# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 1 | PHY 01-1 | 1569066399 | A postfix synchronization method for OFDM and MIMO-OFDM systems | Mon am1 | MIMO-OFDM (I) | |
| 2 | PHY 01-2 | 1569071286 | Iterative Receiver for MIMO-OFDM Systems with Joint ICI Cancellation and Channel Estimation | Mon am1 | MIMO-OFDM (I) | |
| 3 | 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) | |
| 4 | PHY 01-4 | 1569072310 | MIMO OFDM Physical Layer Real-Time Prototyping | Mon am1 | MIMO-OFDM (I) | |
| 5 | PHY 01-5 | 1569077890 | Subspace Blind Channel Estimation for MIMO-OFDM Systems with Reduced Time Averaging Intervals | Mon am1 | MIMO-OFDM (I) | |
| 6 | PHY 02-1 | 1569075532 | Cooperative Transmission in a Wireless Cluster based on Flow Management | Mon am1 | Cooperative Communications (I) | |
| 7 | PHY 02-2 | 1569076308 | Efficient Cooperative Diversity Schemes and Radio Resource Allocation for IEEE 802.16j | Mon am1 | Cooperative Communications (I) | |
| 8 | PHY 02-3 | 1569073126 | Quantize-and-Forward Relaying with M-ary Phase Shift Keying | Mon am1 | Cooperative Communications (I) | |
| 9 | PHY 02-4 | 1569075339 | Semi-Orthogonal Relay Selection and Beamforming for Amplify-and-Forward MIMO Relay Channels | Mon am1 | Cooperative Communications (I) | |
| 10 | PHY 03-1 | 1569074867 | A Simple, Accurate Approximation for the Outage Probability of Equal-Gain Receivers with Cochannel Interference in an $\alpha$-$\mu$ Fading Scenario | Mon am1 | Diversity | |
| 11 | PHY 03-2 | 1569077774 | An Efficient Spatial-Amplitude Diversity Technique for Multicarrier On-Off-Keying Communication Systems | Mon am1 | Diversity | |
| 12 | PHY 03-3 | 1569077109 | Effects of Antenna Correlation on Spatial Diversity and Multiuser Diversity | Mon am1 | Diversity | |
| 13 | PHY 03-4 | 1569078148 | On the Benefit of Decorrelation in Dual-Branch Switch-and-Stay Combining in Rician Fading | Mon am1 | Diversity | |
| 14 | PHY 03-5 | 1569077935 | Throughput of Distributed Cyclic Delay Diversity MC-CDMA Relaying over Nakagami-m Fading Channels | Mon am1 | Diversity | |
| 15 | PHY 04-1 | 1569074584 | A Hybrid ARQ Scheme Based on Shortened Low-Density Parity-Check Codes | Mon am1 | LDPC Codes | |
| 16 | PHY 04-2 | 1569078070 | Cooperative Communications Using Scalable, Medium Block-length LDPC Codes | Mon am1 | LDPC Codes | |
| 17 | PHY 04-3 | 1569077930 | Decoding on Graphs: LDPC-Coded MISO Systems and Belief Propagation | Mon am1 | LDPC Codes | |
| 18 | PHY 04-4 | 1569077796 | LDPC Coded Adaptive Transmission over Fading Channels | Mon am1 | LDPC Codes | |
| 19 | PHY 04-5 | 1569071711 | Sphere-Packing Modulation Aided Space-Time Coding Using Non-Binary LDPC-Coded Iterative-Detection | Mon am1 | LDPC Codes | |
| 20 | PHY 05-1 | 1569077478 | A Semi-Analytic Method for BER Performance of Rake-Based UWB Receivers | Mon am2 | UWB | |
| 21 | PHY 05-2 | 1569078192 | Error Performance of Pulse Shape Modulation for UWB Communication with MRC and EGC RAKE Receivers | Mon am2 | UWB | |
| 22 | PHY 05-3 | 1569069789 | Low Complexity and High Performance Equalizer Design for UWB | Mon am2 | UWB | |
| 23 | PHY 05-4 | 1569074536 | Statistical Analysis of the IEEE802.15.4a UWB PHY over Multipath Channels | Mon am2 | UWB | |
| 24 | PHY 05-5 | 1569077563 | Two-Stage Code Acquisition Employing Search Space Reduction and Iterative Detection in the DS-UWB Downlink | Mon am2 | UWB | |
| 25 | 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) | |
| 26 | PHY 06-2 | 1569071280 | A universal systolic array for linear MIMO detections | Mon am2 | MIMO Receivers (I) | |

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|---|---|---|---|---|---|---|
| 27 | PHY 06-3 | 1569077592 | Low Complexity Approximate Maximum Likelihood Detectors for MIMO Multiplexing Systems | Mon am2 | MIMO Receivers (I) | |
| 28 | PHY 06-4 | 1569072824 | Reduced-Complexity MIMO Detection Using Adaptive Set Partitioning | Mon am2 | MIMO Receivers (I) | |
| 29 | PHY 07-1 | 1569078208 | Analysis of Interference Effects in MB-OFDM UWB Systems | Mon am2 | OFDM (I) | |
| 30 | PHY 07-2 | 1569070422 | Low Complexity Transceiver Scheme for D-STTD OFDM System with Antenna Shuffling | Mon am2 | OFDM (I) | |
| 31 | PHY 07-3 | 1569073580 | Oversampled Orthogonal Frequency Division Multiplexing in Doubly Selective Fading | Mon am2 | OFDM (I) | |
| 32 | PHY 07-4 | 1569078005 | Potential of Code Division Multiplexing (CDM) and Spatial Diversity in Future Broadband OFDM Systems | Mon am2 | OFDM (I) | |
| 33 | PHY 07-5 | 1569078068 | Wireless OFDM-OQAM with a Small Number of Subcarriers | Mon am2 | OFDM (I) | |
| 34 | PHY 08-1 | 1569072266 | Improving STBC performance in IEEE 802.11n using group-orthogonal frequency diversity | Mon am2 | Space-Time Coding (I) | |
| 35 | PHY 08-2 | 1569078022 | Linear Dispersion Codes for MIMO Channels with Limited Feedback | Mon am2 | Space-Time Coding (I) | |
| 36 | PHY 08-3 | 1569070281 | Performance Analysis of Diversity-Embedded Space-Time Block Codes | Mon am2 | Space-Time Coding (I) | |
| 37 | PHY 08-4 | 1569069831 | Space Time Coding with Unequal Modulations | Mon am2 | Space-Time Coding (I) | |
| 38 | PHY 09-1 | 1569077747 | Joint ML Estimation of Channel and RF Chain Responses with Noisy Side Information | Mon am2 | Fading Channels (I) | |
| 39 | PHY 09-2 | 1569076907 | L2 Approximation Error Evaluation for the Inverse of Mixing-Phase Systems and Channel Equalization Applications | Mon am2 | Fading Channels (I) | |
| 40 | PHY 09-3 | 1569076864 | Near-Optimal Low Complexity MLSE Equalization | Mon am2 | Fading Channels (I) | |
| 41 | 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) | |
| 42 | PHY 09-5 | 1569069983 | Quantized feedback for spatial multiplexing system | Mon am2 | Fading Channels (I) | |
| 43 | 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) | |
| 44 | PHY 10-2 | 1569076951 | Decoding with Early Termination for Rateless (Luby Transform) Codes | Tue pm1 | Coding (I) | |
| 45 | PHY 10-3 | 1569069294 | Improving BER Performance of T-DMB System by Error/Erasure Correction in RS Codes | Tue pm1 | Coding (I) | |
| 46 | PHY 10-4 | 1569077687 | Packet Oriented Error Correcting Codes Using Vandermonde Matrices and Shift Operators | Tue pm1 | Coding (I) | |
| 47 | PHY 10-5 | 1569076899 | The throughput analysis of different IR-HARQ schemes based on fountain codes | Tue pm1 | Coding (I) | |
| 48 | PHY 11-1 | 1569077918 | An Improved Method for GPS-based Network Position Location in Forests | Tue pm1 | Localization and Ranging | |
| 49 | PHY 11-2 | 1569077565 | Architecture of a 802.11b Access Point with Single-Packet Radiolocation | Tue pm1 | Localization and Ranging | |
| 50 | PHY 11-3 | 1569078212 | Enhancements to Linear Least Squares Localization Through Reference Selection and ML Estimation | Tue pm1 | Localization and Ranging | |
| 51 | PHY 11-4 | 1569069944 | Novel Ultra Wideband Low Complexity Ranging Using Different Channel Statistics | Tue pm1 | Localization and Ranging | |
| 52 | PHY 11-5 | 1569076897 | Trade-Off Driven Hybrid Wideband Source Localization Algorithm for Acoustic Sensors | Tue pm1 | Localization and Ranging | |
| 53 | PHY 12-1 | 1569070468 | A High Throughput Technique for OFDM Systems | Tue pm1 | Coded OFDM | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 54 | PHY 12-2 | 1569070330 | Error Rate Analysis for Bit-Loaded Coded OFDM | Tue pm1 | Coded OFDM | |
| 55 | PHY 12-3 | 1569077759 | On the Performance of Concatenated Space-Frequency Block Coding for OFDM Systems | Tue pm1 | Coded OFDM | |
| 56 | PHY 12-4 | 1569072519 | Unitary and Non-unitary Differential Space-Frequency Coded OFDM | Tue pm1 | Coded OFDM | |
