IEEE WCNC Technical Paper Assignments

Track	Paper #	Paper Name	Date	Session Name	PID
MAC 22-1	1569060371	Capacity Planning of OFDMA Cellular Networks with Decode-and-Forward Relaying	Thu pm1	OFDM (III)	
NET 23-1	1569061511	ABC^2 : A New Approach to Seamless Mobility between Cellular Networks and WLAN	Wed pm2	Vertical Handover and Cognitive Radio (I)	
NET 03-1	1569061699	A Location Aware Routing Metric (ALARM) for Multi-Hop, Multi-Channel Wireless Mesh Networks	Mon am1	Wireless Mesh Networks (I)	
NET 02-1	1569063471	A Hybrid Routing Protocol for Wireless Sensor Networks Based on a Two-Level Clustering Hierarchy with Enhanced Energy Efficiency	Mon am1	Wireless Sensor Networks (I)	
PHY 33-2	1569064449	Channel Estimation Assisted by Postfixed Pseudo-Noise Sequences Padded with Null Samples for Mobile OFDM Communications	Wed pm2	OFDM Channel Estimation	
PHY 31-1	1569064456	Accurate Closed-Form Approximations to the Sum of Generalized Random Variables and Applications	Wed pm2	Communications Theory	
NET 05-1	1569064529	Heuristics for Jointly Optimizing FEC and ARQ for Video Streaming over IEEE 802.11 WLAN	Mon am2	WLAN/IEEE 802.11	
MAC 06-1	1569064747	Using Incompletely Cooperative Game Theory in Wireless Sensor Networks	Tue pm1	Cooperative Communications	
PHY 21-2	1569064957	Fractional Selective Mapping Using Decimation in Time IFFT/FFT	Wed am1	OFDM PAPR	
MAC 06-2	1569064973	WiFlex: Multi-Channel Cooperative Protocols for Heterogeneous Wireless Devices	Tue pm1	Cooperative Communications	
SAA 02-5	1569065033	On the Availability of Wireless Sensor Networks	Tue pm1	Emerging Wireless/Mobile Networking Applications (I)	
MAC 12-1	1569065125	Loss Differentiated Rate Adaptation in Wireless Networks	Wed am2	Throughput	
PHY 31-3	1569065964	Performance of the Wireless Optical Communication System with Variable Wavelength and Bessel Pointing Loss Factor	Wed pm2	Communications Theory	
NET 02-2	1569066089	A Unified Framework for Movement-Assisted Sensor Deployment	Mon am1	Wireless Sensor Networks (I)	
PHY 51-1	1569066300	Impact of Channel Models on Adaptive M-QAM Modulation for MIMO Systems	Thu pm2	MIMO Receivers (III)	
PHY 01-1	1569066399	A postfix synchronization method for OFDM and MIMO-OFDM systems	Mon am1	MIMO-OFDM (I)	
NET 33-1	1569066580	Balancing CRRM Performance Goals with Load Shared Packet Services	Thu pm2	Load Balancing and Call Admission Control	
MAC 02-1	1569066750	Markov Chain Model for Polling Delay and Throughput Analyses of Uplink Subframe in WiMAX Networks	Mon am1	Delay and Throughput	
PHY 23-3	1569066893	RECFEC: A Reconfigurable FEC Processor for Viterbi, Turbo, Reed-Solomon and LDPC Coding	Wed am2	Coding (II)	
MAC 01-1	1569066983	A Network-Assisted Association Scheme for 802.11-based Mesh Networks	Mon am1	802.11 (I)	
SAA 05-1	1569067032	An Approach to Secure Localization in WLANs	Wed am2	Security Techniques and Systems	

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Track	Paper #	Paper Name	Date	Session Name	PID
NET 07-1	1569067092	Mobility Pattern Aware Routing for Heterogeneous Vehicular Networks	Tue pm1	Vehicular Networks	
PHY 26-4	1569067126	Non-Unitary Codebook Based Precoding Scheme for Multi-User MIMO with Limited Feedback	Wed pm1	MIMO Systems with Feedback	
PHY 22-4	1569067256	On the Diversity-Multiplexing Tradeoff of Concurrent Decode-and-Forward Relaying	Wed am2	Cooperative Communications (II)	
SAA 05-2	1569067274	Security Concept for Distributed Service Execution Environments	Wed am2	Security Techniques and Systems	
MAC 02-2	1569067429	A Queue Based Scheduling Approach for WMAN with Adaptive Augmentation	Mon am1	Delay and Throughput	
PHY 31-2	1569067434	Lattice Reduction aided Precoding Combined with SDM for Clusters of Correlated Users	Wed pm2	Communications Theory	
NET 18-1	1569067469	Correlation-based Security in Time Synchronization of Sensor Networks	Wed am2	Network Security (I)	
PHY 50-3	1569067548	Cross-Layer Issues for Cooperative Networks	Thu pm2	Cooperative Communications (III)	
NET 14-1	1569067649	FreeMobility: Dynamic Localization using GIS	Wed am1	Localization and Mobility Management (I)	
PHY 14-2	1569067661	Distributed Space-Frequency Coding over Amplify-and-Forward Relay Channels	Tue pm2	Amplify-and-Forward Relaying	
NET 20-1	1569067829	Link-diversity Routing: A Robust Routing Paradigm for Mobile Networks	Wed pm1	Routing (I)	
SAA 05-3	1569067842	Testbed Implementation of A Secure Flooding Time Synchronization Protocol	Wed am2	Security Techniques and Systems	
PHY 41-1	1569067852	A Feedback Scheme for ZFBF-Based MIMO Broadcast Systems with Infrastructure Relay Stations	Thu am2	MIMO and Wireless Networks (II)	
NET 14-2	1569067858	A Novel Semi-distributed Cooperative Localization Technique for MANET: Achieving High Performance	Wed am1	Localization and Mobility Management (I)	
PHY 15-5	1569067913	Successive Interference Cancellation for DS-CDMA Downlink/Uplink	Tue pm2	CDMA	
MAC 25-1	1569067926	Comparison of Different Scheduling Algorithms for WiMAX Base Station: Deficit Round-Robin vs. Proportional Fair vs. Weighted Deficit Round-Robin	Thu pm2	WiMAX	
MAC 17-1	1569067960	An Evolutionary Time Spread Multiple Access Protocol for Ad Hoc Networks	Wed pm2	Ad Hoc Networks	
PHY 06-1	1569068040	A Low Complexity Detection Algorithm for Multi-Input Multi-Output (MIMO) Transmission using Poly-Diagonalization and Trellis Decoding	Mon am2	MIMO Receivers (I)	
NET 02-3	1569068065	Arbutus: Network-Layer Load Balancing for Wireless Sensor Networks	Mon am1	Wireless Sensor Networks (I)	
NET 17-1	1569068081	Performance Comparison of Control-less scheduling Policies for VoIP in LTE UL	Wed am2	Cellular Networks (I)	
MAC 12-2	1569068094	Saturated Throughput of Burst Mode PCA with Hard DRPs in WiMedia MAC	Wed am2	Throughput	

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Track	Paper #	Paper Name	Date	Session Name	PID
MAC 18-1	1569068123	A Multi-Stage Hybrid Scheduler for Codebook-Based Precoding System	Thu am1	Multiple Antenna Systems	
NET 14-3	1569068193	Novel MAP Selection Scheme Using Location History in Hierarchical MIPv6 Networks	Wed am1	Localization and Mobility Management (I)	
PHY 24-4	1569068260	Wideband Equalization Using Multiple Antennas	Wed am2	MIMO Receivers (II)	
MAC 01-2	1569068266	Modelling and Analysis of the Distributed Coordination Function of IEEE 802.11 with Multirate Capability	Mon am1	802.11 (I)	
PHY 45-3	1569068314	Peak-to-Average Power Reduction in MIMO OFDM by Spatial Nulling	Thu pm1	MIMO-OFDM (III)	
MAC 14-1	1569068542	Fair OFDMA Scheduling Algorithm Using Iterative Local Search with k-opt-Switches	Wed pm1	OFDM (II)	
MAC 19-1	1569068542	Fair OFDMA Scheduling Algorithm Using Iterative Local Search with k-opt-Switches	Thu am1	MIMO	
PHY 17-3	1569068576	Hardware Impairments on LDPC coded SC-FDE and OFDM in Multi-Gbps WPAN (IEEE 802.15.3c)	Tue pm2	Frequency Domain Equalization	
SAA 04-1	1569068816	A Presence-based Architecture for the Integration of the Sensing Capabilities of Wireless Sensor Networks in the IP Multimedia Subsystem	Wed am1	Multimedia QoS Support	
MAC 20-1	1569068844	Channel-Dependent Scheduling of an Uplink SC-FDMA System with Imperfect Channel Information	Thu am2	Scheduling	
PHY 33-4	1569068894	Low Complexity Joint Semiblind Detection for OFDM Systems over Time-Varying Channels	Wed pm2	OFDM Channel Estimation	
MAC 16-1	1569068897	Performance Enhancement for Mobility Management in Wireless LANs	Wed pm2	Wireless Networks (II)	
MAC 02-3	1569068906	Throughput and Delay Performance Analysis of Packet Aggregation Scheme for PRMA	Mon am1	Delay and Throughput	
PHY 32-2	1569068962	Haar Compression for Efficient CQI Feedback Signaling in 3GPP LTE Systems	Wed pm2	Cellular Systems	
PHY 20-1	1569069079	Distributed Space-Time Trellis Code for Asynchronous MIMO relays over Frequency-Selective Channels	Wed am1	MIMO and Wireless Networks (I)	
PHY 10-3	1569069294	Improving BER Performance of T-DMB System by Error/Erasure Correction in RS Codes	Tue pm1	Coding (I)	
NET 07-2	1569069351	Performance Evaluation of Vehicular DTN Routing under Realistic Mobility Models	Tue pm1	Vehicular Networks	
MAC 15-1	1569069481	A Cross-layer Approach for Frame Transmissions of MPEG-4 over the IEEE 802.11e Wireless Local Area Networks	Wed pm2	802.11 (II)	
MAC 07-2	1569069492	Cross-layer Resource Allocation for QoS Guarantee with Finite Queue Constraint in Multirate OFDMA Wireless Networks	Tue pm2	Cross-Layer Design	
MAC 25-2	1569069536	Throughput Analysis of WiMAX Based Wireless Networks	Thu pm2	WiMAX	
PHY 15-2	1569069552	Detection Strategies for DS-SS Systems Employing Parity Bit Selected Spreading	Tue pm2	CDMA	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 49-1	1569069667	A Fast Joint Frame Synchronization and Frequency Offset Acquisition Algorithm for OFDM Systems	Thu pm2	OFDM (III)	
PHY 42-1	1569069670	Adaptive Modulation Based on Finite-rate Feedback in Multiuser Diversity Systems	Thu am2	Adaptive Systems	
NET 08-1	1569069673	An Optimum Multiple Metrics Gateway Selection Mechanism in MANET and Infrastructured Networks Integration	Tue pm1	MANET (I)	
PHY 13-5	1569069684	Successive and Dynamic Precoding Scheme for Multiuser MIMO Systems with Limited Feedback	Tue pm1	Multiuser MIMO	
PHY 27-3	1569069696	Research on Hybrid-ARQ Chase Combining Algorithms in ZF-SIC V-BLAST	Wed pm1	MIMO/BLAST	
PHY 20-2	1569069699	network coding with linear MIMO pre-equlaizer using modulo in two-way channel	Wed am1	MIMO and Wireless Networks (I)	
PHY 26-3	1569069714	Impact of Limited Feedback on the Performance of MIMO Macrodiversity Transmission	Wed pm1	MIMO Systems with Feedback	
PHY 17-5	1569069740	Single-Carrier Block Transmission Asynchronous CDMA with Frequency-Domain Equalization	Tue pm2	Frequency Domain Equalization	
NET 02-4	1569069744	A Distributed Protocol for Ensuring Both Probabilistic Coverage and Connectivity of High Density Wireless Sensor Networks	Mon am1	Wireless Sensor Networks (I)	
PHY 05-3	1569069789	Low Complexity and High Performance Equalizer Design for UWB	Mon am2	UWB	
NET 18-2	1569069798	Security Considerations for Handover Schemes in Mobile WiMAX Networks	Wed am2	Network Security (I)	
PHY 51-4	1569069802	Soft-output MMSE MIMO Detector under Imperfect Channel Estimation	Thu pm2	MIMO Receivers (III)	
MAC 13-1	1569069812	Multi-Carrier Burst Contention (MCBC): Scalable Medium Access Control for Wireless Networks	Wed pm1	Medium Access Control	
PHY 08-4	1569069831	Space Time Coding with Unequal Modulations	Mon am2	Space-Time Coding (I)	
MAC 24-1	1569069852	Efficient Multiple Access Using Received Signal Strength and Local Channel Information	Thu pm2	Wireless Networks (III)	
PHY 43-4	1569069854	Joint EM Channel and Covariance Estimation with Sufficient Statistic Chip Combining for a SIMO MC-CDMA Antijam System	Thu pm1	Channel Estimation	
PHY 17-4	1569069858	Joint Frequency-Domain Equalization and Channel Estimation using Superimposed Pilots	Tue pm2	Frequency Domain Equalization	
NET 03-2	1569069867	Improving End-to-End Performance of Wireless Mesh Networks Through Smart Association	Mon am1	Wireless Mesh Networks (I)	
MAC 18-2	1569069896	An Uplink Medium Access Protocol with SDMA Support for Multiple-Antenna WLANs	Thu am1	Multiple Antenna Systems	
MAC 07-3	1569069909	CRADS: Integrated Cross Layer approach for Detecting Routing Attacks in MANETs	Tue pm2	Cross-Layer Design	
PHY 44-4	1569069912	Power control under slow fading for spatial multiplexing with MMSE receiver	Thu pm1	MIMO Systems	

