Session 1: Machine Translation and Grammatical Expression

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**Rui Meng**

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*Person Re-identification Algorithm Based on Siamese LSTM*

Session 2: Target Detection and Intelligent Recognition

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**Jian Guo**

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*A Fall Warning System for the Elderly with Multiple Nodes Based on DTW Algorithm*

Session 3: Image Analysis and Application

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**Yuhui Wang**

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*Exploring Trending Topics of Social Media Text with VoronoiTopicCloud Provide Useful and Intuitive Insights into Social Media Texts*

Session 4: Text Classification and Methods

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**Qiqi Liu**

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*Integrating Residual Network and Channel Attention Mechanism for Tire Pattern Image Retrieval*

Session 6: Speech Analysis and Linguistics

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**Mingyue Li**

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*Direction of Arrival Estimation Using One-dimensional Convolutional Neural Network and Gated Recurrent Unit*

Session 8: Semantic Analysis and Knowledge Engineering

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**Yiming Cao**

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*Intelligent Question Answering System Based on Knowledge Graph of Beijing Opera*