| 57 | PHY 13-1 | 1569070350 | A CCI-Feedback-Aided Scheduling Technique for MU-MIMO | Tue pm1 | Multiuser MIMO | |
| 58 | PHY 13-2 | 1569070020 | Joint Stream-wise THP Transceiver Design for the Multiuser MIMO Downlink | Tue pm1 | Multiuser MIMO | |
| 59 | PHY 13-3 | 1569077074 | Robust Linear Processing for Downlink Multiuser MIMO System with Imperfectly Known Channel | Tue pm1 | Multiuser MIMO | |
| 60 | PHY 13-4 | 1569077852 | Robust Transmission for Multiuser MIMO Downlink Systems with Imperfect CSIT | Tue pm1 | Multiuser MIMO | |
| 61 | PHY 13-5 | 1569069684 | Successive and Dynamic Precoding Scheme for Multiuser MIMO Systems with Limited Feedback | Tue pm1 | Multiuser MIMO | |
| 62 | PHY 14-1 | 1569071633 | Amplify-and-Forward Cooperative Communications Using Double-Differential Modulation over Nakagami-m Channels | Tue pm2 | Amplify-and-Forward Relaying | |
| 63 | PHY 14-2 | 1569067661 | Distributed Space-Frequency Coding over Amplify-and-Forward Relay Channels | Tue pm2 | Amplify-and-Forward Relaying | |
| 64 | PHY 14-3 | 1569076910 | Optimization of a Modified Orthogonal Amplify-and-Forward Pairwise User Cooperation Scheme | Tue pm2 | Amplify-and-Forward Relaying | |
| 65 | PHY 14-4 | 1569072322 | Orthogonal or non Orthogonal Amplify and Forward Protocol: How to cooperate? | Tue pm2 | Amplify-and-Forward Relaying | |
| 66 | PHY 14-5 | 1569071778 | Performance Analysis of Amplify-and-Forward Relaying with Mismatched-Coherent and Partially-Coherent Receivers | Tue pm2 | Amplify-and-Forward Relaying | |
| 67 | PHY 15-1 | 1569077784 | A Suboptimal LQ Power Control Algorithm for a CDMA Wireless System | Tue pm2 | CDMA | |
| 68 | PHY 15-2 | 1569069552 | Detection Strategies for DS-SS Systems Employing Parity Bit Selected Spreading | Tue pm2 | CDMA | |
| 69 | PHY 15-3 | 1569073791 | Interference Cancelation in Non-coherent CDMA Systems Using Parallel Iterative Algorithms | Tue pm2 | CDMA | |
| 70 | PHY 15-4 | 1569070481 | Iterative Turbo MMSE Successive Parallel Arbitrated Decision Feedback Detectors for DS-CDMA Systems | Tue pm2 | CDMA | |
| 71 | PHY 15-5 | 1569067913 | Successive Interference Cancellation for DS-CDMA Downlink/Uplink | Tue pm2 | CDMA | |
| 72 | PHY 16-1 | 1569076740 | A Closed-Form Approximation for Capacity of Multiuser MIMO Broadcast Systems: A Virtual User Approach | Tue pm2 | MIMO Transmission Systems | |
| 73 | 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 | |
| 74 | PHY 16-3 | 1569077199 | Asymptotic Outage Analysis of Large Size Correlated MIMO Systems | Tue pm2 | MIMO Transmission Systems | |
| 75 | PHY 16-4 | 1569078196 | Optimal Training Length for MIMO Systems with Transmit Antenna Correlation | Tue pm2 | MIMO Transmission Systems | |
| 76 | 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 | |
| 77 | PHY 17-2 | 1569073918 | BERT Chart Analysis of Turbo Frequency Domain Equalization with Imperfect Channel State Information | Tue pm2 | Frequency Domain Equalization | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 78 | **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 | |
| 79 | **PHY 17-4** | 1569069858 | Joint Frequency-Domain Equalization and Channel Estimation using Superimposed Pilots | Tue pm2 | Frequency Domain Equalization | |
| 80 | **PHY 17-5** | 1569069740 | Single-Carrier Block Transmission Asynchronous CDMA with Frequency-Domain Equalization | Tue pm2 | Frequency Domain Equalization | |
| 81 | **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 |
| 82 | **PHY 18-2** | 1569070946 | Interleave Division Multiplexing Aided Space-Time Coding for High-Throughput Uplink Cooperative Communications | Wed am1 | Space-Time Coding (II) | |
| 83 | **PHY 18-3** | 1569077560 | Iterative Decoding of Serial Concatenated Differential Space-Time Block Coding under Unknown Fading | Wed am1 | Space-Time Coding (II) | |
| 84 | **PHY 18-4** | 1569077345 | Space-Time Block Coded Reconfigurable MIMO Communication System Using ORIOL Antennas | Wed am1 | Space-Time Coding (II) | |
| 85 | **PHY 19-1** | 1569073541 | A Stochastic Model for Misbehaving Relays in Cooperative Diversity | Wed am1 | Cooperative Relays | |
| 86 | **PHY 19-2** | 1569074857 | Asymptotic BER Analysis of Threshold Digital Relaying Schemes in Cooperative Wireless Systems | Wed am1 | Cooperative Relays | |
| 87 | **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 | |
| 88 | **PHY 19-4** | 1569072451 | Relay-assisted ARQ in Wireless Ad-Hoc Networks | Wed am1 | Cooperative Relays | |
| 89 | **PHY 19-5** | 1569077983 | Repeating or Relaying in Wireless Systems | Wed am1 | Cooperative Relays | |
| 90 | **PHY 20-1** | 1569069079 | Distributed Space-Time Trellis Code for Asynchronous MIMO relays over Frequency-Selective Channels | Wed am1 | MIMO and Wireless Networks (I) | |
| 91 | **PHY 20-2** | 1569069699 | network coding with linear MIMO pre-equalizer using modulo in two-way channel | Wed am1 | MIMO and Wireless Networks (I) | |
| 92 | **PHY 20-3** | 1569077892 | Orthogonalizing Transmission in MIMO with Linear Receiver and Finite MCS Set | Wed am1 | MIMO and Wireless Networks (I) | |
| 93 | **PHY 20-4** | 1569070366 | Space-Time Codes Versus Random Beamforming in Cooperative Multi-Hop Wireless Networks | Wed am1 | MIMO and Wireless Networks (I) | |
| 94 | **PHY 20-5** | 1569074061 | Sum-Rate Analysis of MIMO Broadcast Channel with Random Unitary Beamforming | Wed am1 | MIMO and Wireless Networks (I) | |
| 95 | **PHY 21-1** | 1569076940 | Digital Modulation Techniques for Optical Asymmetrically-Clipped OFDM | Wed am1 | OFDM PAPR | |
| 96 | **PHY 21-2** | 1569064957 | Fractional Selective Mapping Using Decimation in Time IFFT/FFT | Wed am1 | OFDM PAPR | |
| 97 | **PHY 21-3** | 1569074138 | Joint Impact of Quantization and Clipping on Single- and Multi-carrier Block Transmission Systems | Wed am1 | OFDM PAPR | |
| 98 | **PHY 21-4** | 1569072587 | OFDM Symbol Design for Peak-to-Average Power Ratio Reduction Employing Non-Data Bearing Subcarriers | Wed am1 | OFDM PAPR | |
| 99 | **PHY 21-5** | 1569077948 | On the Out-of-Band Radiation Reduction in OFDM Systems | Wed am1 | OFDM PAPR | |
| 100 | **PHY 22-1** | 1569070558 | A New Partial Decode-and-Forward Protocol | Wed am2 | Cooperative Communications (II) | |
| 101 | **PHY 22-2** | 1569073027 | Cooperative Spectrum Sensing with Multi-bits Local Sensing Decisions in Cognitive Radio Context | Wed am2 | Cooperative Communications (II) | |
| 102 | **PHY 22-3** | 1569071190 | Hop-by-Hop Routing Strategy for Multihop Decode-and-Forward Cooperative Networks | Wed am2 | Cooperative Communications (II) | |
| 103 | **PHY 22-4** | 1569067256 | On the Diversity-Multiplexing Tradeoff of Concurrent Decode-and-Forward Relaying | Wed am2 | Cooperative Communications (II) | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 104 | PHY 22-5 | 1569077760 | Stochastic spectrum pool reassignment for cognitive relay systems | Wed am2 | Cooperative Communications (II) | |
| 105 | PHY 23-1 | 1569077249 | A Study on Iterative ULS (Unequal Length Search) Syndrome Decoding for Product Codes | Wed am2 | Coding (II) | |
| 106 | PHY 23-2 | 1569077916 | Improved Bounds on the Performance of Convolutional Codes over the Correlated Rayleigh-Fading Channel | Wed am2 | Coding (II) | |
| 107 | PHY 23-3 | 1569066893 | RECFEC: A Reconfigurable FEC Processor for Viterbi, Turbo, Reed-Solomon and LDPC Coding | Wed am2 | Coding (II) | |
| 108 | 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) | |
| 109 | PHY 24-1 | 1569073850 | A Universal Code-Modulated Path-Sharing Multi-Antenna Receiver | Wed am2 | MIMO Receivers (II) | |
| 110 | PHY 24-2 | 1569070009 | Joint Hybrid ARQ and Iterative Space-Time Equalization for Coded Transmission over MIMO-ISI Channel | Wed am2 | MIMO Receivers (II) | |