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Track	Paper #	Paper Name	Date	Session Name	PID
NET 01-1	1569069922	Statistical Joint Antenna and Node Selection for Multi-Antenna Relay Networks	Mon am1	Wireless Heterogeneous Networks (I)	
PHY 11-4	1569069944	Novel Ultra Wideband Low Complexity Ranging Using Different Channel Statistics	Tue pm1	Localization and Ranging	
NET 02-5	1569069959	On the Distribution of Positioning Errors in Wireless Sensor Networks: A Simulative Comparison of Optimization Algorithms	Mon am1	Wireless Sensor Networks (I)	
SAA 03-1	1569069961	Location Based Services - Enterprise Mobility	Tue pm2	Context and Location-Aware Wireless Services	
NET 03-3	1569069978	Dynamic Base Station Relocation in Cognitive Mesh Networks Using Packet Switch	Mon am1	Wireless Mesh Networks (I)	
PHY 09-5	1569069983	Quantized feedback for spatial multiplexing system	Mon am2	Fading Channels (I)	
PHY 24-2	1569070009	Joint Hybrid ARQ and Iterative Space-Time Equalization for Coded Transmission over MIMO-ISI Channel	Wed am2	MIMO Receivers (II)	
PHY 13-2	1569070020	Joint Stream-wise THP Transceiver Design for the Multiuser MIMO Downlink	Tue pm1	Multiuser MIMO	
NET 11-1	1569070022	Heterogeneous Interface Configuration in Wireless Mesh Networks	Tue pm2	Wireless Mesh Networks (IV)	
MAC 01-3	1569070024	Physical Carrier Sensing Outage in Single Hop IEEE 802.11 Ad Hoc Networks with Slowly Moving Stations	Mon am1	802.11 (I)	
MAC 22-2	1569070026	On the Ranging and Scheduling of Data Traffic in OFDMA Mobile Environments	Thu pm1	OFDM (III)	
PHY 38-3	1569070034	Selective Relaying in Cooperative OFDM Systems: Two-Hop Random Network	Thu am2	Cooperative OFDM Systems	
PHY 37-4	1569070043	Spectral Efficiency Enhancement Techniques for Multicarrier On-Off Keying Transmission	Thu am1	Multicarrier Systems	
MAC 09-1	1569070054	A Low Latency Scheme for Bulk RFID Tag Reading	Wed am1	RFID and Sensor Networks	
MAC 10-1	1569070058	History-based Adaptive Modulation for a Downlink Multicast Channel in OFDMA systems	Wed am1	OFDM (I)	
PHY 33-3	1569070064	Effects of Channel Estimation Error and Nonlinear HPA on the Performance of OFDM in Rayleigh Channels with Application to 802.11n WLAN	Wed pm2	OFDM Channel Estimation	
PHY 26-5	1569070082	On The Feedback Channel for MIMO Beamforming	Wed pm1	MIMO Systems with Feedback	
PHY 43-2	1569070106	A Real-time Algorithm for Long Range Signal Strength Prediction in Wireless Networks	Thu pm1	Channel Estimation	
NET 17-2	1569070108	Throughput Analysis of TDMA System Forward Link with Superposition Coding for Location-Based Sets of Users	Wed am2	Cellular Networks (I)	
NET 04-1	1569070109	Sink Location Service for Geographic Routing in Wireless Sensor Networks	Mon am2	Wireless Sensor Networks (II)	
NET 14-4	1569070117	Virtual Circle Based Geometric Modeling of Holes for Geographic Routing	Wed am1	Localization and Mobility Management (I)	
MAC 03-1	1569070135	IEEE 802.11 DCF PSM Model and a Novel Downlink Access Scheme	Mon am2	802.11 and 802.16	

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Track	Paper #	Paper Name	Date	Session Name	PID
MAC 09-2	1569070176	Flexible Privacy Protection for RFID Tags via Selective Identifier Masking	Wed am1	RFID and Sensor Networks	
PHY 16-2	1569070185	Adaptive MIMO Decision Feedback Reduced-Rank Equalization Based on Joint Iterative Optimization of Adaptive RLS Estimation Algorithms	Tue pm2	MIMO Transmission Systems	
NET 14-5	1569070192	Architectures for Seamless Handover Support in Heterogeneous Wireless Networks	Wed am1	Localization and Mobility Management (I)	
NET 17-3	1569070194	Computing TCP Throughput in a UMTS Network	Wed am2	Cellular Networks (I)	
PHY 27-4	1569070198	Wavelet Packet Multi-carrier Modulation MIMO Based Cognitive Radio Systems with VBLAST Receiver Architecture	Wed pm1	MIMO/BLAST	
MAC 10-2	1569070202	Simple Proportional Fairness Scheduling for OFDMA Frame-based Wireless Systems	Wed am1	OFDM (I)	
NET 22-1	1569070206	Providing QoS to Real and Data Applications in WiMax Mesh Networks	Wed pm2	WiMAX/IEEE 802.16	
NET 04-2	1569070214	Energy Efficient and Hop Constraint Intra-cluster Transmission for Heterogeneous Sensor Networks	Mon am2	Wireless Sensor Networks (II)	
SAA 03-2	1569070223	Service Discovery in Wireless Mesh Networks	Tue pm2	Context and Location-Aware Wireless Services	
MAC 15-2	1569070236	Scheduled Mesh Access Mechanism for an IEEE 802.11 Mesh Network	Wed pm2	802.11 (II)	
NET 28-1	1569070250	Per-Application Mobility Management with Cross-Layer Based Performance Enhancement	Thu am2	Localization and Mobility Management (II)	
NET 17-4	1569070264	An Approach for Downlink VoIP Capacity Estimation in OFDM-Based FDD Networks	Wed am2	Cellular Networks (I)	
NET 01-2	1569070276	On the impact of mobility and joint RRM policies on a cooperative WiMAX/HSDPA network	Mon am1	Wireless Heterogeneous Networks (I)	
PHY 08-3	1569070281	Performance Analysis of Diversity-Embedded Space-Time Block Codes	Mon am2	Space-Time Coding (I)	
MAC 23-1	1569070293	Downlink VoIP Support for Evolved UTRA	Thu pm1	Topics in Communications	
PHY 28-1	1569070304	Energy Detection using Estimated Noise Variance for Spectrum Sensing in Cognitive Radio Networks	Wed pm1	Spectrum Sensing	
NET 01-3	1569070306	An On-line Access Selection Algorithm for ABC Networks Supporting Elastic Services	Mon am1	Wireless Heterogeneous Networks (I)	
PHY 47-4	1569070315	Microwave Oven Signal Modeling	Thu pm2	Channel Characterization and Modeling	
PHY 30-3	1569070326	Capacity Study of Vehicle-to-Roadside MIMO Channels with a Line-of-Sight Component	Wed pm2	MIMO Channel Models	
PHY 12-2	1569070330	Error Rate Analysis for Bit-Loaded Coded OFDM	Tue pm1	Coded OFDM	
NET 33-2	1569070332	Optimal Call Admission Control Policy In Wireless Networks	Thu pm2	Load Balancing and Call Admission Control	
MAC 18-3	1569070340	Autonomous Coordinator Selection in Beamformed 60GHz Wireless Networks	Thu am1	Multiple Antenna Systems	
PHY 13-1	1569070350	A CCI-Feedback-Aided Scheduling Technique for MU-MIMO	Tue pm1	Multiuser MIMO	

