



Low-altitude intelligent fusion and communication base station hybrid energy

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This half-day workshop will explore cutting-edge innovations and practical solutions for ISCCC in low-altitude intelligent networking.

This study provides a systematic framework and technical guidelines for the future development of low-altitude intelligent transportation, supporting continuous innovation, and ...

By leveraging IoT for pervasive sensing and connectivity, AI for intelligent perception and autonomous control, and blockchain for DID, immutable auditability, and automated trusted services, ...

Multi-Model ISAC serves as a cornerstone technology, requiring co-designed algorithms, protocols, and hybrid architectures tailored to low-altitude networks. Converging advances in ultra-reliable low ...

The simulation results verify that the proposed scheme can significantly improve the sensing performance of the UAVs and ensure communication quality with base stations.

Leveraging the networking characteristics of base stations, ZTE provides high-speed and reliable communication networks with stable, continuous, seamless coverage for low-altitude areas.

To enable efficient learning in episode tasks, we develop a hierarchical experience replay mechanism, where the gist is to employ all experiences generated within each episode to jointly train ...

Urban air mobility, drone-based logistics, public safety, and emergency response applications powered by agentic intelligence. Integration of LAWNs with terrestrial, maritime, and satellite networks for ...

Abstract: This paper investigates cellular base station (BS)-enabled wireless systems featuring downlink



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integrated sensing and communications, a critical enabler for the low-altitude ...

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