

June 16
THURSDAY

KEYNOTES - ROOM "BAROJA" (9:00 -11:00)

Gabriel Miro-Muntean (DCU)	Can We Support High Quality Rich Media Content when Delivered in Current Network Environment?
Ana Garcia-Armada (UCIII)	From Mobile Multimedia Broadcasting to the Tactile Internet

COFFEE BREAK - ROOM "CHILLIDA" (11:00 -11:30)

PARALLEL SESSIONS 4A (11:30-12:50) Room: "BAROJA" QoS/QoE	PARALLEL SESSIONS 4C (11:30-12:50) Room: "ARRIAGA" 5G	PARALLEL SESSIONS 4B (11:30-12:50) Room: "LABOA" VIDEO PROCESSING
<p>Paper: 118 - Yashar Farzaneh Yeznabad - Backhaul Traffic and QoE Joint Optimization Approach for Adaptive Video Streaming in MEC-Enabled Wireless Networks</p> <p>Paper: 62 - Roberto Puddu - An open source satellite network simulator for quality based multimedia broadband traffic management</p> <p>Paper: 29 - Huiyu Duan - Augmented Reality Image Quality Assessment Based on Visual Confusion Theory</p> <p>Paper: 133 - Anderson Simiscuka - An Evaluation of 360° Video and Audio Quality in an Artistic-Oriented Platform</p> <p>Paper: 38 - Angel Martin - Adaptive QoS of WebRTC for Vehicular Media Communications</p>	<p>Paper: 116 - Yu Xue - 5G System Level Simulation Calibration Using MATLAB 5G Toolbox</p> <p>Paper: 110 - Álvaro Ibanez Latorre - 5G Broadcast Open source platforms</p> <p>Paper: 46 - Ernesto Fontes Pupo - Dynamic Multicast Access Technique in SC-PTM 5G Networks: Subgrouping with OM/NOM</p> <p>Paper: 37 - Devanshu Anand - A Machine Learning Solution to Mitigate Co-Tier Interference in 5G HetNets and Improve QoE for Video Delivery</p> <p>Paper: 49 - Chunyi Li - A PBCH Reception Algorithm in 5G Broadcasting</p>	<p>Paper: 132 - Vinh Van Duong - LFDNET: Light Field Depth Estimation Network Based on Hybrid Data Representation</p> <p>Paper: 33 - Takeshi Kajiyama - Sign-language image dataset with a hand pose type attribute</p> <p>Paper: 69 - Shih Yu Chang - Novel Extended Kalman Filter Using Matrix-Based Levenberg-Marquardt Algorithm and Its Application for Variable Bit-Rate Video Frame-Size Prediction</p> <p>Paper: 119 - Guannan Liu - Automatic Human Posture Recognition Using Kinect Sensors by Advanced Graph Convolutional Network</p> <p>Paper: 130 - Qianqian Chen - Facial Expression Recognition Based on A Lightweight CNN Model</p>

LUNCH (13:15 -14:45)

PARALLEL SESSIONS 5A (14:45 -16:05) Room: "BAROJA" BEYOND 5G	PARALLEL SESSIONS 5B Room: "ARRIAGA" AI & NETWORKS	PARALLEL SESSIONS 5C (14:45 -16:05) Room: "LABOA" SIGNAL PROCESSING
<p>Paper: 63 - Federica Rinaldi - Impact of Satellite Mobility on the Delivery of Multimedia Services over LEO-based NTNs</p> <p>Paper: 64 - Chiara Suraci - A Trust-Based Selection Mechanism for the Support of 6G eHealth Multimedia Services</p> <p>Paper: 44 - Jungsun Um - Impact of Multiple Transmissions using Incremental Redundancy for 5G-MBS</p> <p>Paper: 40 - Mohammad Fardad - A Fast and Effective Graph-Based Resource Allocation and Power Control Scheme in Vehicular Network Slicing</p> <p>Paper: 129 - Yuqin Liu - Toward Native Artificial Intelligence in 6G</p>	<p>Paper: 47 - Claudia Carballo Gonzalez - Deep Reinforcement Learning for Dynamic Radio Access Selection over Future Wireless Networks</p> <p>Paper: 114 - Matteo Anedda - A Machine Learning-based Approach for Vehicular Tracking in Low Power Wide Area Networks</p> <p>Paper: 172 - Guoqing Xia - Deep Reinforcement learning-Based Dynamic Beamforming and power allocation in Uplink Cell-Free MIMO Network</p> <p>Paper: 41 - Yosvany Hervis Santana - Radio Environment Map of an LTE Deployment Based on Machine Learning Estimation of Signal Levels</p> <p>Paper: 73 - Liang Qiang - Federated Reinforcement Learning-Based Radio Resources Scheduling for Short Video Applications</p>	<p>Paper: 107 - Guillermo Díaz - Channel phase calibration based on Savitzky-Golay filter in time-domain for OFDM systems</p> <p>Paper: 6 - Zhihong Hong - MIMO Integration for Wireless Backhaul and Inter-Tower Communications in ATSC 3.0</p> <p>Paper: 5 - Junghwan Kim - Analysis of High Rate Punctured Trellis Coded M-APSK for Multimedia Data Transmissions</p> <p>Paper: 19 - Guoyu Hao - Novel OAM-Based MIMO System Using Fractional Mode</p> <p>Paper: 24 - Laiwei Luo - A Novel Blind Compensation Scheme for I/Q Imbalance of Wideband Zero-IF Transmitter.</p>