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Track	Paper #	Paper Name	Date	Session Name	PID
NET 06-1	1569070364	A Performance Comparison of Routing Protocols for Maritime Wireless Mesh Networks	Mon am2	Wireless Mesh Networks (II)	
PHY 20-4	1569070366	Space-Time Codes Versus Random Beamforming in Cooperative Multi-Hop Wireless Networks	Wed am1	MIMO and Wireless Networks (I)	
MAC 06-3	1569070367	Optimal Strategies for Cooperative MAC-Layer Retransmission in Wireless Networks	Tue pm1	Cooperative Communications	
NET 06-2	1569070403	A Maximum Fair Bandwidth Approach for Channel Assignment in Wireless Mesh Networks	Mon am2	Wireless Mesh Networks (II)	
NET 20-2	1569070419	A Group Source Routing Protocol with Efficient Flooding Technique for Mobile Ad Hoc Networks	Wed pm1	Routing (I)	
PHY 07-2	1569070422	Low Complexity Transceiver Scheme for D-STTD OFDM System with Antenna Shuffling	Mon am2	OFDM (I)	
NET 07-3	1569070424	An Efficient Collision Avoidance Strategy for ITS	Tue pm1	Vehicular Networks	
PHY 36-3	1569070444	Exploiting Phase Noise Properties in the Design of MIMO-OFDM Receivers	Thu am1	MIMO-OFDM (II)	
MAC 05-1	1569070466	Design of a Packet Scheduling Scheme for Downlink Channel in IEEE 802.16 BWA Systems	Tue pm1	802.16	
PHY 12-1	1569070468	A High Throughput Technique for OFDM Systems	Tue pm1	Coded OFDM	
PHY 15-4	1569070481	Iterative Turbo MMSE Successive Parallel Arbitrated Decision Feedback Detectors for DS-CDMA Systems	Tue pm2	CDMA	
PHY 22-1	1569070558	A New Partial Decode-and-Forward Protocol	Wed am2	Cooperative Communications (II)	
MAC 02-4	1569070572	Policy Driven Scheduling to Provide Differentiated QoS for Delay Sensitive Services in HSDPA	Mon am1	Delay and Throughput	
MAC 23-2	1569070595	Supporting Uncompressed HD Video Streaming without retransmissions over 60GHz Wireless Networks	Thu pm1	Topics in Communications	
PHY 23-4	1569070656	Three-Stage Serially Concatenated Codes and Iterative Center-Shifting K-Best Sphere Detection for SDM-OFDM: An EXIT Chart Aided Perspective	Wed am2	Coding (II)	
SAA 02-1	1569070664	Bluetooth 2.1 based Emergency Data Delivery System in HealthNet	Tue pm1	Emerging Wireless/Mobile Networking Applications (I)	
NET 21-1	1569070857	Anonymous ID-based Group Key Agreement for Wireless Networks	Wed pm1	Network Security (II)	
PHY 37-2	1569070877	Exact BER performance of asynchronous MC-DS-CDMA over Nakagami-m fading channels	Thu am1	Multicarrier Systems	
NET 20-3	1569070901	A Density Adaptive Routing Protocol for Large-Scale Ad hoc Networks	Wed pm1	Routing (I)	
PHY 33-1	1569070917	Adaptive Pilot Allocation in Downlink OFDM	Wed pm2	OFDM Channel Estimation	
PHY 38-2	1569070940	Joint Power and Bandwidth Allocation in Wireless Multihop Networks	Thu am2	Cooperative OFDM Systems	
PHY 18-2	1569070946	Interleave Division Multiplexing Aided Space-Time Coding for High-Throughput Uplink Cooperative Communications	Wed am1	Space-Time Coding (II)	
NET 34-1	1569070974	The Localization Problem in Networks of Uniformly Deployed Nodes	Thu pm2	Localization and Mobility Management (III)	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 19-3	1569070982	One-Hop vs. Two-Hop Routing in Simple Networks with Fading: An Outage Probability Analysis Addressing Spectral Efficiency	Wed am1	Cooperative Relays	
NET 04-3	1569070989	AntMig: A Novel Code Migration Method to Conserve Energy in Ad Hoc Sensor Networks	Mon am2	Wireless Sensor Networks (II)	
MAC 08-1	1569071010	An Adaptive Energy Saving Mechanism in the Wireless Packet Access Network	Tue pm2	Resource Allocation	
MAC 11-1	1569071069	Base Station Association Game in Multi-cell Wireless Networks	Wed am2	Wireless Networks (I)	
PHY 47-3	1569071126	Low Antenna Ultra Wideband Propagation Measurements and Modeling in a Forest Environment	Thu pm2	Channel Characterization and Modeling	
PHY 48-3	1569071134	Genetic Algorithm Aided Design of Near-Capacity Irregular Variable Length Codes	Thu pm2	Source and Channel Coding	
PHY 48-2	1569071136	Error Protection Irregular Over-Complete Mapping for Wavelet Coded Wireless Video Telephony Using Iterative Source and Channel Decoding	Thu pm2	Source and Channel Coding	
PHY 10-1	1569071144	An optimal degree distribution design and a conditional random integer generator for the systematic Luby Transform coded wireless internet	Tue pm1	Coding (I)	
PHY 22-3	1569071190	Hop-by-Hop Routing Strategy for Multihop Decode-and-Forward Cooperative Networks	Wed am2	Cooperative Communications (II)	
NET 21-2	1569071196	RADAR: a ReputAtion-based Scheme for Detecting Anomalous Nodes in WiReless Mesh Networks	Wed pm1	Network Security (II)	
NET 08-2	1569071275	Simulation and Performance Analysis of MP-OLSR for Mobile Ad hoc Networks	Tue pm1	MANET (I)	
PHY 06-2	1569071280	A universal systolic array for linear MIMO detections	Mon am2	MIMO Receivers (I)	
PHY 01-2	1569071286	Iterative Receiver for MIMO-OFDM Systems with Joint ICI Cancellation and Channel Estimation	Mon am1	MIMO-OFDM (I)	
NET 18-3	1569071288	Neural Network-based Approach for Adaptive Density Control and Reliability in Wireless Sensor Networks	Wed am2	Network Security (I)	
MAC 24-2	1569071314	On Collision-Tolerant Transmission with Directional Antennas	Thu pm2	Wireless Networks (III)	
NET 34-2	1569071326	A Coverage-based Handover Algorithm for High-speed Data Service	Thu pm2	Localization and Mobility Management (III)	
NET 27-1	1569071344	Modeling User Churning Behavior in Wireless Networks Using Evolutionary Game Theory	Thu am2	Network Security (III)	
MAC 04-1	1569071358	OSA-MAC: A Multi-channel MAC Protocol for Opportunistic Spectrum Access in Cognitive Radio Networks	Mon am2	Cognitive Communications	
PHY 27-2	1569071398	Bit-wise Detection Algorithms for V-BLAST Systems	Wed pm1	MIMO/BLAST	
SAA 02-2	1569071440	Combining Cricket System and Inertial Navigation for Indoor Human Tracking	Tue pm1	Emerging Wireless/Mobile Networking Applications (I)	
SAA 04-2	1569071484	Adaptive Split Transmission For Video Streams In Wireless Mesh Networks	Wed am1	Multimedia QoS Support	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 47-5	1569071562	Multi-path Propagation Measurements for Vehicular Networks at 5.9 GHz	Thu pm2	Channel Characterization and Modeling	
PHY 14-1	1569071633	Amplify-and-Forward Cooperative Communications Using Double-Differential Modulation over Nakagami-m Channels	Tue pm2	Amplify-and-Forward Relaying	
NET 01-4	1569071693	Virtual Partitioning for Connection Admission Control in Cellular/WLAN Interworking	Mon am1	Wireless Heterogeneous Networks (I)	
NET 12-1	1569071698	Locate More Nodes in Under Water Sensor Networks Using Out-of-Range Information	Tue pm2	Wireless Sensor Networks (III)	
PHY 04-5	1569071711	Sphere-Packing Modulation Aided Space-Time Coding Using Non-Binary LDPC-Coded Iterative-Detection	Mon am1	LDPC Codes	
NET 06-3	1569071732	Characterizing Link Importance in Multi-Channel, Multi-Radio, Multi-Rate Wireless Mesh Networks	Mon am2	Wireless Mesh Networks (II)	
PHY 14-5	1569071778	Performance Analysis of Amplify-and-Forward Relaying with Mismatched-Coherent and Partially-Coherent Receivers	Tue pm2	Amplify-and-Forward Relaying	
MAC 09-3	1569071836	Segmented Cyclic Redundancy Check: a Data Protection Scheme for Fast Reading RFID Tag's Memory	Wed am1	RFID and Sensor Networks	
NET 28-2	1569071843	Optimizing Fast Handover for Mobile IPv6 with Dynamic Price	Thu am2	Localization and Mobility Management (II)	
SAA 03-3	1569071872	Real-time Audio Distribution over Proximity Connections using Smart Phones	Tue pm2	Context and Location-Aware Wireless Services	
NET 12-2	1569071917	DSML: Dual Signal Metrics for Localization in Wireless Sensor Networks	Tue pm2	Wireless Sensor Networks (III)	
PHY 32-5	1569071954	Uplink Control Channel in E-UTRA, Radio Link and Radio Network Evaluation	Wed pm2	Cellular Systems	
NET 12-3	1569071974	The Relationship Between Sensor Networks Performance and the Number of Reporting Nodes	Tue pm2	Wireless Sensor Networks (III)	
MAC 05-2	1569071989	On the Performance Bounds of OFDM-based 802.16 Broadband Wireless Networks	Tue pm1	802.16	
PHY 44-3	1569072003	On Energy Spreading Transform Based MIMO Systems: Capacity and Diversity	Thu pm1	MIMO Systems	
PHY 50-1	1569072006	Cooperative Communication using Complementary Punctured Convolutional (CPC) Codes over Wireless Fading Channels	Thu pm2	Cooperative Communications (III)	
NET 29-1	1569072022	RTDD: A Real-Time Communication Protocol for Directed Diffusion	Thu am2	Network Design and Protocol (I)	
NET 07-4	1569072052	Connectivity Aware Routing in Vehicular Networks	Tue pm1	Vehicular Networks	
PHY 44-2	1569072060	Link Performance of WiMAX PUSC	Thu pm1	MIMO Systems	
NET 17-5	1569072082	Code Allocation Policy Optimization in HSDPA Networks Using FSMC Channel Model	Wed am2	Cellular Networks (I)	
PHY 40-2	1569072086	Combined User Multiplexing and Data Modulation through Non-binary Turbo Codes for UWB	Thu am2	Turbo Codes	
NET 22-2	1569072092	Capacity Estimation for IEEE 802.16 Wireless Multi-Hop Mesh Networks	Wed pm2	WiMAX/IEEE 802.16	

