

Day 1 – Nov, 19, 2022

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<p>9:00 – 9:10 <u>Opening session</u></p> <p>9:20 – 10:10 Keynote Speech Dr. Guangyi Liu, China Mobile Research Institute</p> <p>10:10 – 11:00 Keynote Speech Prof. Yuantao Gu, Tsinghua University, China</p> <p>11:00 – 11:50 Keynote Speech Prof. Junhui Zhao, Beijing Jiaotong University, China</p>	<p>ROOM A ID: 629-2180-6469 Password: 202211</p>
<p>ROOM A ID: 629-2180-6469 Password: 202211</p>	<p>ROOM B ID: 891-7883-6268 Password: 202211</p>
<p>Session 1 13:30 – 15:10</p> <p>A Routing Strategy for GEO / LEO Satellite Network Based on Dynamic Delay Prediction and Link Control</p> <p>The APC Algorithm of Solving Large-Scale Linear Systems: A Generalized Analysis</p> <p>A Low-cost Semihosting Approach to debug DSP Application</p> <p>Reinforcement Learning Based Preamble Resource Allocation Scheme for Access Control in Machine-to-Machine Communication</p> <p>Adaptive Orthogonal Basis Scheme for OTFS</p>	<p>Session 2 13:30 – 15:10</p> <p>Random Access Preamble Sequence Design in High-Speed Scenario</p> <p>Privacy-Aware Task Allocation with Service Differentiation for Mobile Edge Computing: Multi-Armed Bandits Approach</p> <p>FTDCN: Full Two-Dimensional Convolution Network for Speech Enhancement in Time-Frequency Domain</p> <p>Robust Hybrid Beamforming for Multi-User Millimeter Wave Systems With Sub-Connected Structure</p> <p>Based on Content Relevance Caching Strategy in Information-Centric Network</p>

<p>Session 3 15:30 – 17:10</p> <p>Performance Analysis and Optimization Strategy over Cell-free Massive MIMO in the Finite Blocklength Regime</p> <p>Admission Control Mechanism of Wireless Virtual Network Assisted by Vehicular Fog Computing</p> <p>Convolutional Recurrent Neural Network Based on Short-time Discrete Cosine Transform for Monaural Speech Enhancement</p> <p>Data Balancing Technique Based on AE-Flow Model for Network Intrusion Detection</p> <p>Robust Hybrid Beamforming for Full-Duplex OFDM mmWave Systems With Partially-connected Structure</p>	<p>Session 4 15:30 – 17:10</p> <p>Optimization of tensor operation in compiler</p> <p>Self-supervised Anomalous Sound Detection for Machine Condition Monitoring</p> <p>Safety Modeling and Performance Analysis of Urban Scenarios Based on Poisson Line Process</p> <p>An Efficient Memory Management Method for Embedded Vector Processors</p> <p>A Reconfigurable Convolutional Neural Networks Accelerator Based on FPGA</p>
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Day 2– Nov, 20, 2022

<p>ROOM A ID: 629-2180-6469 Password: 202211</p>	<p>ROOM B ID: 891-7883-6268 Password: 202211</p>
<p>Session 5 9:00 –11:00</p> <p>CARN-Conformer: Conformer in Attention Spectral Mapping Based Convolutional Recurrent Networks for Speech Enhancement</p> <p>An Elite Genetic Algorithm for Power Allocation in Cell-Free Massive MIMO Systems</p>	<p>Session 6 9:00 – 11:00</p> <p>Traffic-Tran: A Parallel Multi-encoder Structure for Cellular Traffic Prediction</p> <p>Beam Illumination and Resource Allocation for Multi-Beam Satellite Systems</p> <p>MAML-based D2D Power Control Scheme in User-Variable Scenario</p>

DPNet: Depth and Pose Net for Novel View Synthesis via Depth Map Estimation	Interference-aware Spectrum and Power Coordination in Satellite-aided Cell-free Massive MIMO System
Vehicle Trajectory Prediction Model Based on Fusion Neural Network	Research on crowd movement trajectory prediction method based on deep learning
A Low-Overhead Routing Protocol for FANET Based on Ant Colony Algorithm	An Improved Hidden Markov Model for Indoor Positioning