Editorial

We present the second issue of the sixteenth volume of the **Journal of Networking Technology,** featuring the following papers.

In the opening paper, "**Clustering Mining Method of College Students' Physical Exercise Behaviour Characteristics Based on Ant Colony Algorithm,"** the author develops an ant colony algorithm model for extracting characteristics of college students' physical exercise behaviour. The purpose is to improve the effectiveness of behavior recognition and clustering. The author optimized the ant colony algorithm to make it function effectively. The experimental results show that the proposed ant colony algorithm, effectively reduces the error rate and maintains good accuracy as the sample size increases, indicating good stability and reliability.

In the second paper, "**Distribution Network External Force Damage Warning System under Cloud-Edge Collaborative Architecture,"** the authors designed a distribution network external force damage early warning system based on audio classification technology. The system they use employs cloud-based model training and edge computing technology to achieve real-time monitoring and data processing, thereby enhancing the accuracy and timeliness of warnings. The visualization system provides real-time warnings and response measures and ensures the safe operation and reliability of the distribution network.

In the paper "**Ultra-short Time Surface Wind Prediction in Kumtag Desert Region of Xinjiang Based on Deep Learning,"** the authors proposed a Conv-Informer model and a loss function that includes a trend penalty factor, combined with a dataset partitioning strategy. They utilised ultra-short-term surface wind prediction in the Kumtag Desert based on deep learning. The performance results produced a high level of accuracy.

We hope that the research published in this issue is both elegant and generates interest among readers.

Editors