

# Table of Contents

Uncovering the True Potentials of the Internet of Things

QoE-driven Anomaly Detection in Self-Organizing Mobile Networks using Machine Learning

Alternating Renewal Theory Based MAC-Layer Sensing Period Optimization in CRNs with Hybrid OFFON Channel State Length Distributions

Energy-efficient techniques for combating the influence of reactive jamming using Non-Orthogonal Multiple Access and Distributed Antenna Systems

Localization of Passive UHF RFID Tags Based on a Frequency-Stepped Continuous-Wave Approach

Mohamed Elkourdi - Performance Analysis for Virtual-Cell Based CoMP 5G Networks Using Deep Recurrent Neural Nets

Self-Synchronizing Time-Division Multiple-Access Network Protocol

Towards Tactile Wireless Multi-Hop Networks the Tactile Coordination Function as EDCA Supplement

RFID Implementation in Supply Chain Management Using P2P Network Overlays

A Machine Learning Assisted Method of Coverage and Capacity Optimization (CCO) in 4G LTE Self Organizing Networks (SON)

P2P From Packets to People, Leverage Wireless Artificial Intelligence for Bridging Network Performance Healthiness to Quality of Experience (QoE) in 4G Networks

Blind Parameters Estimation for Universal Filtered Multicarrier A Cyclostationarity Approach

Performance of Optically-Preamplified, Direct-Detection, M -ary PPM for Inter-Satellite Links

Capacity and Energy-Efficiency of Delayed Access Scheme for Small Cell Networks

Design and Evaluation of a novel MAC protocol for Multi-Implantable UHF-RFID transmitters for Brain-Computer Interface Applications

Emerging Technology Trends in Vehicle-to-Everything Connectivity

A Probabilistic Closed-form Expression for the Amount of Data Secondary Users Can Transmit in Cognitive Radio Networks

Clustering Algorithms and Validation Indices for mmWave Radio Multipath Propagation

A Network Selection Algorithm for supporting Drone Services in 5G Network Architectures

Device-to-Device Communications in Millimeter Wave Band - Impact of Beam Alignment Error

A Distributed Mitigation Strategy against DoS Attacks in Edge Computing

Digital Recording System Identification Based on Blind Deconvolution

Machine Learning-based Primary User Emulation Attack Detection in Cognitive Radio Networks using Pattern Described Link-Signature (PDLS)

An Experimental Study on Energy Consumption of Wireless Multipath TCP Connections