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## Abstract

The proceedings contain 32 papers. The topics discussed include: fast OMP algorithm for structure optimization and its application in OTFS sparse channel estimation; RIS-assisted wireless localization method based on adaptive beam scanning; radar emitter signal identification method based on rectangular integral bispectrum feature and dense connection network; study on the transport properties of reference-interfered composite vortex light in turbulent perturbations; design of a servo phased array vehicular satellite communication station; development trends of international small geostationary communication satellites; a power communication scheduling data intent recognition method based on xLSTM-Transformer; and perception-aided wideband millimeter-wave MIMO channel estimation: extended error modeling and robustness analysis.

## Conference Information

**Conference name:** 2nd International Symposium on Electronic Information Engineering and Intelligent Communication, EIC 2025**Conference date:** November 14, 2025 - November 16, 2025**Conference location:** Xiamen, China**Sponsor:** Academic Exchange Information Centre (AEIC)**Conference code:** 219365

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