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Track	Paper #	Paper Name	Date	Session Name	PID
NET 31-1	1569072108	Evaluating of Capacities in TD-SCDMA Systems When Employing Smart Antenna and Multi-User Detection Techniques	Thu pm1	Cellular Networks (II)	
PHY 48-4	1569072110	Integrated Source-Channel Decoding for Correlated Data-Gathering Sensor Networks	Thu pm2	Source and Channel Coding	
NET 27-2	1569072144	Duplicate Packet Detection for Multicast: Methods, Analysis, and Relative Performance	Thu am2	Network Security (III)	
PHY 08-1	1569072266	Improving STBC performance in IEEE 802.11n using group-orthogonal frequency diversity	Mon am2	Space-Time Coding (I)	
PHY 01-4	1569072310	MIMO OFDM Physical Layer Real-Time Prototyping	Mon am1	MIMO-OFDM (I)	
PHY 14-4	1569072322	Orthogonal or non Orthogonal Amplify and Forward Protocol: How to cooperate?	Tue pm2	Amplify-and-Forward Relaying	
PHY 32-4	1569072430	On the Rate Region of a Multi-Cell MAC under Backhaul and Latency Constraints	Wed pm2	Cellular Systems	
PHY 34-5	1569072434	Traffic Pattern Prediction and Performance Investigation for Cognitive Radio Systems	Thu am1	Cognitive Radio	
PHY 19-4	1569072451	Relay-assisted ARQ in Wireless Ad-Hoc Networks	Wed am1	Cooperative Relays	
MAC 04-2	1569072466	Competitive Spectrum Sharing and Pricing in Cognitive Wireless Mesh Networks	Mon am2	Cognitive Communications	
MAC 25-3	1569072492	Statistical Connection Admission Control for Mobile WiMAX Systems	Thu pm2	WiMAX	
PHY 12-4	1569072519	Unitary and Non-unitary Differential Space-Frequency Coded OFDM	Tue pm1	Coded OFDM	
PHY 42-2	1569072531	Energy-Efficient Joint Power and Rate Control via Pricing in Wireless Data Networks	Thu am2	Adaptive Systems	
NET 34-3	1569072546	Mitigation of the propagation of localization error using multi-hop bounding	Thu pm2	Localization and Mobility Management (III)	
PHY 45-1	1569072556	Methodology for Mode Selection in MIMO-OFDM System	Thu pm1	MIMO-OFDM (III)	
PHY 34-4	1569072577	Sidelobe Suppression for OFDM-Based Cognitive Radios Using Constellation Expansion	Thu am1	Cognitive Radio	
PHY 21-4	1569072587	OFDM Symbol Design for Peak-to-Average Power Ratio Reduction Employing Non-Data Bearing Subcarriers	Wed am1	OFDM PAPR	
NET 24-1	1569072664	Aisle Routing for Mobile Ad Hoc Networks	Thu am1	Routing (II)	
PHY 25-1	1569072710	A New Receiver Structure for DFT Spread OFDM (DFT-SOFDM) in Time-Selective Fading Channel	Wed am2	OFDM (II)	
PHY 06-4	1569072824	Reduced-Complexity MIMO Detection Using Adaptive Set Partitioning	Mon am2	MIMO Receivers (I)	
SAA 05-4	1569072828	Trust for Location-based Authorisation	Wed am2	Security Techniques and Systems	
SAA 10-1	1569072928	Temporal Resilience of Deployment Quality in Surveillance Wireless Sensor Networks	Thu pm2	Application/Service/Network Performance Characterization	
NET 12-4	1569072937	Energy Efficient Scheme for Large Scale Wireless Sensor Networks with Multiple Sinks	Tue pm2	Wireless Sensor Networks (III)	
PHY 22-2	1569073027	Cooperative Spectrum Sensing with Multi-bits Local Sensing Decisions in Cognitive Radio Context	Wed am2	Cooperative Communications (II)	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 35-3	1569073096	Minimum Symbol Error Rate Turbo Multiuser Beamforming Aided QAM Receiver	Thu am1	Interference Mitigation	
PHY 02-3	1569073126	Quantize-and-Forward Relaying with M-ary Phase Shift Keying	Mon am1	Cooperative Communications (I)	
SAA 08-1	1569073244	Blockage Identification in Indoor UWB Ranging using Multi Band OFDM Signals	Thu am1	Techniques for Improved Service/Application Performance (III)	
NET 25-1	1569073253	Adaptive Distributed Gateway Discovery in Hybrid Wireless Networks	Thu am1	Wireless Heterogeneous Networks (II)	
PHY 51-2	1569073296	Joint Channel Estimation and Decoding for MIMO Frequency Selective Fading Channels	Thu pm2	MIMO Receivers (III)	
PHY 28-2	1569073314	Exploiting Historical Spectrum Occupancy Information for Adaptive Spectrum Sensing	Wed pm1	Spectrum Sensing	
SAA 02-3	1569073338	Intelligent Weather Systems with Fuzzy Logic Controller for Satellite Networks	Tue pm1	Emerging Wireless/Mobile Networking Applications (I)	
MAC 06-4	1569073480	One4All Cooperative Media Access Strategy in Centralized Wireless Networks	Tue pm1	Cooperative Communications	
PHY 29-1	1569073496	Analysis of Interference from Large Clusters as Modeled by the Sum of Many Correlated Lognormals	Wed pm1	Wireless Sensor Networks	
PHY 45-4	1569073501	Reduced-Complexity ICI Mitigation for Mobile MIMO-OFDM with Application to DVB-H	Thu pm1	MIMO-OFDM (III)	
PHY 36-4	1569073505	Multiuser Scheduling for MIMO-OFDM Systems with Continuous-Rate Adaptive Modulation	Thu am1	MIMO-OFDM (II)	
MAC 21-1	1569073508	A Novel Cooperation Scheme in Wireless Sensor Networks	Thu am2	Sensor Networks	
NET 23-2	1569073535	An Analytical Performance Model of Opportunistic Spectrum Access in a Military Environment	Wed pm2	Vertical Handover and Cognitive Radio (I)	
PHY 19-1	1569073541	A Stochastic Model for Misbehaving Relays in Cooperative Diversity	Wed am1	Cooperative Relays	
PHY 07-3	1569073580	Oversampled Orthogonal Frequency Division Multiplexing in Doubly Selective Fading	Mon am2	OFDM (I)	
MAC 13-2	1569073766	Multi-Group Priority Queueing MAC Protocol for Multipacket Reception Channel	Wed pm1	Medium Access Control	
NET 16-1	1569073787	Energy-Efficient Geographical Forwarding Algorithm for Wireless Sensor Networks	Wed am2	Wireless Sensor Networks (V)	
PHY 15-3	1569073791	Interference Cancelation in Non-coherent CDMA Systems Using Parallel Iterative Algorithms	Tue pm2	CDMA	
NET 24-2	1569073820	Routing in Large-Scale Buses Ad Hoc Networks	Thu am1	Routing (II)	
PHY 28-5	1569073821	Spectral Correlation-Based Multi-antenna Spectrum Sensing Technique in Cognitive radio	Wed pm1	Spectrum Sensing	
PHY 44-1	1569073838	Line-of-Sight MIMO Transmission for Achieving High Capacity Fixed Point Microwave Radio Systems	Thu pm1	MIMO Systems	
PHY 24-1	1569073850	A Universal Code-Modulated Path-Sharing Multi-Antenna Receiver	Wed am2	MIMO Receivers (II)	

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Track	Paper #	Paper Name	Date	Session Name	PID
NET 18-4	1569073873	A Location Privacy Preserving Authentication Scheme in Vehicular Networks	Wed am2	Network Security (I)	
SAA 03-4	1569073902	Real-world oriented communication platform "LocationCall"	Tue pm2	Context and Location-Aware Wireless Services	
PHY 17-2	1569073918	BERT Chart Analysis of Turbo Frequency Domain Equalization with Imperfect Channel State Information	Tue pm2	Frequency Domain Equalization	
PHY 25-3	1569073957	Intercarrier Interference Cancellation Using General Phase Rotated Conjugate Transmission for OFDM Systems	Wed am2	OFDM (II)	
NET 29-2	1569073987	Network Coding Opportunity Analysis of COPE in Multihop Wireless Networks	Thu am2	Network Design and Protocol (I)	
NET 01-5	1569074032	Autonomic Joint Session Scheduling Strategies for Heterogeneous Wireless Networks	Mon am1	Wireless Heterogeneous Networks (I)	
PHY 20-5	1569074061	Sum-Rate Analysis of MIMO Broadcast Channel with Random Unitary Beamforming	Wed am1	MIMO and Wireless Networks (I)	
PHY 21-3	1569074138	Joint Impact of Quantization and Clipping on Single- and Multi-carrier Block Transmission Systems	Wed am1	OFDM PAPR	
MAC 18-4	1569074180	On the performance of a multi-user multi-antenna system with transmit zero-forcing beamforming and feedback delay	Thu am1	Multiple Antenna Systems	
PHY 31-4	1569074307	Pseudo-Error Probability-Based Estimation of SNR for BPSK and QPSK Modulated Signals	Wed pm2	Communications Theory	
PHY 46-1	1569074316	Asynchronous Classification of High-Order QAMs	Thu pm1	Wireless Systems	
NET 34-4	1569074457	Multidimensional Scaling Algorithm for Mobile Location Based on Hybrid SADOA/TOA Measurement	Thu pm2	Localization and Mobility Management (III)	
PHY 46-5	1569074476	Proposal for Radio Resource Allocation using Dummy Burst Definition in IEEE 802.16 Uplinks	Thu pm1	Wireless Systems	
PHY 05-4	1569074536	Statistical Analysis of the IEEE802.15.4a UWB PHY over Multipath Channels	Mon am2	UWB	
SAA 09-1	1569074578	Ubiquitous Terminal Assisted Positioning Prototype	Thu pm1	Emerging Wireless/Mobile Networking Applications (II)	
PHY 04-1	1569074584	A Hybrid ARQ Scheme Based on Shortened Low-Density Parity-Check Codes	Mon am1	LDPC Codes	
NET 22-3	1569074629	On the Uplink Capacity of an 802.16j System	Wed pm2	WiMAX/IEEE 802.16	
PHY 37-3	1569074728	Joint Rate and Power Adaptation for MC-CDMA over Tempo-Spectral Domain	Thu am1	Multicarrier Systems	
PHY 19-2	1569074857	Asymptotic BER Analysis of Threshold Digital Relaying Schemes in Cooperative Wireless Systems	Wed am1	Cooperative Relays	
PHY 03-1	1569074867	A Simple, Accurate Approximation for the Outage Probability of Equal-Gain Receivers with Cochannel Interference in an α-μ Fading Scenario	Mon am1	Diversity	
PHY 09-4	1569074870	Performance of a New Low-Complexity Angular Spread Estimator in the Presence of Line-Of-Sight	Mon am2	Fading Channels (I)	
NET 21-3	1569075076	A Secure Routing Protocol in Proactive Security Approach for Mobile Ad-hoc Networks	Wed pm1	Network Security (II)	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 01-3	1569075078	Joint Symbol Detection and Channel Estimation for MIMO-OFDM Systems via the Variational Bayesian EM Algorithm	Mon am1	MIMO-OFDM (I)	
SAA 06-5	1569075172	An Introduction to the Cognitive Concept as a Cost-Effective Method for Network Performance Management	Wed pm1	Techniques for Improved Service/Application Performance (I)	
NET 03-4	1569075239	The Effect of Inter-Link Dependencies on the Connectivity of Wireless Mesh Networks	Mon am1	Wireless Mesh Networks (I)	
PHY 02-4	1569075339	Semi-Orthogonal Relay Selection and Beamforming for Amplify-and-Forward MIMO Relay Channels	Mon am1	Cooperative Communications (I)	
NET 16-2	1569075341	Implementation and Performance Evaluation of nanoIP protocols: Simplified versions of TCP, UDP, HTTP and SLP for Wireless Sensor Networks	Wed am2	Wireless Sensor Networks (V)	
NET 29-3	1569075526	Impact of MIMO Systems on CRRM in Heterogeneous Networks	Thu am2	Network Design and Protocol (I)	
PHY 02-1	1569075532	Cooperative Transmission in a Wireless Cluster based on Flow Management	Mon am1	Cooperative Communications (I)	
NET 16-3	1569075687	Distributed Recovery of Actor Failures in Wireless Sensor and Actor Networks	Wed am2	Wireless Sensor Networks (V)	
PHY 39-1	1569075726	Linear Multiuser Transceivers: Robustness Via Worst Scenario MSE Approach	Thu am2	Fading Channels (II)	
MAC 03-2	1569075751	Neighbor-aware Adaptive Retry Limit for IEEE 802.11-based Mobile Ad Hoc Networks	Mon am2	802.11 and 802.16	
MAC 05-3	1569075788	Low Complexity Resource Allocation for 802.16e OFDMA Systems	Tue pm1	802.16	
PHY 46-2	1569075799	Computationally-Efficient, Low-Order Filtering Technique for TETRA Release 2 Synchronization	Thu pm1	Wireless Systems	
PHY 42-4	1569075811	Handel-C Implementation of Early-Access Partial-Reconfiguration for Software Defined Radio	Thu am2	Adaptive Systems	
MAC 14-2	1569075843	Frequency-Domain Link Adaptation for Wideband OFDMA Systems	Wed pm1	OFDM (II)	
MAC 19-2	1569075843	Frequency-Domain Link Adaptation for Wideband OFDMA Systems	Thu am1	MIMO	
SAA 04-3	1569075934	A Transcoding-Free Multiple Description Coder for Voice over Mobile Ad-hoc Networks	Wed am1	Multimedia QoS Support	
PHY 02-2	1569076308	Efficient Cooperative Diversity Schemes and Radio Resource Allocation for IEEE 802.16j	Mon am1	Cooperative Communications (I)	
SAA 07-1	1569076475	Dynamic bandwidth Partition with Finer-Tune (DP-FT) scheme for Multimedia IEEE 802.11e WLANs	Wed pm2	Techniques for Improved Service/Application Performance (II)	
MAC 12-3	1569076684	Throughput Analysis of Ad Hoc Networks Using Multibeam Antennas with Priority-Based Channel Access	Wed am2	Throughput	
PHY 50-4	1569076706	Optimal Relay Location in Multi-Hop Cellular Systems	Thu pm2	Cooperative Communications (III)	
NET 16-4	1569076728	Basestation-Aided Coverage-Aware Energy-Efficient Routing Protocol for Wireless Sensor Networks	Wed am2	Wireless Sensor Networks (V)	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 16-1	1569076740	A Closed-Form Approximation for Capacity of Multiuser MIMO Broadcast Systems: A Virtual User Approach	Tue pm2	MIMO Transmission Systems	
NET 16-5	1569076764	Central Angle Decision Algorithm in Coverage-Preserving Scheme for Wireless Sensor Networks	Wed am2	Wireless Sensor Networks (V)	
PHY 36-1	1569076792	Bit-wise Error Detection Based Iterative Signal Detection for OFDM MIMO multiplexing	Thu am1	MIMO-OFDM (II)	
PHY 26-2	1569076802	Adaptive Transmission for Finite-Rate Feedback MIMO Systems	Wed pm1	MIMO Systems with Feedback	
MAC 04-3	1569076809	Distributed Multichannel Power Allocation Algorithm for Spectrum Sharing Cognitive Radio Networks	Mon am2	Cognitive Communications	
SAA 06-1	1569076825	A Dynamic Spectrum Allocation Scheme with Interference Mitigation in Cooperative Networks	Wed pm1	Techniques for Improved Service/Application Performance (I)	
MAC 12-4	1569076849	The Effect of Node Connectivity Control on the Throughput of Distributed MAC Networks	Wed am2	Throughput	
MAC 05-4	1569076851	An Indexing Scheduler for Delay Constrainted Scheduling with Applications to IEEE 802.16	Tue pm1	802.16	
MAC 10-3	1569076853	A Novel Radio Resource Management Approach for QoS Provisioning in Multi-service Multi-slot OFDMA Systems	Wed am1	OFDM (I)	
PHY 40-5	1569076862	Symbol assignment for high-rate circular trellis-based turbo codes	Thu am2	Turbo Codes	
PHY 09-3	1569076864	Near-Optimal Low Complexity MLSE Equalization	Mon am2	Fading Channels (I)	
SAA 07-2	1569076872	Virtual Network Capacity Expansion Through Service Outsourcing	Wed pm2	Techniques for Improved Service/Application Performance (II)	
MAC 14-3	1569076879	Hierarchical Downlink Resource Management Framework for OFDMA based WiMAX Systems	Wed pm1	OFDM (II)	
MAC 19-3	1569076879	Hierarchical Downlink Resource Management Framework for OFDMA based WiMAX Systems	Thu am1	MIMO	
PHY 11-5	1569076897	Trade-Off Driven Hybrid Wideband Source Localization Algorithm for Acoustic Sensors	Tue pm1	Localization and Ranging	
PHY 10-5	1569076899	The throughput analysis of different IR-HARQ schemes based on fountain codes	Tue pm1	Coding (I)	
PHY 09-2	1569076907	L2 Approximation Error Evaluation for the Inverse of Mixing-Phase Systems and Channel Equalization Applications	Mon am2	Fading Channels (I)	
PHY 14-3	1569076910	Optimization of a Modified Orthogonal Amplify-and-Forward Pairwise User Cooperation Scheme	Tue pm2	Amplify-and-Forward Relaying	
MAC 20-2	1569076938	Downlink Scheduling with Probabilistic Guarantees on Short-term Average Throughputs	Thu am2	Scheduling	
PHY 21-1	1569076940	Digital Modulation Techniques for Optical Asymmetrically-Clipped OFDM	Wed am1	OFDM PAPR	
PHY 36-2	1569076949	Cost Analysis of Channel Estimation in MIMO-OFDM for Software Defined Radio	Thu am1	MIMO-OFDM (II)	
PHY 10-2	1569076951	Decoding with Early Termination for Rateless (Luby Transform) Codes	Tue pm1	Coding (I)	

