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Interference Model for Outdoor Millimeter Wave Networks -- A CWMN Spectrum Allocation Based on Multi-Strategy Fusion Glowworm Swarm Optimization Algorithm -- Decode-and-Forward Full-duplex Relay Selection under Rayleigh Fading Environment -- Parameter Control Scheme among Multi-Cell for Mobility Load Balancing in Ultra-Dense Network -- Spectrum Sensing based on Modulated Wideband Converter with CoSaMP Reconstruction Algorithm -- Joint Partial Relay and Antenna Selection for Full-Duplex Amplify-and-Forward Relay Networks -- A Low-Complexity Power Allocation Method in Ultra-Dense Network -- QRD Architecture Using the Modied ILMGS Algorithm for MIMO Systems Simulating and Analyzing the Effect of Timeliness on the Accuracy Rate of Central Path Planning -- An Optimization of DBN/GPU Speech Recognition on Wireless Network Applications Estimating End-to-End Available Bandwidth for Cyber-Physical Applications in Hybrid Networks -- Delay Aware Resource Allocation for Device-to-Device Communication Underlaying Cellular Networks -- An Improved Dynamic Clustering Algorithm Based on Uplink Capacity Analysis in Ultra-Dense Network System -- Wideband Spectrum Sensing by Multi-step Sample Autocorrelation Detection -- Noncoherent Joint Multiple Symbol Differential Detection and Channel Decoding in Massive MIMO System -- Downlink PDMA in the Heterogeneous Network Internet of Things -- Edge Caching to Deliver Mobile Content in Vehicular Ad Hoc Networks -- Enhanced IoT Data Acquisition in Information Centric Networks.

| Sommario/riassunto | This book constitutes the refereed post-conference proceedings of the 9th International Conference on Wireless Internet, WICON 2016, held in Haikou, China, in December 2016. The 30 full and 4 poster papers were selected from 62 submissions and are grouped into the following topics: sensor networks, security, wireless networks, Internet of Things. |