

2024 IEEE 24th International Conference on Communication Technology

Track 15. Aerial Communications, UAV Communications, Vehicular Networks

With rapid technological advancement, Aerial Communications, UAV Communications, and Vehicular Networks have become key areas in telecommunications. Aerial Communications to provide efficient solutions for remote areas and emergency rescues. UAV Communications show great potential in agricultural monitoring, logistics, and aerial photography. Vehicular Networks enable intelligent transportation and autonomous driving through inter-vehicle communication. These technologies present new challenges and opportunities, such as high-definition video transmission, real-time data sharing, and low-latency communication. Therefore, we have organized the "Aerial Communications, UAV Communications, and Vehicular Networks" track, aiming to gather researchers from academia and industry worldwide to share the latest advancements in these fields.

Topics

01. Design and optimization of aerial communication solutions for inter-UAV and
02. ground-to-UAV communications.
03. Integration of aerial networks with terrestrial and satellite networks.
04. Massive MIMO, mmWave, and terahertz communications in aerial networks.
05. AI and machine learning applications in UAV communications.
06. UAV network architecture and protocols.
07. UAVs for edge computing and data offloading.
08. Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) communication protocols.
09. Intelligent transport systems (ITS) and smart cities.

Track Chairs



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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>

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