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Abstract

The proceedings contain 76 papers. The topics discussed include: fault section localization method in active distribution networks based on PSO-ACO hybrid optimization; Study on the low-temperature plasma modification of V2O5 cathode of aqueous zinc-ion batteries; anomaly identification method of medium and long-term electricity consumption information under multi-hop reasoning of knowledge graph; automatic detection method for optical path failure of all-optical DCNs based on multimodal data fusion; combining SVM model and p-cycle algorithm for link fault prediction and protection; and algorithm for enhancing the non-repudiation of multi-party contracts in intelligent anti-miscommunication networks.

Conference Information

Conference name: 7th International Conference on Wireless Communications and Smart Grid, **ICWCSG 2025****Conference date:** August 8, **2025** - August 10, **2025****Conference location:** Zhengzhou, China**Sponsor:** Academic Exchange Information Centre (AEIC)**Conference code:** [215751](#)

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