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Track	Paper #	Paper Name	Date	Session Name	PID
MAC 01-4	1569076955	Impact of Contention Window Cheating on Single-hop IEEE 802.11e MANETs	Mon am1	802.11 (I)	
NET 29-4	1569076958	Threshold-Based Rate Control for Multimedia Transport over Markovian Wireless Channels	Thu am2	Network Design and Protocol (I)	
NET 05-2	1569076961	Evaluating MPEG-4/AVC Video Streaming over IEEE 802.11 Wireless Distribution System	Mon am2	WLAN/IEEE 802.11	
SAA 07-3	1569077000	An On-demand Data Broadcast Scheduling Algorithm in Wireless Broadcast/UMTS Integrated Systems	Wed pm2	Techniques for Improved Service/Application Performance (II)	
PHY 17-1	1569077016	Adaptive/Iterative Frequency-Domain Channel Estimation for Space-Time Block-Coded Single-Carrier Systems with Cyclic-Prefix	Tue pm2	Frequency Domain Equalization	
PHY 40-4	1569077022	Low Complexity Hybrid Turbo Codes	Thu am2	Turbo Codes	
NET 31-2	1569077046	Adaptive Gateway Discovery Scheme for Mobile Ubiquitous Networks	Thu pm1	Cellular Networks (II)	
NET 06-4	1569077049	Broadcast Routing and Channel Selection in Multi-Radio Wireless Mesh Networks	Mon am2	Wireless Mesh Networks (II)	
SAA 07-4	1569077058	Robust and Scalable Mobility Support for Real-time Applications	Wed pm2	Techniques for Improved Service/Application Performance (II)	
NET 10-1	1569077063	Proportion-integral power control for wireless ad hoc networks	Tue pm2	MANET (II)	
PHY 29-2	1569077068	Bandwidth-Efficient Distributed Estimation in Inhomogeneous Wireless Sensor Networks	Wed pm1	Wireless Sensor Networks	
NET 10-2	1569077070	On Reducing Broadcast Transmission Cost and Redundancy in Ad Hoc Wireless Networks Using Directional Antennas	Tue pm2	MANET (II)	
MAC 03-3	1569077072	Latency and Modulation Aware Bandwidth Allocation Algorithm for WiMAX Base Stations	Mon am2	802.11 and 802.16	
PHY 13-3	1569077074	Robust Linear Processing for Downlink Multiuser MIMO System with Imperfectly Known Channel	Tue pm1	Multiuser MIMO	
SAA 01-5	1569077076	A Framework to Combine the Session Initiation Protocol and the Host Identity Protocol	Mon am1	Middleware Support for Wireless/Mobile Applications	
MAC 24-3	1569077077	A Novel SFN Broadcast Services Selection Mechanism in Wireless Cellular Networks	Thu pm2	Wireless Networks (III)	
NET 08-3	1569077105	Cooperative Transmit-Power Estimation in MANETs	Tue pm1	MANET (I)	
PHY 03-3	1569077109	Effects of Antenna Correlation on Spatial Diversity and Multiuser Diversity	Mon am1	Diversity	
MAC 24-4	1569077120	Neighboring APs Discovery and Information Exchange Methods in PnP WLAN System	Thu pm2	Wireless Networks (III)	
MAC 01-5	1569077152	The IEEE 802.11 Power Saving Mechanism: An Experimental Study	Mon am1	802.11 (I)	
NET 06-5	1569077186	Widest Spanning Tree for Multi-Channel Multi-Interface Wireless Mesh Networks	Mon am2	Wireless Mesh Networks (II)	
NET 04-4	1569077195	Area Concentric Beacons Localization for Wireless Sensor Networks	Mon am2	Wireless Sensor Networks (II)	

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Track	Paper #	Paper Name	Date	Session Name	PID
SAA 03-5	1569077198	Service-Oriented Device Composition in Resource-Constrained Ubiquitous Environments	Tue pm2	Context and Location-Aware Wireless Services	
PHY 16-3	1569077199	Asymptotic Outage Analysis of Large Size Correlated MIMO Systems	Tue pm2	MIMO Transmission Systems	
NET 10-3	1569077204	Channel Reuse for Accumulative Repetition Message-Forwarding on Wireless Ad-Hoc Networks	Tue pm2	MANET (II)	
PHY 30-4	1569077207	On the Suitable Environments of the Kronecker Product Form in MIMO Channel Modeling	Wed pm2	MIMO Channel Models	
PHY 33-5	1569077234	Reduced-Complexity Recursive MMSE Channel Estimator for the Wireless OFDM Systems	Wed pm2	OFDM Channel Estimation	
PHY 23-1	1569077249	A Study on Iterative ULS (Unequal Length Search) Syndrome Decoding for Product Codes	Wed am2	Coding (II)	
MAC 08-2	1569077257	OTLR: Opportunistic Transmission with Loss Recovery for WLANs	Tue pm2	Resource Allocation	
MAC 13-3	1569077259	Estimation of Interference-Free Transmit Power for Opportunistic Spectrum Access	Wed pm1	Medium Access Control	
MAC 04-4	1569077262	Distributed Energy Efficient Spectrum Access in Wireless Cognitive Radio Sensor Networks	Mon am2	Cognitive Communications	
MAC 25-4	1569077267	Performance Improvement for Multichannel HARQ Protocol in Next Generation WiMAX System	Thu pm2	WiMAX	
NET 24-3	1569077285	Multi-hop Wireless Relay Networks of Mesh Clients	Thu am1	Routing (II)	
NET 23-3	1569077287	mSIGMA: an Efficient Handoff Scheme for Multi-Class Networks	Wed pm2	Vertical Handover and Cognitive Radio (I)	
MAC 22-3	1569077304	Multi-User Water-Filling in Uplink OFDMA Systems	Thu pm1	OFDM (III)	
PHY 37-1	1569077311	A New Subcarrier Allocation Scheme for MC-DS-CDMA Systems in the Presence of Multiple Access Interference	Thu am1	Multicarrier Systems	
MAC 13-4	1569077321	Exploiting Multiradio Diversity: An Opportunistic MAC in Multichannel Multiradio Wireless Ad Hoc Networks	Wed pm1	Medium Access Control	
NET 09-1	1569077323	Internet Gateway Deployment Optimization in a Multi-Channel Multi-Radio Wireless Mesh Network	Tue pm1	Wireless Mesh Networks (III)	
SAA 08-5	1569077326	Dynamic Session Modification between Multiple Devices in the IMS/MMD Architecture	Thu am1	Techniques for Improved Service/Application Performance (III)	
MAC 21-2	1569077331	Analysis of Low Latency MAC Protocols for clustered sensor networks	Thu am2	Sensor Networks	
PHY 36-5	1569077338	Sum-MSE Based User Selection in MIMO-OFDM Systems with Linear Precoding	Thu am1	MIMO-OFDM (II)	
PHY 38-4	1569077339	Subchannel-Division Adaptive Resource Allocation Technique for Cooperative Relay-Based MIMO/OFDM Wireless Communication Systems	Thu am2	Cooperative OFDM Systems	
PHY 18-4	1569077345	Space-Time Block Coded Reconfigurable MIMO Communication System Using ORIOL Antennas	Wed am1	Space-Time Coding (II)	
PHY 43-3	1569077360	Channel Estimation for LTE Uplink in High Doppler Spread	Thu pm1	Channel Estimation	
MAC 11-4	1569077362	QoS Aware Access Point Selection for Pre-load-balancing in Multi-BSS WLAN	Wed am2	Wireless Networks (I)	