| 111 | PHY 24-3 | 1569078125 | SNR Measurement Free Adaptive K-Best Algorithm for MIMO System | Wed am2 | MIMO Receivers (II) | |
| 112 | PHY 24-4 | 1569068260 | Wideband Equalization Using Multiple Antennas | Wed am2 | MIMO Receivers (II) | |
| 113 | PHY 25-1 | 1569072710 | A New Receiver Structure for DFT Spread OFDM (DFT-SOFDM) in Time-Selective Fading Channel | Wed am2 | OFDM (II) | |
| 114 | PHY 25-2 | 1569077854 | Digital Baseband Compensation of I/Q Imbalance in Mobile OFDM | Wed am2 | OFDM (II) | |
| 115 | PHY 25-3 | 1569073957 | Intercarrier Interference Cancellation Using General Phase Rotated Conjugate Transmission for OFDM Systems | Wed am2 | OFDM (II) | |
| 116 | PHY 25-4 | 1569077677 | Segmented Equalization for OFDM systems with Phase Noise | Wed am2 | OFDM (II) | |
| 117 | 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 | |
| 118 | PHY 26-2 | 1569076802 | Adaptive Transmission for Finite-Rate Feedback MIMO Systems | Wed pm1 | MIMO Systems with Feedback | |
| 119 | PHY 26-3 | 1569069714 | Impact of Limited Feedback on the Performance of MIMO Macrodiversity Transmission | Wed pm1 | MIMO Systems with Feedback | |
| 120 | PHY 26-4 | 1569067126 | Non-Unitary Codebook Based Precoding Scheme for Multi-User MIMO with Limited Feedback | Wed pm1 | MIMO Systems with Feedback | |
| 121 | PHY 26-5 | 1569070082 | On The Feedback Channel for MIMO Beamforming | Wed pm1 | MIMO Systems with Feedback | |
| 122 | PHY 27-1 | 1569077604 | An Energy-efficient V-BLAST Based Cooperative MIMO Transmission Scheme for Wireless Sensor Networks | Wed pm1 | MIMO/BLAST | |
| 123 | PHY 27-2 | 1569071398 | Bit-wise Detection Algorithms for V-BLAST Systems | Wed pm1 | MIMO/BLAST | |
| 124 | PHY 27-3 | 1569069696 | Research on Hybrid-ARQ Chase Combining Algorithms in ZF-SIC V-BLAST | Wed pm1 | MIMO/BLAST | |
| 125 | PHY 27-4 | 1569070198 | Wavelet Packet Multi-carrier Modulation MIMO Based Cognitive Radio Systems with VBLAST Receiver Architecture | Wed pm1 | MIMO/BLAST | |
| 126 | PHY 28-1 | 1569070304 | Energy Detection using Estimated Noise Variance for Spectrum Sensing in Cognitive Radio Networks | Wed pm1 | Spectrum Sensing | |
| 127 | PHY 28-2 | 1569073314 | Exploiting Historical Spectrum Occupancy Information for Adaptive Spectrum Sensing | Wed pm1 | Spectrum Sensing | |
| 128 | PHY 28-3 | 1569078138 | In-band Sensing without Quiet Period in Cognitive Radio | Wed pm1 | Spectrum Sensing | |
| 129 | PHY 28-4 | 1569077457 | On the Time Distribution of White Space Access Opportunities | Wed pm1 | Spectrum Sensing | |
| 130 | PHY 28-5 | 1569073821 | Spectral Correlation-Based Multi-antenna Spectrum Sensing Technique in Cognitive radio | Wed pm1 | Spectrum Sensing | |
| 131 | PHY 29-1 | 1569073496 | Analysis of Interference from Large Clusters as Modeled by the Sum of Many Correlated Lognormals | Wed pm1 | Wireless Sensor Networks | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 132 | PHY 29-2 | 1569077068 | Bandwidth-Efficient Distributed Estimation in Inhomogeneous Wireless Sensor Networks | Wed pm1 | Wireless Sensor Networks | |
| 133 | PHY 29-3 | 1569077790 | Energy efficient Cooperative Technique for IEEE 1451 based Wireless Sensor Network | Wed pm1 | Wireless Sensor Networks | |
| 134 | PHY 29-4 | 1569077616 | Optimal Transmission Range for Minimum Energy Consumption in Wireless Sensor Networks | Wed pm1 | Wireless Sensor Networks | |
| 135 | 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 |
| 136 | PHY 30-2 | 1569077714 | 3-Dimensional Channel Modeling using Spherical Statistics for Multiple Input Multiple Output Systems | Wed pm2 | MIMO Channel Models | |
| 137 | PHY 30-3 | 1569070326 | Capacity Study of Vehicle-to-Roadside MIMO Channels with a Line-of-Sight Component | Wed pm2 | MIMO Channel Models | |
| 138 | PHY 30-4 | 1569077207 | On the Suitable Environments of the Kronecker Product Form in MIMO Channel Modeling | Wed pm2 | MIMO Channel Models | |
| 139 | PHY 31-1 | 1569064456 | Accurate Closed-Form Approximations to the Sum of Generalized Random Variables and Applications | Wed pm2 | Communications Theory | |
| 140 | PHY 31-2 | 1569067434 | Lattice Reduction aided Precoding Combined with SDM for Clusters of Correlated Users | Wed pm2 | Communications Theory | |
| 141 | PHY 31-3 | 1569065964 | Performance of the Wireless Optical Communication System with Variable Wavelength and Bessel Pointing Loss Factor | Wed pm2 | Communications Theory | |
| 142 | PHY 31-4 | 1569074307 | Pseudo-Error Probability-Based Estimation of SNR for BPSK and QPSK Modulated Signals | Wed pm2 | Communications Theory | |
| 143 | PHY 31-5 | 1569077815 | The Multivariate $\alpha$-$\mu$ Distribution | Wed pm2 | Communications Theory | |
| 144 | PHY 32-1 | 1569077664 | Downlink Control Channel Design for 3GPP LTE | Wed pm2 | Cellular Systems | |
| 145 | PHY 32-2 | 1569068962 | Haar Compression for Efficient CQI Feedback Signaling in 3GPP LTE Systems | Wed pm2 | Cellular Systems | |
| 146 | PHY 32-3 | 1569077524 | Interference Coordination vs. Interference Randomization in Multicell 3GPP LTE System | Wed pm2 | Cellular Systems | |
| 147 | PHY 32-4 | 1569072430 | On the Rate Region of a Multi-Cell MAC under Backhaul and Latency Constraints | Wed pm2 | Cellular Systems | |
| 148 | PHY 32-5 | 1569071954 | Uplink Control Channel in E-UTRA, Radio Link and Radio Network Evaluation | Wed pm2 | Cellular Systems | |
| 149 | PHY 33-1 | 1569070917 | Adaptive Pilot Allocation in Downlink OFDM | Wed pm2 | OFDM Channel Estimation | |
| 150 | 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 | |
| 151 | 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 | |
| 152 | PHY 33-4 | 1569068894 | Low Complexity Joint Semiblind Detection for OFDM Systems over Time-Varying Channels | Wed pm2 | OFDM Channel Estimation | |
| 153 | PHY 33-5 | 1569077234 | Reduced-Complexity Recursive MMSE Channel Estimator for the Wireless OFDM Systems | Wed pm2 | OFDM Channel Estimation | |
| 154 | PHY 34-1 | 1569078180 | Automatic Construction of Cognitive Radio Network | Thu am1 | Cognitive Radio | |
| 155 | PHY 34-2 | 1569078115 | Interference in a cognitive network with beacon | Thu am1 | Cognitive Radio | |
| 156 | PHY 34-3 | 1569078308 | Joint Power and Channel Allocation for Cognitive Radios | Thu am1 | Cognitive Radio | |
| 157 | PHY 34-4 | 1569072577 | Sidelobe Suppression for OFDM-Based Cognitive Radios Using Constellation Expansion | Thu am1 | Cognitive Radio | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 158 | PHY 34-5 | 1569072434 | Traffic Pattern Prediction and Performance Investigation for Cognitive Radio Systems | Thu am1 | Cognitive Radio | |
| 159 | PHY 35-1 | 1569078203 | Coexistence Empirical Study and Analytical Model for Low-Rate WPANand IEEE 802.11b | Thu am1 | Interference Mitigation | |
| 160 | PHY 35-2 | 1569077456 | Iterative Detection of Three-Stage Concatenated FFH-MFSK | Thu am1 | Interference Mitigation | |
| 161 | PHY 35-3 | 1569073096 | Minimum Symbol Error Rate Turbo Multiuser Beamforming Aided QAM Receiver | Thu am1 | Interference Mitigation | |
| 162 | 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 | |
| 163 | PHY 35-5 | 1569077473 | Two-layer CI Phase Coding Interference Cancellation and Detection for Uplink Broadband Wireless Access System | Thu am1 | Interference Mitigation | |
| 164 | PHY 36-1 | 1569076792 | Bit-wise Error Detection Based Iterative Signal Detection for OFDM MIMO multiplexing | Thu am1 | MIMO-OFDM (II) | |
| 165 | PHY 36-2 | 1569076949 | Cost Analysis of Channel Estimation in MIMO-OFDM for Software Defined Radio | Thu am1 | MIMO-OFDM (II) | |