COFFEE BREAK - ROOM "CHILLIDA" (16:05-16:30)

POSTER SESSION 6D - ROOM "CHILLIDA" (16:30 -17:30)

<p>Paper: 91 - Zhirong Zhang - Intelligent Energy Saving Technology and Strategy of 5G RAN</p> <p>Paper: 93 - Zhiyan Chen - Sparse factor graph based expanded iterative detection and decoding scheme for uplink polar coded SCMA system</p> <p>Paper: 95 - Nannan Li - Physical Layer Key Generation Scheme for Wideband Large Antenna Array Systems</p> <p>Paper: 96 - Xiangpin Jiang - Mapping Design based on Diversity Effect for Polar Coded Modulation</p> <p>Paper: 97 - Pingping Lin - Research on Carrier Aggregation of 5G NR</p> <p>Paper: 99 - Yuebo Li - Q-learning based spectral hole detection with adaptive sampling point and sensing threshold for broadcasting services</p> <p>Paper: 100 - Jiawu Miao - CNN-based idle spectrum detection for 5G broadcasting services</p> <p>Paper: 102 - Zexuan Jing - Signal Interference Elimination Based on Autoencoder for Integrated Sensing and Communication</p> <p>Paper: 104 - Hongjun Ye - SNR estimation based on CNN and LSTM in broadcasting channel</p> <p>Paper: 106 - Yutong Wang - Fine-grained object tracking system infrastructure based on cloud-edge collaboration</p>	<p>Paper: 108 - Bingyang Han - Slice Deployment Method for Deterministic Latency Broadband Services for Virtual Power Plant</p> <p>Paper: 109 - Qihong Zheng - 5G and F5G Converged Network Architecture for Fusion System of Video and 3D Model in Intelligent Park</p> <p>Paper: 111 - Zhiqiang Xu - MARL-Based Joint computation offloading and UAV deployment in MEC systems</p> <p>Paper: 113 - Shuo Yang - Resource Reservation for Graph-structured Multimedia Services in Computing Power Networks</p> <p>Paper: 120 - Yun Shen - A QoE-driven Adaptive Transmission Scheme for Streaming Media Service</p> <p>Paper: 121 - Peng Ding - Edge-to-Cloud Intelligent Vehicle-Infrastructure Based on 5G Time-Sensitive Network Integration</p> <p>Paper: 123 - Hongmei Zhu - Integrating MEC Application Slice with Network Slice in 5G</p> <p>Paper: 124 - Bo-mi Lim - Performance Evaluation of Preamble with TxID of ATSC 3.0</p> <p>Paper: 125 - Yuwei Shan - Blockchain-Based Distributed Addressing for Initial Authentication in Future Network</p> <p>Paper: 126 - Lu Guo - An Algorithm of Emotion Recognition And Valence of Drivers on Multimodal Data</p>	<p>Paper: 127 - Song Yaqi - Multimedia Analytics on Air-assisted Vehicle Network in Smart City</p> <p>Paper: 131 - Junsheng Mu - Intelligent fusion scheme of broadcasting signal and sensing signal</p> <p>Paper: 137 - Zhou Yuetian - Application of MOPSO Algorithm to Optimization of Energy Efficiency and Spectral Efficiency Trade-off in Massive MIMO System</p> <p>Paper: 141 - Ming Wu - Practical Batch Quality Trend Analysis Based on Regression Algorithms</p> <p>Paper: 142 - Zhaozhen Zeng - Design of Smart Production Scheduling Using Computational Heuristic Intelligence</p> <p>Paper: 143 - Haoyong Li - Reinforcement Learning Based Encoder-Connected Congestion Control for Real-time Communication</p> <p>Paper: 171 - Shasha Zhang - A fast Multi-Type-Tree split decision algorithm of intra Coding Unit in VVC</p> <p>Paper: 173 - Run Ma - DQL-based Wide-area path scheduling for deterministic time-delay broadband services in power communication data networks</p>
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End of Conference Day 2