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Track	Paper #	Paper Name	Date	Session Name	PID
MAC 23-3	1569077370	Effects of Eccentricity to Performance of M-ary Elliptical Phase Shift Keying (M=4,8)	Thu pm1	Topics in Communications	
NET 21-4	1569077378	Network Application Identification Using Transition Pattern of Payload Length	Wed pm1	Network Security (II)	
NET 19-1	1569077385	A Generic Analytical Model of Packet Combining in Wireless Sensor Networks	Wed pm1	Wireless Sensor Networks (VI)	
PHY 48-1	1569077397	Asymptotic Distortion Performance of Source-Channel Diversity Schemes over Relay Channels	Thu pm2	Source and Channel Coding	
MAC 15-3	1569077398	Effect of Frame Aggregation on the Throughput Performance of IEEE 802.11n	Wed pm2	802.11 (II)	
SAA 09-2	1569077410	Realistic Mobility Aware Information Gathering in Disaster Areas	Thu pm1	Emerging Wireless/Mobile Networking Applications (II)	
NET 26-1	1569077422	Dynamic Spectrum Access with Imperfect Sensing in Open Spectrum Wireless Networks	Thu am1	Vertical Handover and Cognitive Radio (II)	
MAC 20-3	1569077438	Adaptive Cross Layer Scheduling with Flow Multiplexing	Thu am2	Scheduling	
NET 21-5	1569077443	A Distributed Group Key Agreement Scheme with Lightweight Re-keying Traffic	Wed pm1	Network Security (II)	
NET 08-4	1569077444	PAMP: Power-Aware Multi-Path Routing Protocol for a Wireless Ad hoc Network	Tue pm1	MANET (I)	
PHY 26-1	1569077448	Adaptive Antenna Scaling for Multi-user MIMO Downlink Zero-forcing Transmissions with Finite Rate Feedback	Wed pm1	MIMO Systems with Feedback	
MAC 24-5	1569077450	Multicast Multiuser-ARQ	Thu pm2	Wireless Networks (III)	
PHY 35-2	1569077456	Iterative Detection of Three-Stage Concatenated FFH-MFSK	Thu am1	Interference Mitigation	
PHY 28-4	1569077457	On the Time Distribution of White Space Access Opportunities	Wed pm1	Spectrum Sensing	
PHY 42-3	1569077460	Exact Performance Analysis of Joint Adaptive Modulation and Power Loading Transmission In Multi-Channel System	Thu am2	Adaptive Systems	
NET 33-3	1569077466	Optimal Voice Admission Control Performance under Soft Vertical Handoff in Loosely Coupled 3G/WLAN Networks	Thu pm2	Load Balancing and Call Admission Control	
PHY 35-5	1569077473	Two-layer CI Phase Coding Interference Cancellation and Detection for Uplink Broadband Wireless Access System	Thu am1	Interference Mitigation	
NET 19-2	1569077474	Ranking-Based Statistical Localization for Sensor Networks	Wed pm1	Wireless Sensor Networks (VI)	
PHY 05-1	1569077478	A Semi-Analytic Method for BER Performance of Rake-Based UWB Receivers	Mon am2	UWB	
PHY 49-2	1569077480	A Linear Programming Solution to Subcarrier-Bit-Power Allocation for Multicell OFDMA Systems	Thu pm2	OFDM (III)	
MAC 23-4	1569077483	A Proposal of a Wide Band for Air Traffic Control Communications	Thu pm1	Topics in Communications	
NET 23-4	1569077485	Vertical Handover Decision in An Enhanced Media Independent Handover Framework	Wed pm2	Vertical Handover and Cognitive Radio (I)	
NET 05-3	1569077489	Voice Capacity Analysis and Enhancement in Wireless LAN	Mon am2	WLAN/IEEE 802.11	

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SAA 02-4	1569077498	A Vehicle Collision Warning System Employing Vehicle-to-infrastructure Communications	Tue pm1	Emerging Wireless/Mobile Networking Applications (I)	
NET 31-3	1569077502	A distributed mechanism for detecting cell data inconsistencies in LTE radio access networks	Thu pm1	Cellular Networks (II)	
PHY 44-5	1569077506	Uplink-Downlink SINR Duality via Lagrange Duality	Thu pm1	MIMO Systems	
NET 32-1	1569077510	On the outage probability for multi-hop communications over array network deployments	Thu pm1	Network Design and Protocol (II)	
NET 26-2	1569077512	Simultaneous Handover Support for Mobile Networks on Vehicles	Thu am1	Vertical Handover and Cognitive Radio (II)	
PHY 32-3	1569077524	Interference Coordination vs. Interference Randomization in Multicell 3GPP LTE System	Wed pm2	Cellular Systems	
NET 18-5	1569077526	Developing Security Solutions for Wireless Mesh Enterprise Networks	Wed am2	Network Security (I)	
PHY 50-5	1569077533	Performance Analysis of Incremental Relaying Cooperative Diversity Networks over Rayleigh Fading Channels	Thu pm2	Cooperative Communications (III)	
MAC 12-5	1569077540	Throughput and Energy Efficiency of Bluetooth v2 + EDR in Fading Channels	Wed am2	Throughput	
PHY 39-4	1569077556	Training structure design optimization for continuous time-varying fading channels	Thu am2	Fading Channels (II)	
NET 30-1	1569077557	Cooperative Multi-Hop Wireless Sensor-Actuator Networks: Exploiting Actuator-Cooperation and Cross-Layer Optimizations	Thu pm1	Wireless Sensor Networks (VII)	
SAA 09-3	1569077558	Implementing QoS Support in a Wireless Home Network	Thu pm1	Emerging Wireless/Mobile Networking Applications (II)	
PHY 18-3	1569077560	Iterative Decoding of Serial Concatenated Differential Space-Time Block Coding under Unknown Fading	Wed am1	Space-Time Coding (II)	
PHY 05-5	1569077563	Two-Stage Code Acquisition Employing Search Space Reduction and Iterative Detection in the DS-UWB Downlink	Mon am2	UWB	
PHY 11-2	1569077565	Architecture of a 802.11b Access Point with Single-Packet Radiolocation	Tue pm1	Localization and Ranging	
NET 10-4	1569077569	Minimizing Control Management Overhead for Scalable Mobile Ad-hoc Networks	Tue pm2	MANET (II)	
PHY 41-2	1569077572	A Joint Utility-lifetime Optimization Algorithm for Cooperative MIMO Sensor Networks	Thu am2	MIMO and Wireless Networks (II)	
SAA 05-5	1569077578	On the deployment of Mobile Trusted Modules	Wed am2	Security Techniques and Systems	
PHY 06-3	1569077592	Low Complexity Approximate Maximum Likelihood Detectors for MIMO Multiplexing Systems	Mon am2	MIMO Receivers (I)	
NET 32-2	1569077603	On the accurate simulation of TCP behavior over error-prone wireless links with memory	Thu pm1	Network Design and Protocol (II)	
PHY 27-1	1569077604	An Energy-efficient V-BLAST Based Cooperative MIMO Transmission Scheme for Wireless Sensor Networks	Wed pm1	MIMO/BLAST	
NET 19-3	1569077606	Energy-Efficient Routing in Wireless Sensor Networks Using Probabilistic Strategies	Wed pm1	Wireless Sensor Networks (VI)	

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Track	Paper #	Paper Name	Date	Session Name	PID
MAC 10-4	1569077614	Frequency Selective OFDMA Scheduler with Limited Feedback	Wed am1	OFDM (I)	
PHY 29-4	1569077616	Optimal Transmission Range for Minimum Energy Consumption in Wireless Sensor Networks	Wed pm1	Wireless Sensor Networks	
NET 23-5	1569077617	REACH: A Roaming-Enabled Architecture for Multi-Layer Capturing	Wed pm2	Vertical Handover and Cognitive Radio (I)	
NET 30-2	1569077624	Network-Assisted Sink Navigation Protocols for Data Harvesting in Sensor Networks	Thu pm1	Wireless Sensor Networks (VII)	
NET 30-3	1569077631	Communication Architecture to Support Multiple Mobile Users in Wireless Sensor Networks	Thu pm1	Wireless Sensor Networks (VII)	
PHY 47-2	1569077635	Directional Dependence of Large Scale Parameters in Wireless Channel Models	Thu pm2	Channel Characterization and Modeling	
NET 33-4	1569077638	A Maximum-Throughput Call Admission Control Policy for CDMA Beamforming Systems	Thu pm2	Load Balancing and Call Admission Control	
PHY 42-5	1569077640	Synchronization Performance Comparison between Adaptive Filter and Correlator	Thu am2	Adaptive Systems	
MAC 18-5	1569077644	An Optimal Admission Control Policy for CDMA Multiple Antenna Systems with QoS Constraints	Thu am1	Multiple Antenna Systems	
NET 28-3	1569077654	A Predictive Movement Based Handover Algorithm for Broadband Wireless Networks	Thu am2	Localization and Mobility Management (II)	
MAC 21-3	1569077656	ClearBurst: Burst Scheduling for Contention-Free Transmissions in Sensor Networks	Thu am2	Sensor Networks	
MAC 03-4	1569077658	On Throughput Limit of Multi-rate IEEE 802.11 WLANs: Basic Access vs. RTS/CTS Access	Mon am2	802.11 and 802.16	
NET 09-2	1569077663	Soft QoS in CSMA/CA-based Wireless Mesh Networks	Tue pm1	Wireless Mesh Networks (III)	
PHY 32-1	1569077664	Downlink Control Channel Design for 3GPP LTE	Wed pm2	Cellular Systems	
NET 34-5	1569077674	An Intelligent Tunneling Framework for Always Best Connected Support in Network Mobility (NEMO)	Thu pm2	Localization and Mobility Management (III)	
PHY 25-4	1569077677	Segmented Equalization for OFDM systems with Phase Noise	Wed am2	OFDM (II)	
NET 30-4	1569077680	Performance of a WSN in the presence of channel variations and interference	Thu pm1	Wireless Sensor Networks (VII)	
MAC 22-4	1569077683	Advanced Spectrum Management in Multicell OFDMA Networks Enabling Cognitive Radio Usage	Thu pm1	OFDM (III)	
PHY 10-4	1569077687	Packet Oriented Error Correcting Codes Using Vandermonde Matrices and Shift Operators	Tue pm1	Coding (I)	
NET 24-4	1569077688	An Enhanced Routing Metric for Fading Wireless Channels	Thu am1	Routing (II)	
NET 31-4	1569077689	A Novel Dynamic Directional Cell Breathing Mechanism with Rate Adaptation for Congestion Control in WCDMA Networks	Thu pm1	Cellular Networks (II)	
PHY 49-3	1569077695	Low Complexity Active Interference Cancellation for OFDM Cognitive Radios	Thu pm2	OFDM (III)	
MAC 07-4	1569077697	Cross-Layer Multiservice Scheduling for Mobile WiMAx Systems	Tue pm2	Cross-Layer Design	