| 166 | PHY 36-3 | 1569070444 | Exploiting Phase Noise Properties in the Design of MIMO-OFDM Receivers | Thu am1 | MIMO-OFDM (II) | |
| 167 | PHY 36-4 | 1569073505 | Multiuser Scheduling for MIMO-OFDM Systems with Continuous-Rate Adaptive Modulation | Thu am1 | MIMO-OFDM (II) | |
| 168 | PHY 36-5 | 1569077338 | Sum-MSE Based User Selection in MIMO-OFDM Systems with Linear Precoding | Thu am1 | MIMO-OFDM (II) | |
| 169 | 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 | |
| 170 | PHY 37-2 | 1569070877 | Exact BER performance of asynchronous MC-DS-CDMA over Nakagami-m fading channels | Thu am1 | Multicarrier Systems | |
| 171 | PHY 37-3 | 1569074728 | Joint Rate and Power Adaptation for MC-CDMA over Tempo-Spectral Domain | Thu am1 | Multicarrier Systems | |
| 172 | PHY 37-4 | 1569070043 | Spectral Efficiency Enhancement Techniques for Multicarrier On-Off Keying Transmission | Thu am1 | Multicarrier Systems | |
| 173 | PHY 37-5 | 1569078275 | Spectral Efficiency of Orthogonal Set of Truncated MC-CDMA Signals Using Discrete Prolate Spheroidal Sequences | Thu am1 | Multicarrier Systems | |
| 174 | PHY 38-1 | 1569078262 | Channel mean feedforwarded cooperative demodulation in OFDM system | Thu am2 | Cooperative OFDM Systems | |
| 175 | PHY 38-2 | 1569070940 | Joint Power and Bandwidth Allocation in Wireless Multihop Networks | Thu am2 | Cooperative OFDM Systems | |
| 176 | PHY 38-3 | 1569070034 | Selective Relaying in Cooperative OFDM Systems: Two-Hop Random Network | Thu am2 | Cooperative OFDM Systems | |
| 177 | PHY 38-4 | 1569077339 | Subchannel-Division Adaptive Resource Allocation Technique for Cooperative Relay-Based MIMO/OFDM Wireless Communication Systems | Thu am2 | Cooperative OFDM Systems | |
| 178 | PHY 39-1 | 1569075726 | Linear Multiuser Transceivers: Robustness Via Worst Scenario MSE Approach | Thu am2 | Fading Channels (II) | |
| 179 | PHY 39-2 | 1569077990 | Performance Analysis of a PASD Antenna System In Rayleigh Fading Channels | Thu am2 | Fading Channels (II) | |
| 180 | PHY 39-3 | 1569077858 | Simulation of Doubly Selective Compound K Fading Channels for Mobile-to-Mobile Communications | Thu am2 | Fading Channels (II) | |
| 181 | PHY 39-4 | 1569077556 | Training structure design optimization for continuous time-varying fading channels | Thu am2 | Fading Channels (II) | |

# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 182 | PHY 40-1 | 1569077758 | ARP and QPP Interleavers for LTE Turbo Coding | Thu am2 | Turbo Codes | |
| 183 | PHY 40-2 | 1569072086 | Combined User Multiplexing and Data Modulation through Non-binary Turbo Codes for UWB | Thu am2 | Turbo Codes | |
| 184 | PHY 40-3 | 1569077754 | Double Repeat-Punctured Turbo Coded Cooperative Diversity Scheme | Thu am2 | Turbo Codes | |
| 185 | PHY 40-4 | 1569077022 | Low Complexity Hybrid Turbo Codes | Thu am2 | Turbo Codes | |
| 186 | PHY 40-5 | 1569076862 | Symbol assignment for high-rate circular trellis-based turbo codes | Thu am2 | Turbo Codes | |
| 187 | PHY 41-1 | 1569067852 | A Feedback Scheme for ZFBF-Based MIMO Broadcast Systems with Infrastructure Relay Stations | Thu am2 | MIMO and Wireless Networks (II) | |
| 188 | PHY 41-2 | 1569077572 | A Joint Utility-lifetime Optimization Algorithm for Cooperative MIMO Sensor Networks | Thu am2 | MIMO and Wireless Networks (II) | |
| 189 | PHY 41-3 | 1569077832 | Alternate Transmission Relaying Schemes for MIMO Wireless Networks | Thu am2 | MIMO and Wireless Networks (II) | |
| 190 | PHY 41-4 | 1569078199 | Sum Rate Maximization of MIMO Broadcast Channels with Coordination of Base Stations | Thu am2 | MIMO and Wireless Networks (II) | |
| 191 | PHY 42-1 | 1569069670 | Adaptive Modulation Based on Finite-rate Feedback in Multiuser Diversity Systems | Thu am2 | Adaptive Systems | |
| 192 | PHY 42-2 | 1569072531 | Energy-Efficient Joint Power and Rate Control via Pricing in Wireless Data Networks | Thu am2 | Adaptive Systems | |
| 193 | PHY 42-3 | 1569077460 | Exact Performance Analysis of Joint Adaptive Modulation and Power Loading Transmission In Multi-Channel System | Thu am2 | Adaptive Systems | |
| 194 | PHY 42-4 | 1569075811 | Handel-C Implementation of Early-Access Partial-Reconfiguration for Software Defined Radio | Thu am2 | Adaptive Systems | |
| 195 | PHY 42-5 | 1569077640 | Synchronization Performance Comparison between Adaptive Filter and Correlator | Thu am2 | Adaptive Systems | |
| 196 | PHY 43-1 | 1111111111 | Approximate Eigenstructure of LTV Channels and Pulse Shaping | Thu pm1 | Channel Estimation | 556293 |
| 197 | PHY 43-2 | 1569070106 | A Real-time Algorithm for Long Range Signal Strength Prediction in Wireless Networks | Thu pm1 | Channel Estimation | |
| 198 | PHY 43-3 | 1569077360 | Channel Estimation for LTE Uplink in High Doppler Spread | Thu pm1 | Channel Estimation | |
| 199 | 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 | |
| 200 | PHY 44-1 | 1569073838 | Line-of-Sight MIMO Transmission for Achieving High Capacity Fixed Point Microwave Radio Systems | Thu pm1 | MIMO Systems | |
| 201 | PHY 44-2 | 1569072060 | Link Performance of WiMAX PUSC | Thu pm1 | MIMO Systems | |
| 202 | PHY 44-3 | 1569072003 | On Energy Spreading Transform Based MIMO Systems: Capacity and Diversity | Thu pm1 | MIMO Systems | |
| 203 | PHY 44-4 | 1569069912 | Power control under slow fading for spatial multiplexing with MMSE receiver | Thu pm1 | MIMO Systems | |
| 204 | PHY 44-5 | 1569077506 | Uplink-Downlink SINR Duality via Lagrange Duality | Thu pm1 | MIMO Systems | |
| 205 | PHY 45-1 | 1569072556 | Methodology for Mode Selection in MIMO-OFDM System | Thu pm1 | MIMO-OFDM (III) | |
| 206 | PHY 45-2 | 1569077798 | On the Optimality of Frequency-Domain Equalization in DFT-Spread MIMO-OFDM Systems | Thu pm1 | MIMO-OFDM (III) | |
| 207 | PHY 45-3 | 1569068314 | Peak-to-Average Power Reduction in MIMO OFDM by Spatial Nulling | Thu pm1 | MIMO-OFDM (III) | |
| 208 | PHY 45-4 | 1569073501 | Reduced-Complexity ICI Mitigation for Mobile MIMO-OFDM with Application to DVB-H | Thu pm1 | MIMO-OFDM (III) | |
| 209 | PHY 46-1 | 1569074316 | Asynchronous Classification of High-Order QAMs | Thu pm1 | Wireless Systems | |
| 210 | PHY 46-2 | 1569075799 | Computationally-Efficient, Low-Order Filtering Technique for TETRA Release 2 Synchronization | Thu pm1 | Wireless Systems | |

# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 211 | PHY 46-3 | 1569077940 | Distributed Cyclic Spectrum Feature-Based Modulation Classification | Thu pm1 | Wireless Systems | |
| 212 | PHY 46-4 | 1569078185 | Low-Complexity Iterative Carrier Synchronization for Short Packet Turbo Receiver | Thu pm1 | Wireless Systems | |
| 213 | PHY 46-5 | 1569074476 | Proposal for Radio Resource Allocation using Dummy Burst Definition in IEEE 802.16 Uplinks | Thu pm1 | Wireless Systems | |
| 214 | PHY 47-1 | 1569078201 | Clustering Characteristics of Millimeter Wave Indoor Channels | Thu pm2 | Channel Characterization and Modeling | |
| 215 | PHY 47-2 | 1569077635 | Directional Dependence of Large Scale Parameters in Wireless Channel Models | Thu pm2 | Channel Characterization and Modeling | |
| 216 | PHY 47-3 | 1569071126 | Low Antenna Ultra Wideband Propagation Measurements and Modeling in a Forest Environment | Thu pm2 | Channel Characterization and Modeling | |
| 217 | PHY 47-4 | 1569070315 | Microwave Oven Signal Modeling | Thu pm2 | Channel Characterization and Modeling | |
| 218 | PHY 47-5 | 1569071562 | Multi-path Propagation Measurements for Vehicular Networks at 5.9 GHz | Thu pm2 | Channel Characterization and Modeling | |
| 219 | PHY 48-1 | 1569077397 | Asymptotic Distortion Performance of Source-Channel Diversity Schemes over Relay Channels | Thu pm2 | Source and Channel Coding | |
