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**2024 6th International Conference on Communications, Information System and Computer Engineering, CISCE 2024**  
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### Abstract

The proceedings contain 290 papers. The topics discussed include: impact of digital modulation on optical fiber communication; a new data-free knowledge distillation method for non-IID federated learning; analysis and research on automatic text classification algorithm based on machine learning; RIS-aided dual-functional radar and communication system waveform optimization; application of ResUNet-CBAM in rock sheet image segmentation; research on AI chip large model inference testing technology; real-time automatic detection of motorcycle helmet based on improved YOLOv8 algorithm; a cardiac MRI segmentation method based on context cascade attention; research on high-precision displacement monitoring system based on GNSS; an adaptive MAC protocol for underwater acoustic networks based on deep reinforcement learning; and multimodal enhanced sentiment analysis with hierarchical feature extraction.

### Conference Information

**Conference name:** 6th International Conference on Communications, Information System and Computer Engineering, **CISCE 2024**  
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