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Track	Paper #	Paper Name	Date	Session Name	PID
NET 05-4	1569077702	Virtual Flow Queueing for Improving TCP Performance over IEEE 802.11 WLANs	Mon am2	WLAN/IEEE 802.11	
NET 31-5	1569077706	Outage Probability Analysis for Sectored Cellular Networks	Thu pm1	Cellular Networks (II)	
SAA 10-2	1569077709	Modeling an Opportunistic Spectrum Sharing System with Correlated Arrival Process	Thu pm2	Application/Service/Network Performance Characterization	
PHY 30-2	1569077714	3-Dimensional Channel Modeling using Spherical Statistics for Multiple Input Multiple Output Systems	Wed pm2	MIMO Channel Models	
NET 28-4	1569077717	Toward Mobility and Multihoming Unification The SHIM6 Protocol : A Case Study	Thu am2	Localization and Mobility Management (II)	
SAA 01-1	1569077722	A Generic Layer Model for Context-Aware Communication Adaptation	Mon am1	Middleware Support for Wireless/Mobile Applications	
MAC 20-4	1569077730	A Maximal Power-Conserving Scheduling Algorithm for Broadband Wireless Networks	Thu am2	Scheduling	
MAC 05-5	1569077734	Performance Modeling of Power Saving Classes with Multiple Connections in IEEE 802.16e Broadband Wireless Networks	Tue pm1	802.16	
NET 30-5	1569077736	Synchronization Service Integrated into Routing Layer in Wireless Sensor Networks	Thu pm1	Wireless Sensor Networks (VII)	
PHY 35-4	1569077746	Robust Acquisition of Hybrid Direct Sequence-Slow Frequency Hopping Spread-Spectrum under Multi-tone and Gaussian Interference in Fading Channels	Thu am1	Interference Mitigation	
PHY 09-1	1569077747	Joint ML Estimation of Channel and RF Chain Responses with Noisy Side Information	Mon am2	Fading Channels (I)	
PHY 40-3	1569077754	Double Repeat-Punctured Turbo Coded Cooperative Diversity Scheme	Thu am2	Turbo Codes	
NET 03-5	1569077757	Multichannel Wormhole Switching vs. CSMA/CA for Wireless Mesh Networking	Mon am1	Wireless Mesh Networks (I)	
PHY 40-1	1569077758	ARP and QPP Interleavers for LTE Turbo Coding	Thu am2	Turbo Codes	
PHY 12-3	1569077759	On the Performance of Concatenated Space-Frequency Block Coding for OFDM Systems	Tue pm1	Coded OFDM	
PHY 22-5	1569077760	Stochastic spectrum pool reassignment for cognitive relay systems	Wed am2	Cooperative Communications (II)	
MAC 17-2	1569077762	A Fragmentation-based Data Collision Free MAC Protocol with Power Control for Wireless Ad Hoc Networks	Wed pm2	Ad Hoc Networks	
MAC 14-4	1569077764	An Opportunistic Scheduling Scheme with Minimum Data-Rate Guarantees for OFDMA	Wed pm1	OFDM (II)	
MAC 19-4	1569077764	An Opportunistic Scheduling Scheme with Minimum Data-Rate Guarantees for OFDMA	Thu am1	MIMO	
PHY 03-2	1569077774	An Efficient Spatial-Amplitude Diversity Technique for Multicarrier On-Off-Keying Communication Systems	Mon am1	Diversity	
NET 22-4	1569077776	WiMAX Fast-moving Access Network	Wed pm2	WiMAX/IEEE 802.16	
NET 19-4	1569077781	Connectivity-Aware Network Maintenance and Repair via Relays Deployment	Wed pm1	Wireless Sensor Networks (VI)	

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Track	Paper #	Paper Name	Date	Session Name	PID
PHY 15-1	1569077784	A Suboptimal LQ Power Control Algorithm for a CDMA Wireless System	Tue pm2	CDMA	
PHY 49-4	1569077787	On the Cyclostationarity of OFDM and Single Carrier Linearly Digitally Modulated Signals in Time Dispersive Channels with Applications to Modulation Recognition	Thu pm2	OFDM (III)	
PHY 29-3	1569077790	Energy efficient Cooperative Technique for IEEE 1451 based Wireless Sensor Network	Wed pm1	Wireless Sensor Networks	
PHY 04-4	1569077796	LDPC Coded Adaptive Transmission over Fading Channels	Mon am1	LDPC Codes	
PHY 45-2	1569077798	On the Optimality of Frequency-Domain Equalization in DFT-Spread MIMO-OFDM Systems	Thu pm1	MIMO-OFDM (III)	
NET 13-1	1569077799	A Collaborative Quasi-Linear Programming Framework for Ad Hoc Sensor Localization	Wed am1	Wireless Sensor Networks (IV)	
PHY 31-5	1569077815	The Multivariate α-μ Distribution	Wed pm2	Communications Theory	
PHY 41-3	1569077832	Alternate Transmission Relaying Schemes for MIMO Wireless Networks	Thu am2	MIMO and Wireless Networks (II)	
NET 26-3	1569077842	ECHO: A Quality of Service based Endpoint Centric Handover scheme for VoIP	Thu am1	Vertical Handover and Cognitive Radio (II)	
SAA 08-2	1569077847	A Novel Fair Incentive Protocol for Mobile Ad Hoc Networks	Thu am1	Techniques for Improved Service/Application Performance (III)	
SAA 07-5	1569077848	Senslets -- Applets for the Sensor Internet	Wed pm2	Techniques for Improved Service/Application Performance (II)	
NET 09-3	1569077850	Solar Powered WLAN Mesh Network Provisioning for Temporary Deployments	Tue pm1	Wireless Mesh Networks (III)	
PHY 13-4	1569077852	Robust Transmission for Multiuser MIMO Downlink Systems with Imperfect CSIT	Tue pm1	Multiuser MIMO	
PHY 25-2	1569077854	Digital Baseband Compensation of I/Q Imbalance in Mobile OFDM	Wed am2	OFDM (II)	
PHY 39-3	1569077858	Simulation of Doubly Selective Compound K Fading Channels for Mobile-to-Mobile Communications	Thu am2	Fading Channels (II)	
SAA 08-3	1569077867	A New Dynamic Group Key Management Scheme with Low Rekeying Cost	Thu am1	Techniques for Improved Service/Application Performance (III)	
NET 26-4	1569077868	Performance Evaluation of vertical handover mechanisms in IP networks	Thu am1	Vertical Handover and Cognitive Radio (II)	
MAC 08-3	1569077875	A Resource Allocation Scheme for TH-UWB Networks with Multiple Sinks	Tue pm2	Resource Allocation	
NET 29-5	1569077886	Energy-aware Co-operative (ECO) Relay-Based Packet Transmission in Wireless Networks	Thu am2	Network Design and Protocol (I)	
PHY 01-5	1569077890	Subspace Blind Channel Estimation for MIMO-OFDM Systems with Reduced Time Averaging Intervals	Mon am1	MIMO-OFDM (I)	
NET 15-1	1569077891	QoS for Ad Hoc Networks Using an Empirical Model	Wed am1	MANET (III)	
PHY 20-3	1569077892	Orthogonalizing Transmission in MIMO with Linear Receiver and Finite MCS Set	Wed am1	MIMO and Wireless Networks (I)	
MAC 13-5	1569077895	Design and Analysis of a MAC Protocol for Vehicle to Roadside Networks	Wed pm1	Medium Access Control	

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Track	Paper #	Paper Name	Date	Session Name	PID
SAA 06-2	1569077897	Artificial Code Puncturing for Wireless Networks	Wed pm1	Techniques for Improved Service/Application Performance (I)	
PHY 23-2	1569077916	Improved Bounds on the Performance of Convolutional Codes over the Correlated Rayleigh-Fading Channel	Wed am2	Coding (II)	
PHY 11-1	1569077918	An Improved Method for GPS-based Network Position Location in Forests	Tue pm1	Localization and Ranging	
NET 15-2	1569077920	Estimation of Link Quality and Residual Time in Vehicular Ad Hoc Networks	Wed am1	MANET (III)	
NET 05-5	1569077921	Slim ARQ for Reliable Broadcasting in Wireless LANs	Mon am2	WLAN/IEEE 802.11	
MAC 02-5	1569077925	Aggregate Information Efficiency and Packet Delay in Wireless Ad Hoc Networks	Mon am1	Delay and Throughput	
NET 25-2	1569077929	Efficient Algorithm for Reducing Delay Variation on Delay-bounded Multicast Trees in Heterogeneous Networks	Thu am1	Wireless Heterogeneous Networks (II)	
PHY 04-3	1569077930	Decoding on Graphs: LDPC-Coded MISO Systems and Belief Propagation	Mon am1	LDPC Codes	
MAC 10-5	1569077932	An Efficient and Fair Scheduling Scheme for Multiuser OFDM Wireless Networks	Wed am1	OFDM (I)	
PHY 03-5	1569077935	Throughput of Distributed Cyclic Delay Diversity MC-CDMA Relaying over Nakagami-m Fading Channels	Mon am1	Diversity	
SAA 06-3	1569077937	Performance Analysis Framework and Vertical Handover Triggering Algorithms for Voice over WLAN/Cellular Network	Wed pm1	Techniques for Improved Service/Application Performance (I)	
NET 15-3	1569077938	QoS Architecture in Ad Hoc Networks: Effects of Shadow Classes and ECN to Regulate the Load	Wed am1	MANET (III)	
PHY 46-3	1569077940	Distributed Cyclic Spectrum Feature-Based Modulation Classification	Thu pm1	Wireless Systems	
PHY 51-3	1569077944	Realtime Multi-User Multiantenna Downlink Measurements	Thu pm2	MIMO Receivers (III)	
PHY 21-5	1569077948	On the Out-of-Band Radiation Reduction in OFDM Systems	Wed am1	OFDM PAPR	
MAC 20-5	1569077950	Analytic Expression for the Throughput of Proportional Fairness Scheduling	Thu am2	Scheduling	
NET 27-3	1569077956	Combining TLS and TPMs to Achieve Device and User Authentication for Wi-Fi and WiMAX Citywide Networks	Thu am2	Network Security (III)	
MAC 25-5	1569077960	Experimental BER Performance Evolution of Equalizations and Matched Filter Bounds for Single-Carrier WiMax Radio in 3.5 GHz	Thu pm2	WiMAX	
NET 26-5	1569077961	Vertical Handoff Decision Scheme Using MADM for Wireless Networks	Thu am1	Vertical Handover and Cognitive Radio (II)	
NET 25-3	1569077964	User-Centric Optimum Radio Access Selection in Heterogeneous Wireless Networks based on Neural Network Dynamics	Thu am1	Wireless Heterogeneous Networks (II)	
NET 24-5	1569077967	iETT: A Quality Routing Metric for Multi-rate Multi-hop Networks	Thu am1	Routing (II)	

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Track	Paper #	Paper Name	Date	Session Name	PID
MAC 21-4	1569077974	On Energy-Efficient and Low-Latency Medium Access Control in Wireless Sensor Networks	Thu am2	Sensor Networks	
MAC 04-5	1569077977	Replacement of Spectrum Sensing and Avoidance of Hidden Terminal for Cognitive Radio	Mon am2	Cognitive Communications	
NET 28-5	1569077979	Towards an architecture for mobility management and resources control	Thu am2	Localization and Mobility Management (II)	
NET 09-4	1569077981	Optimal Node Placement in Hybrid Solar Powered WLAN Mesh Networks	Tue pm1	Wireless Mesh Networks (III)	
PHY 19-5	1569077983	Repeating or Relaying in Wireless Systems	Wed am1	Cooperative Relays	
NET 13-2	1569077984	Clusterization for Robust Geographic Routing in Wireless Sensor Networks	Wed am1	Wireless Sensor Networks (IV)	
PHY 39-2	1569077990	Performance Analysis of a PASD Antenna System In Rayleigh Fading Channels	Thu am2	Fading Channels (II)	
NET 12-5	1569077999	A Probabilistic Lifetime Analysis for Clustered Wireless Sensor Networks	Tue pm2	Wireless Sensor Networks (III)	
MAC 17-3	1569078001	A MAC-PHY Cross-Layer Protocol for Ad Hoc Wireless Networks	Wed pm2	Ad Hoc Networks	
NET 13-3	1569078003	Coordination and Selfishness in Attacks on Visual Sensor Networks	Wed am1	Wireless Sensor Networks (IV)	
PHY 07-4	1569078005	Potential of Code Division Multiplexing (CDM) and Spatial Diversity in Future Broadband OFDM Systems	Mon am2	OFDM (I)	
NET 11-2	1569078007	Joint Routing and Gateway Selection in Wireless Mesh Networks	Tue pm2	Wireless Mesh Networks (IV)	
PHY 50-2	1569078009	Cooperative Processing for the WLAN Uplink	Thu pm2	Cooperative Communications (III)	
SAA 06-4	1569078016	An Optimal UEP Scheme of Audio Transmission over MIMO Wireless Links	Wed pm1	Techniques for Improved Service/Application Performance (I)	
NET 27-4	1569078017	Energy-Distortion-Authentication Optimized Resource Allocation for Secure Wireless Image Streaming	Thu am2	Network Security (III)	
PHY 08-2	1569078022	Linear Dispersion Codes for MIMO Channels with Limited Feedback	Mon am2	Space-Time Coding (I)	
MAC 08-4	1569078025	Analysis of Distributed Reservation Protocol for UWB-based WPANs with ECMA-368 MAC	Tue pm2	Resource Allocation	
SAA 01-2	1569078026	Profile-Cast: Behavior-Aware Mobile Networking	Mon am1	Middleware Support for Wireless/Mobile Applications	
NET 11-3	1569078028	QoS-Enabled Power Saving Access Points for IEEE 802.11e Networks	Tue pm2	Wireless Mesh Networks (IV)	
MAC 09-4	1569078034	Node Activation Based on Link Distance (NA-BOLD) for Geographic Transmissions in Fading Channels	Wed am1	RFID and Sensor Networks	
NET 33-5	1569078036	An End-to-End Measurement-Based Admission Control Policy for VoIP over Wireless Networks	Thu pm2	Load Balancing and Call Admission Control	
MAC 08-5	1569078043	Performance Analysis of Slotted Carrier Sense IEEE 802.15.4 Acknowledged Uplink Transmissions	Tue pm2	Resource Allocation	
SAA 01-3	1569078046	SMILE, a Simple Middleware Independent LayEr for distributed mobile applications	Mon am1	Middleware Support for Wireless/Mobile Applications	