| 220 | 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 | |
| 221 | PHY 48-3 | 1569071134 | Genetic Algorithm Aided Design of Near-Capacity Irregular Variable Length Codes | Thu pm2 | Source and Channel Coding | |
| 222 | PHY 48-4 | 1569072110 | Integrated Source-Channel Decoding for Correlated Data-Gathering Sensor Networks | Thu pm2 | Source and Channel Coding | |
| 223 | PHY 49-1 | 1569069667 | A Fast Joint Frame Synchronization and Frequency Offset Acquisition Algorithm for OFDM Systems | Thu pm2 | OFDM (III) | |
| 224 | PHY 49-2 | 1569077480 | A Linear Programming Solution to Subcarrier-Bit-Power Allocation for Multicell OFDMA Systems | Thu pm2 | OFDM (III) | |
| 225 | PHY 49-3 | 1569077695 | Low Complexity Active Interference Cancellation for OFDM Cognitive Radios | Thu pm2 | OFDM (III) | |
| 226 | 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) | |
| 227 | PHY 50-1 | 1569072006 | Cooperative Communication using Complementary Punctured Convolutional (CPC) Codes over Wireless Fading Channels | Thu pm2 | Cooperative Communications (III) | |
| 228 | PHY 50-2 | 1569078009 | Cooperative Processing for the WLAN Uplink | Thu pm2 | Cooperative Communications (III) | |
| 229 | PHY 50-3 | 1569067548 | Cross-Layer Issues for Cooperative Networks | Thu pm2 | Cooperative Communications (III) | |
| 230 | PHY 50-4 | 1569076706 | Optimal Relay Location in Multi-Hop Cellular Systems | Thu pm2 | Cooperative Communications (III) | |
| 231 | PHY 50-5 | 1569077533 | Performance Analysis of Incremental Relaying Cooperative Diversity Networks over Rayleigh Fading Channels | Thu pm2 | Cooperative Communications (III) | |
| 232 | PHY 51-1 | 1569066300 | Impact of Channel Models on Adaptive M-QAM Modulation for MIMO Systems | Thu pm2 | MIMO Receivers (III) | |
| 233 | PHY 51-2 | 1569073296 | Joint Channel Estimation and Decoding for MIMO Frequency Selective Fading Channels | Thu pm2 | MIMO Receivers (III) | |
| 234 | PHY 51-3 | 1569077944 | Realtime Multi-User Multiantenna Downlink Measurements | Thu pm2 | MIMO Receivers (III) | |
| 235 | PHY 51-4 | 1569069802 | Soft-output MMSE MIMO Detector under Imperfect Channel Estimation | Thu pm2 | MIMO Receivers (III) | |
| 236 | MAC 01-1 | 1569066983 | A Network-Assisted Association Scheme for 802.11-based Mesh Networks | Mon am1 | 802.11 (I) | |

**IEEE WCNC Technical Paper Assignments**

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 237 | **MAC 01-2** | 1569068266 | Modelling and Analysis of the Distributed Coordination Function of IEEE 802.11 with Multirate Capability | Mon am1 | 802.11 (I) | |
| 238 | **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) | |
| 239 | **MAC 01-4** | 1569076955 | Impact of Contention Window Cheating on Single-hop IEEE 802.11e MANETs | Mon am1 | 802.11 (I) | |
| 240 | **MAC 01-5** | 1569077152 | The IEEE 802.11 Power Saving Mechanism: An Experimental Study | Mon am1 | 802.11 (I) | |
| 241 | **MAC 02-1** | 1569066750 | Markov Chain Model for Polling Delay and Throughput Analyses of Uplink Subframe in WiMAX Networks | Mon am1 | Delay and Throughput | |
| 242 | **MAC 02-2** | 1569067429 | A Queue Based Scheduling Approach for WMAN with Adaptive Augmentation | Mon am1 | Delay and Throughput | |
| 243 | **MAC 02-3** | 1569068906 | Throughput and Delay Performance Analysis of Packet Aggregation Scheme for PRMA | Mon am1 | Delay and Throughput | |
| 244 | **MAC 02-4** | 1569070572 | Policy Driven Scheduling to Provide Differentiated QoS for Delay Sensitive Services in HSDPA | Mon am1 | Delay and Throughput | |
| 245 | **MAC 02-5** | 1569077925 | Aggregate Information Efficiency and Packet Delay in Wireless Ad Hoc Networks | Mon am1 | Delay and Throughput | |
| 246 | **MAC 03-1** | 1569070135 | IEEE 802.11 DCF PSM Model and a Novel Downlink Access Scheme | Mon am2 | 802.11 and 802.16 | |
| 247 | **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 | |
| 248 | **MAC 03-3** | 1569077072 | Latency and Modulation Aware Bandwidth Allocation Algorithm for WiMAX Base Stations | Mon am2 | 802.11 and 802.16 | |
| 249 | **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 | |
| 250 | **MAC 03-5** | 1569078178 | A packet size control algorithm for IEEE 802.16e | Mon am2 | 802.11 and 802.16 | |
| 251 | **MAC 04-1** | 1569071358 | OSA-MAC: A Multi-channel MAC Protocol for Opportunistic Spectrum Access in Cognitive Radio Networks | Mon am2 | Cognitive Communications | |
| 252 | **MAC 04-2** | 1569072466 | Competitive Spectrum Sharing and Pricing in Cognitive Wireless Mesh Networks | Mon am2 | Cognitive Communications | |
| 253 | **MAC 04-3** | 1569076809 | Distributed Multichannel Power Allocation Algorithm for Spectrum Sharing Cognitive Radio Networks | Mon am2 | Cognitive Communications | |
| 254 | **MAC 04-4** | 1569077262 | Distributed Energy Efficient Spectrum Access in Wireless Cognitive Radio Sensor Networks | Mon am2 | Cognitive Communications | |
| 255 | **MAC 04-5** | 1569077977 | Replacement of Spectrum Sensing and Avoidance of Hidden Terminal for Cognitive Radio | Mon am2 | Cognitive Communications | |
| 256 | **MAC 05-1** | 1569070466 | Design of a Packet Scheduling Scheme for Downlink Channel in IEEE 802.16 BWA Systems | Tue pm1 | 802.16 | |
| 257 | **MAC 05-2** | 1569071989 | On the Performance Bounds of OFDM-based 802.16 Broadband Wireless Networks | Tue pm1 | 802.16 | |
| 258 | **MAC 05-3** | 1569075788 | Low Complexity Resource Allocation for 802.16e OFDMA Systems | Tue pm1 | 802.16 | |
| 259 | **MAC 05-4** | 1569076851 | An Indexing Scheduler for Delay Constrainted Scheduling with Applications to IEEE 802.16 | Tue pm1 | 802.16 | |
| 260 | **MAC 05-5** | 1569077734 | Performance Modeling of Power Saving Classes with Multiple Connections in IEEE 802.16e Broadband Wireless Networks | Tue pm1 | 802.16 | |
| 261 | **MAC 06-1** | 1569064747 | Using Incompletely Cooperative Game Theory in Wireless Sensor Networks | Tue pm1 | Cooperative Communications | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 262 | MAC 06-2 | 1569064973 | WiFlex: Multi-Channel Cooperative Protocols for Heterogeneous Wireless Devices | Tue pm1 | Cooperative Communications | |
| 263 | MAC 06-3 | 1569070367 | Optimal Strategies for Cooperative MAC-Layer Retransmission in Wireless Networks | Tue pm1 | Cooperative Communications | |
| 264 | MAC 06-4 | 1569073480 | One4All Cooperative Media Access Strategy in Centralized Wireless Networks | Tue pm1 | Cooperative Communications | |
| 265 | MAC 06-5 | 1569078100 | Achievable Rates for the Three User Cooperative Multiple Access Channel | Tue pm1 | Cooperative Communications | |
| 266 | MAC 07-1 | 1111111111 | Cross-Layer Optimization based on Partial Local Knowledge | Tue pm2 | Cross-Layer Design | 556659 |
| 267 | 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 | |
| 268 | MAC 07-3 | 1569069909 | CRADS: Integrated Cross Layer approach for Detecting Routing Attacks in MANETs | Tue pm2 | Cross-Layer Design | |
| 269 | MAC 07-4 | 1569077697 | Cross-Layer Multiservice Scheduling for Mobile WiMAx Systems | Tue pm2 | Cross-Layer Design | |
| 270 | MAC 08-1 | 1569071010 | An Adaptive Energy Saving Mechanism in the Wireless Packet Access Network | Tue pm2 | Resource Allocation | |
| 271 | MAC 08-2 | 1569077257 | OTLR: Opportunistic Transmission with Loss Recovery for WLANs | Tue pm2 | Resource Allocation | |
| 272 | MAC 08-3 | 1569077875 | A Resource Allocation Scheme for TH-UWB Networks with Multiple Sinks | Tue pm2 | Resource Allocation | |
| 273 | MAC 08-4 | 1569078025 | Analysis of Distributed Reservation Protocol for UWB-based WPANs with ECMA-368 MAC | Tue pm2 | Resource Allocation | |
