Saturday, November 16

Saturday, November 16 11:00-12:00

Session A: Meeting Room A

11:00	Accelerating Q-ary Sliding-Window Belief Propagation algorithm with GPU
11:20	A simple and reliable acquisition algorithm for low-orbit satellite signal
11:40	An FPGA based Reconfigurable MAC Architecture for Universal Short Range Communication Networks

Session B: Meeting Room B

11:00	An efficient certificateless short signature scheme with security proofs
11:20	Research on Unambiguous Acquisition of BOC Modulated Navigation Signal
11:40	Distributed Network Resource Allocation Protocol Based on Collision Sparse and Push-pull Cascading Mechanism

Saturday, November 16 14:00-16:00

Workshop on Edge Intelligence And Computing For Iot Communications And Applications: Meeting Room A

14:00	Acoustic Frequency Division Based on Active Metamaterial:An Experimental Demonstration of Acoustic Frequency Halving
14:17	Computation Offloading and Security with Q-learning
14:34	Distributed Resource Allocation Policy for Network Slicing with Inter-Operator Bandwidth Borrowing
14:51	Power-Efficient Communication for UAV-Enabled Mobile Relay System
15:08	Reliable Index Modulation Aided Spatial M-ary DCSK Design
15:25	A Contract-based Incentive Mechanism for Resource Sharing and Task Allocation in Container-based Vehicular Edge Computing
15:42	A New Method for Deriving Upper Bound of OCR-TDMA Performance

Session C: Meeting Room B

14:00	Cryptanalysis and improvement of an identity based authentication and key agreement protocol for multi-server architecture
14:20	Task Migration using Q-learning Network Selection for Edge Computing in Heterogeneous Wireless Networks
14:40	Measurement and Analysis of Fading Characteristics of V2V Propagation Channel at 5.9 GHz in Tunnel
15:00	Arrival Prediction based Reservation MAC for the Next Generation WLAN
15:20	OFDMA based Synchronization protocol for Distributed MIMO in the Next Generation WLAN
15:40	Vehicle Feature Point Trajectory Clustering and Vehicle Behavior Analysis in Complex Traffic Scenes

Saturday, November 16 16:20-18:20

Workshop on Ubiquitous Services Transmission For Internet of Things: Meeting Room A

16:20	DOS/SP: Distributed Opportunistic Channel Access with Smart Probing in Wireless Cooperative Networks
16:40	Energy-efficient Resource Allocation for Mobile Edge Computing System Supporting Multiple Mobile Devices
17:00	Dynamic Maximum Iteration Number Scheduling LDPC Decoder for Space-based Internet of Things
17:20	A Temperature Sensor System in the 4G-Based Internet of Things
17:40	Compressive-sensing Based Codec of the Y Color Component for Point Cloud

Workshop on Wireless Automated Networking For Internet of Things: Meeting Room B

16:20	Channel Exploration and Exploitation with Imperfect Spectrum Sensing for Multiple Users
16:40	Distributed Scheduling in Wireless Multiple Decode-and-forward Relay Networks
17:00	Theoretical and experimental comparisons of the self-pressurization in a cryogenic storage tank for IOT application
17:20	Vulnerability Analysis of Wireless Sensor Networks via Maximum Flow Interdiction
17:40	Research on Integrated Management System of Water and Fertilizer Based on Internet of Things
18:00	Impact Analysis of Realistic Human Mobility over Wireless Network

Sunday, November 17

Sunday, November 17 09:00-10:20

Session D: Meeting Room A

9:00	Hexagram Linkage: An Ambient Assistive Living System with Healthcare for Elderly People Living Alone
9:20	Message Transmission Reliability Evaluation of CAN Based on DSPN
9:40	Sliding-Window Belief Propagation with Unequal Window Size for Nonstationary Heterogeneous Source
10:00	Traffic Lights Detection Based on Deep Learning Feature

Session E: Meeting Room B

9:00	A Novel Algorithm for HRRP Target Recognition Based on CNN
9:20	Analysis of the Influence of CAN bus Structure on Communication Performance
9:40	Failure Reasons Identification for the Next Generation WLAN: a Machine Learning Approach
10:00	Deep Convolutional Neural Network based Traffic Vehicle Detection and Recognition

Sunday, November 17 10:40-12:00

Session F: Meeting Room A

10:40	Industrial Internet of Things Interoperability between OPC UA and oneM2M
11:00	Accuracy Analysis on GDOP of Pseudolite Positioning System Based on TDOA Technology
11:20	Research And Simulation Of Physical Layer Abstraction Model For Next Generation WiFi Integrated Simulation

11:40	Traffic Arrival Prediction for WiFi Network: a Machine Learning Approach

Session G: Meeting Room B

10:40	Enabling IoT/M2M System Scalability with Fog Computing
11:00	Towards Efficient Privacy-preserving Personal Information in User Daily Life
11:20	Properties and performance of the orbital-angular-momentum modes in wireless communication
11:40	Vehicle re-identification using joint pyramid feature representation network

Sunday, November 17 14:00-15:40

Session H: Meeting Room A

14:00	Generation and Performance Evaluation of Distributed Interference Based on Multiple-wavelet
14:20	Analysis of ADAS technology principle and application scenario
14:40	Electromagnetic Wave with OAM and Its Potential Applications in IoT
15:00	Propagation properties of optical beams with multi-OAM modes: effect of the off-axis vortex
15:20	Unequally Weighted Sliding-Window Belief Propagation for Binary LDPC Codes

Session I: Meeting Room B

14:00	Direction of arrival estimation of spread spectrum signal
14:20	A Trigger-Free Multi-user Full Duplex User-Pairing Optimizing MAC Protocol
14:40	Adaptive Block ACK for Large Delay of Space-Terrestrial Integrated Network
15:00	Design and Implementation of Tunnel Environment Monitoring System Based on LoRa
15:20	Wyner-Ziv Video Coding for Highway Traffic Surveillance using LDPC Codes