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Track	Paper #	Paper Name	Date	Session Name	PID
SAA 04-4	1569078049	Dynamic Packet Selection for H.264 Video Streaming over IEEE 802.11e WLANs	Wed am1	Multimedia QoS Support	
NET 32-3	1569078051	A Data Transmission Control to Maximize Discharge Capacity of Battery	Thu pm1	Network Design and Protocol (II)	
MAC 15-4	1569078060	Fair and Efficient TCP Access in IEEE 802.11 WLANs	Wed pm2	802.11 (II)	
PHY 07-5	1569078068	Wireless OFDM-OQAM with a Small Number of Subcarriers	Mon am2	OFDM (I)	
SAA 09-4	1569078069	Using Swarm Intelligence and Bayesian Inference for Aircraft Interrogation	Thu pm1	Emerging Wireless/Mobile Networking Applications (II)	
PHY 04-2	1569078070	Cooperative Communications Using Scalable, Medium Block-length LDPC Codes	Mon am1	LDPC Codes	
SAA 10-3	1569078074	The effect of mobility on the user-level fairness of a 3G wireless technology (EV-DO)	Thu pm2	Application/Service/Network Performance Characterization	
NET 20-4	1569078075	Adaptive Routing in Dynamic Ad Hoc Networks	Wed pm1	Routing (I)	
NET 27-5	1569078079	A Mechanism Design-Based Multi-Leader Election Scheme for Intrusion Detection in MANET	Thu am2	Network Security (III)	
MAC 11-2	1569078081	A Payload-Dropping CSMA/CA Protocol for Improving Spatial Reuse of Wireless Local and Personal Area Networks	Wed am2	Wireless Networks (I)	
SAA 01-4	1569078083	A Cluster-based Middleware for Infrastructure Wireless Mesh Networks	Mon am1	Middleware Support for Wireless/Mobile Applications	
SAA 10-4	1569078084	Characterizing Multi-Hop Communication in Vehicular Networks	Thu pm2	Application/Service/Network Performance Characterization	
MAC 15-5	1569078091	Adaptive Tuning of MIMO-enabled 802.11e WLANs with Network Utility Maximization	Wed pm2	802.11 (II)	
NET 20-5	1569078095	TART: Traffic-Aware Routing Tree for Geographical Routing	Wed pm1	Routing (I)	
MAC 11-3	1569078097	Exploiting Physical Layer Capture for Greater Spatial Reuse in Multihop Wireless Networks	Wed am2	Wireless Networks (I)	
NET 07-5	1569078098	Mobility-assisted Location Management for Vehicular Ad Hoc Networks	Tue pm1	Vehicular Networks	
MAC 06-5	1569078100	Achievable Rates for the Three User Cooperative Multiple Access Channel	Tue pm1	Cooperative Communications	
PHY 34-2	1569078115	Interference in a cognitive network with beacon	Thu am1	Cognitive Radio	
MAC 16-2	1569078122	Linear wireless networks with variable length and density: scaling laws and design considerations	Wed pm2	Wireless Networks (II)	
PHY 24-3	1569078125	SNR Measurement Free Adaptive K-Best Algorithm for MIMO System	Wed am2	MIMO Receivers (II)	
NET 11-4	1569078127	Mobility-Aware Multi-Path Forwarding Scheme for Wireless Mesh Networks	Tue pm2	Wireless Mesh Networks (IV)	
PHY 28-3	1569078138	In-band Sensing without Quiet Period in Cognitive Radio	Wed pm1	Spectrum Sensing	
PHY 03-4	1569078148	On the Benefit of Decorrelation in Dual-Branch Switch-and-Stay Combining in Rician Fading	Mon am1	Diversity	
NET 13-4	1569078157	THTA: Triangle-shaped Hierarchy Aggregation Time Allocation Algorithm for Wireless Sensor Networks	Wed am1	Wireless Sensor Networks (IV)	

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MAC 17-4	1569078160	A layered approach to modelling and design of cross-layer protocols in ad-hoc wireless networks	Wed pm2	Ad Hoc Networks	
MAC 23-5	1569078163	Content-aware ARQ for H.264 Streaming in UTRAN	Thu pm1	Topics in Communications	
MAC 14-5	1569078166	Optimal Efficient Discrete Resource Allocation for OFDMA Systems	Wed pm1	OFDM (II)	
MAC 19-5	1569078166	Optimal Efficient Discrete Resource Allocation for OFDMA Systems	Thu am1	MIMO	
NET 22-5	1569078169	A Cross-Layer Partner-Assisted Handoff Scheme for Hierarchical Mobile IPv6 in IEEE 802.16e Systems	Wed pm2	WiMAX/IEEE 802.16	
NET 15-4	1569078173	Cross-layer Hop-by-Hop Congestion Control in Mobile Ad Hoc Networks	Wed am1	MANET (III)	
MAC 03-5	1569078178	A packet size control algorithm for IEEE 802.16e	Mon am2	802.11 and 802.16	
NET 11-5	1569078179	A Novel Capacity Analysis for Wireless Backhaul Mesh Networks	Tue pm2	Wireless Mesh Networks (IV)	
PHY 34-1	1569078180	Automatic Construction of Cognitive Radio Network	Thu am1	Cognitive Radio	
NET 32-4	1569078183	How Much Improvement Can We Get From Partially Overlapped Channels?	Thu pm1	Network Design and Protocol (II)	
PHY 46-4	1569078185	Low-Complexity Iterative Carrier Synchronization for Short Packet Turbo Receiver	Thu pm1	Wireless Systems	
NET 25-4	1569078187	An Investigation of Primary Transmitter Detection Techniques in Cognitive Radio Networks from Network Optimization Perspective	Thu am1	Wireless Heterogeneous Networks (II)	
NET 09-5	1569078189	QoS Support Over UWB Mesh Networks	Tue pm1	Wireless Mesh Networks (III)	
PHY 05-2	1569078192	Error Performance of Pulse Shape Modulation for UWB Communication with MRC and EGC RAKE Receivers	Mon am2	UWB	
SAA 04-5	1569078194	A Framework of Cross-Layer Superposition Coded Multicast for Robust IPTV Services over WiMAX	Wed am1	Multimedia QoS Support	
SAA 10-5	1569078195	On the Accuracy of Sampling Schemes for Wireless Network Characterization	Thu pm2	Application/Service/Network Performance Characterization	
PHY 16-4	1569078196	Optimal Training Length for MIMO Systems with Transmit Antenna Correlation	Tue pm2	MIMO Transmission Systems	
PHY 41-4	1569078199	Sum Rate Maximization of MIMO Broadcast Channels with Coordination of Base Stations	Thu am2	MIMO and Wireless Networks (II)	
PHY 47-1	1569078201	Clustering Characteristics of Millimeter Wave Indoor Channels	Thu pm2	Channel Characterization and Modeling	
PHY 35-1	1569078203	Coexistence Empirical Study and Analytical Model for Low-Rate WPANand IEEE 802.11b	Thu am1	Interference Mitigation	
SAA 09-5	1569078205	A Systematic Probabilistic Approach for Estimation in Dense Wireless Sensor Networks	Thu pm1	Emerging Wireless/Mobile Networking Applications (II)	
PHY 07-1	1569078208	Analysis of Interference Effects in MB-OFDM UWB Systems	Mon am2	OFDM (I)	
PHY 11-3	1569078212	Enhancements to Linear Least Squares Localization Through Reference Selection and ML Estimation	Tue pm1	Localization and Ranging	
MAC 16-3	1569078229	Cell Planning for Cooperative Transmission	Wed pm2	Wireless Networks (II)	

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NET 32-5	1569078247	An Equilibrium Policy for Providing End-to-end Service Level Agreements in Interdomain Network	Thu pm1	Network Design and Protocol (II)	
NET 10-5	1569078252	RSRP: A Robust Secure Routing Protocol for Mobile Ad hoc Networks	Tue pm2	MANET (II)	
NET 08-5	1569078258	RTRD: Real-Time and Reliable Data Delivery in Ad Hoc Networks	Tue pm1	MANET (I)	
PHY 38-1	1569078262	Channel mean feedforwarded cooperative demodulation in OFDM system	Thu am2	Cooperative OFDM Systems	
PHY 37-5	1569078275	Spectral Efficiency of Orthogonal Set of Truncated MC-CDMA Signals Using Discrete Prolate Spheroidal Sequences	Thu am1	Multicarrier Systems	
NET 15-5	1569078282	A Novel Incentive-Based and Hardware-Independent Cooperation Mechanism for MANETs	Wed am1	MANET (III)	
NET 25-5	1569078299	Lower and upper bounds for throughput capacity of a cognitive ad hoc network overlaid on a cellular network	Thu am1	Wireless Heterogeneous Networks (II)	
PHY 34-3	1569078308	Joint Power and Channel Allocation for Cognitive Radios	Thu am1	Cognitive Radio	
SAA 08-4	1569078310	Design of 3G Wireless Networks with Access Concentrators	Thu am1	Techniques for Improved Service/Application Performance (III)	
NET 04-5	1569078314	XLRP: Cross Layer Routing Protocol for Wireless Sensor Networks	Mon am2	Wireless Sensor Networks (II)	
NET 19-5	1569078335	Analysis for Localization-Oriented Coverage in Camera Sensor Networks	Wed pm1	Wireless Sensor Networks (VI)	
MAC 16-4	1569078342	Network Coding Via Opportunistic Forwarding in Wireless Mesh Networks	Wed pm2	Wireless Networks (II)	
NET 13-5	1569078355	Collaborative Target Localization in Camera Sensor Networks	Wed am1	Wireless Sensor Networks (IV)	
PHY 18-1	1111111111	Distributed Linear Convolutive Space-Time Codes Achieving Asynchronous Full Cooperative Diversity With MMSE-DFE Receivers	Wed am1	Space-Time Coding (II)	554952
PHY 30-1	1111111111	Statistical Properties of Wideband MIMO Mobile-to-Mobile Channels. Authors, Alenka G. Zaji´c and Gordon L. St¨uber	Wed pm2	MIMO Channel Models	555062
PHY 43-1	1111111111	Approximate Eigenstructure of LTV Channels and Pulse Shaping	Thu pm1	Channel Estimation	556293
MAC 07-1	1111111111	Cross-Layer Optimization based on Partial Local Knowledge	Tue pm2	Cross-Layer Design	556659