| 274 | MAC 08-5 | 1569078043 | Performance Analysis of Slotted Carrier Sense IEEE 802.15.4 Acknowledged Uplink Transmissions | Tue pm2 | Resource Allocation | |
| 275 | MAC 09-1 | 1569070054 | A Low Latency Scheme for Bulk RFID Tag Reading | Wed am1 | RFID and Sensor Networks | |
| 276 | MAC 09-2 | 1569070176 | Flexible Privacy Protection for RFID Tags via Selective Identifier Masking | Wed am1 | RFID and Sensor Networks | |
| 277 | 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 | |
| 278 | MAC 09-4 | 1569078034 | Node Activation Based on Link Distance (NA-BOLD) for Geographic Transmissions in Fading Channels | Wed am1 | RFID and Sensor Networks | |
| 279 | MAC 10-1 | 1569070058 | History-based Adaptive Modulation for a Downlink Multicast Channel in OFDMA systems | Wed am1 | OFDM (I) | |
| 280 | MAC 10-2 | 1569070202 | Simple Proportional Fairness Scheduling for OFDMA Frame-based Wireless Systems | Wed am1 | OFDM (I) | |
| 281 | MAC 10-3 | 1569076853 | A Novel Radio Resource Management Approach for QoS Provisioning in Multi-service Multi-slot OFDMA Systems | Wed am1 | OFDM (I) | |
| 282 | MAC 10-4 | 1569077614 | Frequency Selective OFDMA Scheduler with Limited Feedback | Wed am1 | OFDM (I) | |
| 283 | MAC 10-5 | 1569077932 | An Efficient and Fair Scheduling Scheme for Multiuser OFDM Wireless Networks | Wed am1 | OFDM (I) | |
| 284 | MAC 11-1 | 1569071069 | Base Station Association Game in Multi-cell Wireless Networks | Wed am2 | Wireless Networks (I) | |
| 285 | 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) | |
| 286 | MAC 11-3 | 1569078097 | Exploiting Physical Layer Capture for Greater Spatial Reuse in Multihop Wireless Networks | Wed am2 | Wireless Networks (I) | |
| 287 | MAC 11-4 | 1569077362 | QoS Aware Access Point Selection for Pre-load-balancing in Multi-BSS WLAN | Wed am2 | Wireless Networks (I) | |
| 288 | MAC 12-1 | 1569065125 | Loss Differentiated Rate Adaptation in Wireless Networks | Wed am2 | Throughput | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 289 | **MAC 12-2** | 1569068094 | Saturated Throughput of Burst Mode PCA with Hard DRPs in WiMedia MAC | Wed am2 | Throughput | |
| 290 | **MAC 12-3** | 1569076684 | Throughput Analysis of Ad Hoc Networks Using Multibeam Antennas with Priority-Based Channel Access | Wed am2 | Throughput | |
| 291 | **MAC 12-4** | 1569076849 | The Effect of Node Connectivity Control on the Throughput of Distributed MAC Networks | Wed am2 | Throughput | |
| 292 | **MAC 12-5** | 1569077540 | Throughput and Energy Efficiency of Bluetooth v2 + EDR in Fading Channels | Wed am2 | Throughput | |
| 293 | **MAC 13-1** | 1569069812 | Multi-Carrier Burst Contention (MCBC): Scalable Medium Access Control for Wireless Networks | Wed pm1 | Medium Access Control | |
| 294 | **MAC 13-2** | 1569073766 | Multi-Group Priority Queueing MAC Protocol for Multipacket Reception Channel | Wed pm1 | Medium Access Control | |
| 295 | **MAC 13-3** | 1569077259 | Estimation of Interference-Free Transmit Power for Opportunistic Spectrum Access | Wed pm1 | Medium Access Control | |
| 296 | **MAC 13-4** | 1569077321 | Exploiting Multiradio Diversity: An Opportunistic MAC in Multichannel Multiradio Wireless Ad Hoc Networks | Wed pm1 | Medium Access Control | |
| 297 | **MAC 13-5** | 1569077895 | Design and Analysis of a MAC Protocol for Vehicle to Roadside Networks | Wed pm1 | Medium Access Control | |
| 298 | **MAC 14-1** | 1569068542 | Fair OFDMA Scheduling Algorithm Using Iterative Local Search with k-opt-Switches | Wed pm1 | OFDM (II) | |
| 299 | **MAC 14-2** | 1569075843 | Frequency-Domain Link Adaptation for Wideband OFDMA Systems | Wed pm1 | OFDM (II) | |
| 300 | **MAC 14-3** | 1569076879 | Hierarchical Downlink Resource Management Framework for OFDMA based WiMAX Systems | Wed pm1 | OFDM (II) | |
| 301 | **MAC 14-4** | 1569077764 | An Opportunistic Scheduling Scheme with Minimum Data-Rate Guarantees for OFDMA | Wed pm1 | OFDM (II) | |
| 302 | **MAC 14-5** | 1569078166 | Optimal Efficient Discrete Resource Allocation for OFDMA Systems | Wed pm1 | OFDM (II) | |
| 303 | **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) | |
| 304 | **MAC 15-2** | 1569070236 | Scheduled Mesh Access Mechanism for an IEEE 802.11 Mesh Network | Wed pm2 | 802.11 (II) | |
| 305 | **MAC 15-3** | 1569077398 | Effect of Frame Aggregation on the Throughput Performance of IEEE 802.11n | Wed pm2 | 802.11 (II) | |
| 306 | **MAC 15-4** | 1569078060 | Fair and Efficient TCP Access in IEEE 802.11 WLANs | Wed pm2 | 802.11 (II) | |
| 307 | **MAC 15-5** | 1569078091 | Adaptive Tuning of MIMO-enabled 802.11e WLANs with Network Utility Maximization | Wed pm2 | 802.11 (II) | |
| 308 | **MAC 16-1** | 1569068897 | Performance Enhancement for Mobility Management in Wireless LANs | Wed pm2 | Wireless Networks (II) | |
| 309 | **MAC 16-2** | 1569078122 | Linear wireless networks with variable length and density: scaling laws and design considerations | Wed pm2 | Wireless Networks (II) | |
| 310 | **MAC 16-3** | 1569078229 | Cell Planning for Cooperative Transmission | Wed pm2 | Wireless Networks (II) | |
| 311 | **MAC 16-4** | 1569078342 | Network Coding Via Opportunistic Forwarding in Wireless Mesh Networks | Wed pm2 | Wireless Networks (II) | |
| 312 | **MAC 17-1** | 1569067960 | An Evolutionary Time Spread Multiple Access Protocol for Ad Hoc Networks | Wed pm2 | Ad Hoc Networks | |
| 313 | **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 | |
| 314 | **MAC 17-3** | 1569078001 | A MAC-PHY Cross-Layer Protocol for Ad Hoc Wireless Networks | Wed pm2 | Ad Hoc Networks | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 315 | 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 | |
| 316 | MAC 18-1 | 1569068123 | A Multi-Stage Hybrid Scheduler for Codebook-Based Precoding System | Thu am1 | Multiple Antenna Systems | |
| 317 | MAC 18-2 | 1569069896 | An Uplink Medium Access Protocol with SDMA Support for Multiple-Antenna WLANs | Thu am1 | Multiple Antenna Systems | |
| 318 | MAC 18-3 | 1569070340 | Autonomous Coordinator Selection in Beamformed 60GHz Wireless Networks | Thu am1 | Multiple Antenna Systems | |
| 319 | 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 | |
| 320 | MAC 18-5 | 1569077644 | An Optimal Admission Control Policy for CDMA Multiple Antenna Systems with QoS Constraints | Thu am1 | Multiple Antenna Systems | |
| 321 | MAC 19-1 | 1569068542 | Fair OFDMA Scheduling Algorithm Using Iterative Local Search with k-opt-Switches | Thu am1 | MIMO | |
| 322 | MAC 19-2 | 1569075843 | Frequency-Domain Link Adaptation for Wideband OFDMA Systems | Thu am1 | MIMO | |
| 323 | MAC 19-3 | 1569076879 | Hierarchical Downlink Resource Management Framework for OFDMA based WiMAX Systems | Thu am1 | MIMO | |
| 324 | MAC 19-4 | 1569077764 | An Opportunistic Scheduling Scheme with Minimum Data-Rate Guarantees for OFDMA | Thu am1 | MIMO | |
| 325 | MAC 19-5 | 1569078166 | Optimal Efficient Discrete Resource Allocation for OFDMA Systems | Thu am1 | MIMO | |
| 326 | MAC 20-1 | 1569068844 | Channel-Dependent Scheduling of an Uplink SC-FDMA System with Imperfect Channel Information | Thu am2 | Scheduling | |
| 327 | MAC 20-2 | 1569076938 | Downlink Scheduling with Probabilistic Guarantees on Short-term Average Throughputs | Thu am2 | Scheduling | |
| 328 | MAC 20-3 | 1569077438 | Adaptive Cross Layer Scheduling with Flow Multiplexing | Thu am2 | Scheduling | |
| 329 | MAC 20-4 | 1569077730 | A Maximal Power-Conserving Scheduling Algorithm for Broadband Wireless Networks | Thu am2 | Scheduling | |
| 330 | MAC 20-5 | 1569077950 | Analytic Expression for the Throughput of Proportional Fairness Scheduling | Thu am2 | Scheduling | |
| 331 | MAC 21-1 | 1569073508 | A Novel Cooperation Scheme in Wireless Sensor Networks | Thu am2 | Sensor Networks | |
| 332 | MAC 21-2 | 1569077331 | Analysis of Low Latency MAC Protocols for clustered sensor networks | Thu am2 | Sensor Networks | |
| 333 | MAC 21-3 | 1569077656 | ClearBurst: Burst Scheduling for Contention-Free Transmissions in Sensor Networks | Thu am2 | Sensor Networks | |
| 334 | MAC 21-4 | 1569077974 | On Energy-Efficient and Low-Latency Medium Access Control in Wireless Sensor Networks | Thu am2 | Sensor Networks | |
| 335 | MAC 22-1 | 1569060371 | Capacity Planning of OFDMA Cellular Networks with Decode-and-Forward Relaying | Thu pm1 | OFDM (III) | |
| 336 | MAC 22-2 | 1569070026 | On the Ranging and Scheduling of Data Traffic in OFDMA Mobile Environments | Thu pm1 | OFDM (III) | |
| 337 | MAC 22-3 | 1569077304 | Multi-User Water-Filling in Uplink OFDMA Systems | Thu pm1 | OFDM (III) | |
| 338 | MAC 22-4 | 1569077683 | Advanced Spectrum Management in Multicell OFDMA Networks Enabling Cognitive Radio Usage | Thu pm1 | OFDM (III) | |
| 339 | MAC 23-1 | 1569070293 | Downlink VoIP Support for Evolved UTRA | Thu pm1 | Topics in Communications | |
| 340 | MAC 23-2 | 1569070595 | Supporting Uncompressed HD Video Streaming without retransmissions over 60GHz Wireless Networks | Thu pm1 | Topics in Communications | |

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| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 341 | MAC 23-3 | 1569077370 | Effects of Eccentricity to Performance of M-ary Elliptical Phase Shift Keying (M=4,8) | Thu pm1 | Topics in Communications | |
| 342 | MAC 23-4 | 1569077483 | A Proposal of a Wide Band for Air Traffic Control Communications | Thu pm1 | Topics in Communications | |
| 343 | MAC 23-5 | 1569078163 | Content-aware ARQ for H.264 Streaming in UTRAN | Thu pm1 | Topics in Communications | |
| 344 | MAC 24-1 | 1569069852 | Efficient Multiple Access Using Received Signal Strength and Local Channel Information | Thu pm2 | Wireless Networks (III) | |
| 345 | MAC 24-2 | 1569071314 | On Collision-Tolerant Transmission with Directional Antennas | Thu pm2 | Wireless Networks (III) | |
| 346 | MAC 24-3 | 1569077077 | A Novel SFN Broadcast Services Selection Mechanism in Wireless Cellular Networks | Thu pm2 | Wireless Networks (III) | |
| 347 | MAC 24-4 | 1569077120 | Neighboring APs Discovery and Information Exchange Methods in PnP WLAN System | Thu pm2 | Wireless Networks (III) | |
| 348 | MAC 24-5 | 1569077450 | Multicast Multiuser-ARQ | Thu pm2 | Wireless Networks (III) | |
| 349 | 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 | |
| 350 | MAC 25-2 | 1569069536 | Throughput Analysis of WiMAX Based Wireless Networks | Thu pm2 | WiMAX | |
| 351 | MAC 25-3 | 1569072492 | Statistical Connection Admission Control for Mobile WiMAX Systems | Thu pm2 | WiMAX | |
| 352 | MAC 25-4 | 1569077267 | Performance Improvement for Multichannel HARQ Protocol in Next Generation WiMAX System | Thu pm2 | WiMAX | |
| 353 | 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 | |
| 354 | NET 01-1 | 1569069922 | Statistical Joint Antenna and Node Selection for Multi-Antenna Relay Networks | Mon am1 | Wireless Heterogeneous Networks (I) | |
| 355 | 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) | |
| 356 | NET 01-3 | 1569070306 | An On-line Access Selection Algorithm for ABC Networks Supporting Elastic Services | Mon am1 | Wireless Heterogeneous Networks (I) | |
| 357 | NET 01-4 | 1569071693 | Virtual Partitioning for Connection Admission Control in Cellular/WLAN Interworking | Mon am1 | Wireless Heterogeneous Networks (I) | |
| 358 | NET 01-5 | 1569074032 | Autonomic Joint Session Scheduling Strategies for Heterogeneous Wireless Networks | Mon am1 | Wireless Heterogeneous Networks (I) | |
| 359 | 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) | |
| 360 | NET 02-2 | 1569066089 | A Unified Framework for Movement-Assisted Sensor Deployment | Mon am1 | Wireless Sensor Networks (I) | |
| 361 | NET 02-3 | 1569068065 | Arbutus: Network-Layer Load Balancing for Wireless Sensor Networks | Mon am1 | Wireless Sensor Networks (I) | |
| 362 | 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) | |
| 363 | 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) | |
| 364 | NET 03-1 | 1569061699 | A Location Aware Routing Metric (ALARM) for Multi-Hop, Multi-Channel Wireless Mesh Networks | Mon am1 | Wireless Mesh Networks (I) | |
| 365 | NET 03-2 | 1569069867 | Improving End-to-End Performance of Wireless Mesh Networks Through Smart Association | Mon am1 | Wireless Mesh Networks (I) | |
| 366 | NET 03-3 | 1569069978 | Dynamic Base Station Relocation in Cognitive Mesh Networks Using Packet Switch | Mon am1 | Wireless Mesh Networks (I) | |

## IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 367 | NET 03-4 | 1569075239 | The Effect of Inter-Link Dependencies on the Connectivity of Wireless Mesh Networks | Mon am1 | Wireless Mesh Networks (I) | |
| 368 | NET 03-5 | 1569077757 | Multichannel Wormhole Switching vs. CSMA/CA for Wireless Mesh Networking | Mon am1 | Wireless Mesh Networks (I) | |
| 369 | NET 04-1 | 1569070109 | Sink Location Service for Geographic Routing in Wireless Sensor Networks | Mon am2 | Wireless Sensor Networks (II) | |
| 370 | NET 04-2 | 1569070214 | Energy Efficient and Hop Constraint Intra-cluster Transmission for Heterogeneous Sensor Networks | Mon am2 | Wireless Sensor Networks (II) | |
| 371 | NET 04-3 | 1569070989 | AntMig: A Novel Code Migration Method to Conserve Energy in Ad Hoc Sensor Networks | Mon am2 | Wireless Sensor Networks (II) | |
| 372 | NET 04-4 | 1569077195 | Area Concentric Beacons Localization for Wireless Sensor Networks | Mon am2 | Wireless Sensor Networks (II) | |
| 373 | NET 04-5 | 1569078314 | XLRP: Cross Layer Routing Protocol for Wireless Sensor Networks | Mon am2 | Wireless Sensor Networks (II) | |
| 374 | 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 | |
| 375 | NET 05-2 | 1569076961 | Evaluating MPEG-4/AVC Video Streaming over IEEE 802.11 Wireless Distribution System | Mon am2 | WLAN/IEEE 802.11 | |
| 376 | NET 05-3 | 1569077489 | Voice Capacity Analysis and Enhancement in Wireless LAN | Mon am2 | WLAN/IEEE 802.11 | |
| 377 | NET 05-4 | 1569077702 | Virtual Flow Queueing for Improving TCP Performance over IEEE 802.11 WLANs | Mon am2 | WLAN/IEEE 802.11 | |
| 378 | NET 05-5 | 1569077921 | Slim ARQ for Reliable Broadcasting in Wireless LANs | Mon am2 | WLAN/IEEE 802.11 | |
| 379 | NET 06-1 | 1569070364 | A Performance Comparison of Routing Protocols for Maritime Wireless Mesh Networks | Mon am2 | Wireless Mesh Networks (II) | |
| 380 | NET 06-2 | 1569070403 | A Maximum Fair Bandwidth Approach for Channel Assignment in Wireless Mesh Networks | Mon am2 | Wireless Mesh Networks (II) | |
| 381 | NET 06-3 | 1569071732 | Characterizing Link Importance in Multi-Channel, Multi-Radio, Multi-Rate Wireless Mesh Networks | Mon am2 | Wireless Mesh Networks (II) | |
| 382 | NET 06-4 | 1569077049 | Broadcast Routing and Channel Selection in Multi-Radio Wireless Mesh Networks | Mon am2 | Wireless Mesh Networks (II) | |
| 383 | NET 06-5 | 1569077186 | Widest Spanning Tree for Multi-Channel Multi-Interface Wireless Mesh Networks | Mon am2 | Wireless Mesh Networks (II) | |
| 384 | NET 07-1 | 1569067092 | Mobility Pattern Aware Routing for Heterogeneous Vehicular Networks | Tue pm1 | Vehicular Networks | |
| 385 | NET 07-2 | 1569069351 | Performance Evaluation of Vehicular DTN Routing under Realistic Mobility Models | Tue pm1 | Vehicular Networks | |
| 386 | NET 07-3 | 1569070424 | An Efficient Collision Avoidance Strategy for ITS | Tue pm1 | Vehicular Networks | |
