Hainan, China / November 14-17, 2024

Track 7

Mathematics and Information Networks

Information networks are essential to modern communication, data sharing, and business, with mathematics playing a critical role in analyzing and optimizing these complex systems. This session on Mathematics and Information Networks will focus on the intersection of these fields, highlighting how mathematical theory is driving innovations in information network technology. From securing data transmission to enhancing network efficiency, mathematical models and algorithms are crucial in overcoming the challenges faced by today's information networks.

The session aims to foster deeper exchanges and collaboration between experts from diverse disciplines, encouraging the fusion of ideas and promoting interdisciplinary development. By bridging the gap between these fields, we hope to contribute to some innovations that can improve existing technologies and offer new ideas for future development.

Topics include, but not limited to:

- Computation and Network Systems
- Graph Theory and Network Optimization
- Combinatorial Mathematics and Complex Information Networks
- Fourier Analysis and Information Processing
- Random Analysis and Signal Processing
- Algebraic Cryptography and Information Security
- Intelligent Optimization and Intelligent Information Processing
- Mathematical Statistics and Investment Portfolio
- Wireless Network Optimization

Special Session Organizer(s):



Luyining Gan
Beijing University of Posts and Telecommunications



Lingjuan Ye
Beijing University of Posts and Telecommunications

Submissions

Submit method: <http://iccip.org/submission.html>

Submit full paper/abstract via online system: <https://www.zmeeting.org/submission/iccip2024>

Publication

ICCIP 2024 is to publish latest & high-quality research works on communication and information processing in theoretical and practical aspects. Submitted paper will be peer reviewed by conference committees. The accepted paper will be included into ICCIP 2024 Conference Proceedings, which will be archived in the ACM Digital Library, and indexed by Ei Compendex and Scopus

Contact us

Conference Secretary: Ms. Robin Luo

Phone: +86-182-2760-9313

Email: iccip_iccip@young.ac.cn

please scan the QR Code to add conference secretary on We-chat as "ICCIP 2024"



SPONSORED BY



北京邮电大学

BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS