

2025 IEEE 25th International Conference on **COMMUNICATION TECHNOLOGY**

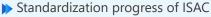
Track 3. Integrated Sensing and Communication

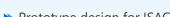
high-fidelity information exchange and environmental awareness.

Integrated sensing and communication (ISAC) enables devices not only to communicate but also to sense and understand their environment, leading to a more efficient use of spectrum resources, enhanced data collection and improved context-awareness in wireless networks. ISAC plays a pivotal role in the development of future smart cities, Internet of Things (IoT), autonomous vehicles and other advanced applications requiring real-time,

Topics

- Cooperative ISAC design
- Channel Modeling for ISAC systems
- ▶ Information Theoretic Results for ISAC
- Multi-modal/Multi-frequency Data Fusion
- Extremely Large-scale MIMO for ISAC
- Waveform/Beamforming design for ISAC
- Near Field ISAC design
- Millimeter wave and THz technologies for ISAC
- Large AI-empowered ISAC
- Wi-Fi sensing for indoor positioning and target recognition







Track Chairs



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Submission Instruction



Template Paper (Word):

https://www.ieee-icct.org/IEEEtemplate-word.doc

Template Paper (LaTex):

https://www.ieee-icct.org/ieee-conference-latex-template.zip

Important Dates

Paper Submission Deadline:

Notification of Acceptance: June 25, 2025





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