

<b>End</b>	<b>Technical Session 1 - Multimedia</b>	
10:30	199551 Efficient Allocation of Mobile Resources using Fuzzy Systems for a QoS Planning	
10:50	199592 An Audio Compression Method Based on Wavelet Packet Decomposition, Ordering, and Polynomial Approximation of Expressive Coefficients	
11:10	199700 A GAN to Fight Video-related Traffic Flooding: Super-Resolution	
	<b>Technical Session 2 - Applications in Healthcare</b>	
10:30	199519 Stochastic Model for Evaluating Smart Hospitals Performance	
10:50	199525 Assessing Data Traffic Classification to Priority Access for Wireless Healthcare Application	
11:10	199544 Filtering Parameters Selection Method and Peaks Extraction for ECG and PPG Signals	
	<b>Technical Session 3 - Propagation in Vehicular Networks</b>	
10:30	199498 Second Order Statistics and BER Performance Analysis of a non-WSSUS V2X Channel Model that Considers Velocity Variations	
10:50	199476 A Polyphase Filterbank For Computing Doppler Power Spectra in V2V Propagation Experiments	
11:10	199534 V2V Propagation in Mountainous Terrain: Part I---Configuration and Measurement Results	
11:30	199581 V2V Propagation in Mountainous Terrain: Part II - Modeling Results	
	<b>Technical Session 4 - Vehicular Networks</b>	
10:30	199456 Optimal Resources Allocation From Vanet Infrastructures In Dynamic Mobile Environments	
10:50	199489 Planning the Deployment of QoS-based Communication Infrastructures for Connected Vehicles using GRASP and Path Relinking	
11:10	199572 A novel fog-based resource allocation policy for vehicular clouds in the highway environment	
11:30	199584 Optimizing Infrastructure Placement with Genetic Algorithm: A Traffic Management Use Case	
11:50	199542 A Hybrid V2I and V2V Approach for Urban Traffic Management in Vehicular Networks	
	<b>Technical Session 5 - Cellular Systems</b>	
15:30	198928 Novel hybrid precoder based on SVD for downlink mmWave massive MU-MIMO systems	
15:50	199538 On the Effect of Channel Estimation Errors in WL IB-DFE SC-FDE Systems for Interference Cancellation	
16:10	199590 A Fronthaul Signal Compression Method Based on Trellis Coded Quantization	
16:30	199594 Deep Reinforcement Learning Applied to Congestion Control in Fronthaul Networks	
16:50	199490 Efficient Downlink Control Resources Allocation Scheme for Machine-Type Communications in LTE-A Networks	
	<b>Technical Session 6 - Multicarrier Systems</b>	
15:30	199487 A Closed-form Spectral Analysis of GFDM in Underwater Communication Systems	

15:50	199499 Performance Analysis of Large-Scale MU-MIMO With a Simple and Effective Chanel Estimator
16:10	199557 An Efficient Algorithm for CFO Estimation in FBMC and GFDM under SUI Channel Models
	<b>Technical Session 7 - Internet of Things: Applications</b>
15:30	198909 A Simulation of an IoT-based Solution Using LoRaWAN for Remote Stations of Peruvian Navy
15:50	199478 Abstraction of Heterogeneous IoT Devices for Management of Smart Homes
16:10	199573 IoT Cocoa -- an IoT platform to assist gourmet cocoa production
	<b>Technical Session 8 - Location-Based Services 1</b>
15:30	198297 Comparison of Spatial Clustering Techniques for Location Privacy
15:50	198875 A 5G New Smart City Services Facilitator Model
16:10	199493 MARTINI: Towards a mobile and variable time window identification for spatio-temporal data
16:30	199583 A Distance and Position-based Caching Discovery Protocol for Vehicular Named-Data Networks
	<b>Technical Session 9 - Next Generation Networking and Internet</b>
10:30	198862 Analysis and Evaluation of CAPEX and OPEX in Intra-Data Centre Network Architectures
10:50	198922 Analysis of performance of fusion rules for cooperative spectrum sensing
11:10	199585 A Docker-Based Platform for Future Internet Experimentation: Testing NovaGenesis Name Resolution
	<b>Technical Session 10 - Topics in Networking</b>
10:30	199304 10GbE Network Card Performance Evaluation: A Strategy Based on Sensitivity Analysis
10:50	199307 Using Aerial Unmanned Vehicles for Data Gathering in Wireless Sensor Networks
11:10	199474 Discovering Community Structure in Networks- A Comparative Study
11:30	199708 An Extensible Access Control Architecture for Software Defined Networks based on X.812
	<b>Technical Session 11 - Visible Light and Optical Communications</b>
10:30	198840 Spectral Idleness Minimization in the Elastic Single Link under Incremental Traffic
10:50	199484 Performance Enhancement of VLC-Based Systems Using Diversity Combining Schemes in the Receiver
11:10	199491 DBA Algorithm with Prioritized Services for 10G-EPON with Multi-ONU Customers
11:30	199552 Direct Equalization with Convolutional Neural Networks in OFDM based VLC Systems

	<b>Technical Session 12 - Internet of Things: Infrastructure</b>		
10:30	198211	A new Lora-compatible modulation improving the LoRaWAN network level performance	
10:50	199554	Sensor Allocation in a Hybrid Star-Mesh IoT Network using Genetic Algorithm and K-Medoids	
11:10	199512	Foundations of Data Quality Assurance for IoT-based Smart Applications	
11:30	199545	Understanding and Characterizing Transmission Times for Compressed IP packets over LoRaWAN	
	<b>Technical Session 13 - Cellular Networks</b>		
15:30	199563	Clustering Users for the Deployment of UAV as Base Station to improve the Quality of the data	
15:50	198838	Analysis of Contention-Based SCMA in mMTC Networks	
16:10	199567	Cell-Free Systems Performance Under RF Mismatch	
16:30	199819	Data Analysis and Energy Consumption Prediction in a Cloud-Fog RAN Environment	
	<b>Technical Session 14 - Physical Layer Issues in Wireless Networks</b>		
15:30	199514	Analysis and Comparison of Several Mitigation Techniques for Middleton Class-A Noise	
15:50	199531	Particle Swarm Optimization Applied to Control of Mutual Coupling in MIMO Systems	
16:10	199587	Tensor decomposition over a Fast-Prototyping HCP composed by CPU-GPU	
	<b>Technical Session 15 - Location-Based Services 2</b>		
15:30	199539	Optimal Gateway Placement Based on Fuzzy C-Means for Low Power Wide Area Networks	
15:50	199560	Dynamic Temporal Mix-Zone Placement Approach for Location-Based Services Privacy	