IEEE ICCT

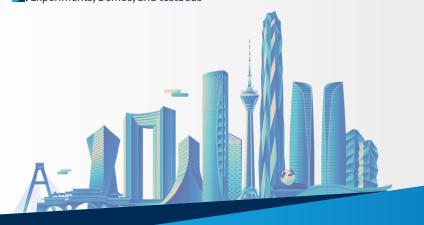# 2024 IEEE 24th International Conference on Communication Technology

Track 4. Intelligent and Semantic Communications

Semantic communication (SemCom) has recently been considered a promising solution to guarantee high resource utilization and transmission reliability for future wireless networks. Realizing the full potential of semantic communications in next-generation wireless communications systems is challenging, and there are many important open research problems to be solved. Therefore, we keenly invite the research community to contribute to this track.

Topics

01. Source and Channel Coding for Semantic Communications

02. Age of Information and Data Semantics

03. Resource Management in Semantic Communication Networks

04. Communication and control co-design

05. User Privacy and Security

06. Energy aspects for Semantic Communications

07. Semantic communications in emerging wireless networks

08. Integration of data semantics with network softwarization

09. Experiments, Demos, and testbeds

Track Chairs

Yao Sun
University of Glasgow, UK

Lei Feng
Beijing University of Posts and Telecommunications, China

Weichao Chen
Tongji University, China

Shuai Ma
PengCheng Lab, China

Paper Submission Deadline

July 10th, 2024

Notification of Acceptance

August 5th, 2024

Submission Instruction

Submission Link https://easychair.org/conferences/?conf=icct2024 and select Track 1

Template Paper (Word): https://icct2024.com/IEEEtemplate-word.doc

Template Paper (LaTex): https://icct2024.com/ieee-conference-latex-template.zip

MAIN CONTACT PERSON

Mia Xue

✉ Email: icct_contact@163.com

📞 Tel. : +86-19008028167