

Projects

Auburn University

Power Control for Underlay Cognitive Radio Networks with Full-duplex Transmissions

QoS Driven Multi-User Video Streaming in Cellular CRNs

Optimal Hierarchical Power Scheduling for Cooperative Microgrids

DeepFi: Deep Learning for Indoor Fingerprinting using Channel State Information

University of Arizona

GPU and FPGA Based Architecture Design for Real-time Signal Classification

University of Notre Dame

Wireless in Crowds

University of Virginia

Tracking user preferences in recommendation systems using non-stationary multi-arm bandits

Towards remote, adaptive disability tracking using wireless technology in multiple sclerosis subjects

Virginia Tech

Multi-Tier Exclusion Zones for Spectrum Sharing

Posters

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DeepFi: Deep Learning for Indoor Fingerprinting using Channel State Information

University of Arizona

Metacognitive radio engine design and development

GPU and FPGA Based Architecture Design for Real-time Signal Classification

Modulation Classification: A Comparison of Approaches

University of Mississippi

RaptorQP2P: Maximize the Performance of P2P File Distribution with RaptorQ Coding

University of Virginia

Tracking user preferences in recommendation systems using non-stationary multi-arm bandits

Towards remote, adaptive disability tracking using wireless technology in multiple sclerosis subjects

Heterogeneous teams in advanced manufacturing

Brill Tagging using the Micron automata processor

Unsupervised head impact identification using inertial body sensors based on linear dynamical model

Association rule mining with the Micron automata processor

Virginia Tech

Multi-Tier Exclusion Zones for Spectrum Sharing

Cooperative modulation classification under Rayleigh fading channels

PSUN: An OFDM Scheme for Coexistence with pulsed radar