| 387 | NET 07-4 | 1569072052 | Connectivity Aware Routing in Vehicular Networks | Tue pm1 | Vehicular Networks | |
| 388 | NET 07-5 | 1569078098 | Mobility-assisted Location Management for Vehicular Ad Hoc Networks | Tue pm1 | Vehicular Networks | |
| 389 | NET 08-1 | 1569069673 | An Optimum Multiple Metrics Gateway Selection Mechanism in MANET and Infrastructured Networks Integration | Tue pm1 | MANET (I) | |
| 390 | NET 08-2 | 1569071275 | Simulation and Performance Analysis of MP-OLSR for Mobile Ad hoc Networks | Tue pm1 | MANET (I) | |
| 391 | NET 08-3 | 1569077105 | Cooperative Transmit-Power Estimation in MANETs | Tue pm1 | MANET (I) | |
| 392 | NET 08-4 | 1569077444 | PAMP: Power-Aware Multi-Path Routing Protocol for a Wireless Ad hoc Network | Tue pm1 | MANET (I) | |
| 392 | NET 08-5 | 1569078258 | RTRD: Real-Time and Reliable Data Delivery in Ad Hoc Networks | Tue pm1 | MANET (I) | |

# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 394 | NET 09-1 | 1569077323 | Internet Gateway Deployment Optimization in a Multi-Channel Multi-Radio Wireless Mesh Network | Tue pm1 | Wireless Mesh Networks (III) | |
| 395 | NET 09-2 | 1569077663 | Soft QoS in CSMA/CA-based Wireless Mesh Networks | Tue pm1 | Wireless Mesh Networks (III) | |
| 396 | NET 09-3 | 1569077850 | Solar Powered WLAN Mesh Network Provisioning for Temporary Deployments | Tue pm1 | Wireless Mesh Networks (III) | |
| 397 | NET 09-4 | 1569077981 | Optimal Node Placement in Hybrid Solar Powered WLAN Mesh Networks | Tue pm1 | Wireless Mesh Networks (III) | |
| 398 | NET 09-5 | 1569078189 | QoS Support Over UWB Mesh Networks | Tue pm1 | Wireless Mesh Networks (III) | |
| 399 | NET 10-1 | 1569077063 | Proportion-integral power control for wireless ad hoc networks | Tue pm2 | MANET (II) | |
| 400 | NET 10-2 | 1569077070 | On Reducing Broadcast Transmission Cost and Redundancy in Ad Hoc Wireless Networks Using Directional Antennas | Tue pm2 | MANET (II) | |
| 401 | NET 10-3 | 1569077204 | Channel Reuse for Accumulative Repetition Message-Forwarding on Wireless Ad-Hoc Networks | Tue pm2 | MANET (II) | |
| 402 | NET 10-4 | 1569077569 | Minimizing Control Management Overhead for Scalable Mobile Ad-hoc Networks | Tue pm2 | MANET (II) | |
| 403 | NET 10-5 | 1569078252 | RSRP: A Robust Secure Routing Protocol for Mobile Ad hoc Networks | Tue pm2 | MANET (II) | |
| 404 | NET 11-1 | 1569070022 | Heterogeneous Interface Configuration in Wireless Mesh Networks | Tue pm2 | Wireless Mesh Networks (IV) | |
| 405 | NET 11-2 | 1569078007 | Joint Routing and Gateway Selection in Wireless Mesh Networks | Tue pm2 | Wireless Mesh Networks (IV) | |
| 406 | NET 11-3 | 1569078028 | QoS-Enabled Power Saving Access Points for IEEE 802.11e Networks | Tue pm2 | Wireless Mesh Networks (IV) | |
| 407 | NET 11-4 | 1569078127 | Mobility-Aware Multi-Path Forwarding Scheme for Wireless Mesh Networks | Tue pm2 | Wireless Mesh Networks (IV) | |
| 408 | NET 11-5 | 1569078179 | A Novel Capacity Analysis for Wireless Backhaul Mesh Networks | Tue pm2 | Wireless Mesh Networks (IV) | |
| 409 | NET 12-1 | 1569071698 | Locate More Nodes in Under Water Sensor Networks Using Out-of-Range Information | Tue pm2 | Wireless Sensor Networks (III) | |
| 410 | NET 12-2 | 1569071917 | DSML: Dual Signal Metrics for Localization in Wireless Sensor Networks | Tue pm2 | Wireless Sensor Networks (III) | |
| 411 | NET 12-3 | 1569071974 | The Relationship Between Sensor Networks Performance and the Number of Reporting Nodes | Tue pm2 | Wireless Sensor Networks (III) | |
| 412 | NET 12-4 | 1569072937 | Energy Efficient Scheme for Large Scale Wireless Sensor Networks with Multiple Sinks | Tue pm2 | Wireless Sensor Networks (III) | |
| 413 | NET 12-5 | 1569077999 | A Probabilistic Lifetime Analysis for Clustered Wireless Sensor Networks | Tue pm2 | Wireless Sensor Networks (III) | |
| 414 | NET 13-1 | 1569077799 | A Collaborative Quasi-Linear Programming Framework for Ad Hoc Sensor Localization | Wed am1 | Wireless Sensor Networks (IV) | |
| 415 | NET 13-2 | 1569077984 | Clusterization for Robust Geographic Routing in Wireless Sensor Networks | Wed am1 | Wireless Sensor Networks (IV) | |
| 416 | NET 13-3 | 1569078003 | Coordination and Selfishness in Attacks on Visual Sensor Networks | Wed am1 | Wireless Sensor Networks (IV) | |
| 417 | NET 13-4 | 1569078157 | THTA: Triangle-shaped Hierarchy Aggregation Time Allocation Algorithm for Wireless Sensor Networks | Wed am1 | Wireless Sensor Networks (IV) | |
| 418 | NET 13-5 | 1569078355 | Collaborative Target Localization in Camera Sensor Networks | Wed am1 | Wireless Sensor Networks (IV) | |
| 419 | NET 14-1 | 1569067649 | FreeMobility: Dynamic Localization using GIS | Wed am1 | Localization and Mobility Management (I) | |
| 420 | NET 14-2 | 1569067858 | A Novel Semi-distributed Cooperative Localization Technique for MANET: Achieving High Performance | Wed am1 | Localization and Mobility Management (I) | |
| 421 | NET 14-3 | 1569068193 | Novel MAP Selection Scheme Using Location History in Hierarchical MIPv6 Networks | Wed am1 | Localization and Mobility Management (I) | |

# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 422 | NET 14-4 | 1569070117 | Virtual Circle Based Geometric Modeling of Holes for Geographic Routing | Wed am1 | Localization and Mobility Management (I) | |
| 423 | NET 14-5 | 1569070192 | Architectures for Seamless Handover Support in Heterogeneous Wireless Networks | Wed am1 | Localization and Mobility Management (I) | |
| 424 | NET 15-1 | 1569077891 | QoS for Ad Hoc Networks Using an Empirical Model | Wed am1 | MANET (III) | |
| 425 | NET 15-2 | 1569077920 | Estimation of Link Quality and Residual Time in Vehicular Ad Hoc Networks | Wed am1 | MANET (III) | |
| 426 | NET 15-3 | 1569077938 | QoS Architecture in Ad Hoc Networks: Effects of Shadow Classes and ECN to Regulate the Load | Wed am1 | MANET (III) | |
| 427 | NET 15-4 | 1569078173 | Cross-layer Hop-by-Hop Congestion Control in Mobile Ad Hoc Networks | Wed am1 | MANET (III) | |
| 428 | NET 15-5 | 1569078282 | A Novel Incentive-Based and Hardware-Independent Cooperation Mechanism for MANETs | Wed am1 | MANET (III) | |
| 429 | NET 16-1 | 1569073787 | Energy-Efficient Geographical Forwarding Algorithm for Wireless Sensor Networks | Wed am2 | Wireless Sensor Networks (V) | |
| 430 | 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) | |
| 431 | NET 16-3 | 1569075687 | Distributed Recovery of Actor Failures in Wireless Sensor and Actor Networks | Wed am2 | Wireless Sensor Networks (V) | |
| 432 | NET 16-4 | 1569076728 | Basestation-Aided Coverage-Aware Energy-Efficient Routing Protocol for Wireless Sensor Networks | Wed am2 | Wireless Sensor Networks (V) | |
| 433 | NET 16-5 | 1569076764 | Central Angle Decision Algorithm in Coverage-Preserving Scheme for Wireless Sensor Networks | Wed am2 | Wireless Sensor Networks (V) | |
| 434 | NET 17-1 | 1569068081 | Performance Comparison of Control-less scheduling Policies for VoIP in LTE UL | Wed am2 | Cellular Networks (I) | |
| 435 | 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) | |
| 436 | NET 17-3 | 1569070194 | Computing TCP Throughput in a UMTS Network | Wed am2 | Cellular Networks (I) | |
| 437 | NET 17-4 | 1569070264 | An Approach for Downlink VoIP Capacity Estimation in OFDM-Based FDD Networks | Wed am2 | Cellular Networks (I) | |
| 438 | NET 17-5 | 1569072082 | Code Allocation Policy Optimization in HSDPA Networks Using FSMC Channel Model | Wed am2 | Cellular Networks (I) | |
| 439 | NET 18-1 | 1569067469 | Correlation-based Security in Time Synchronization of Sensor Networks | Wed am2 | Network Security (I) | |
| 440 | NET 18-2 | 1569069798 | Security Considerations for Handover Schemes in Mobile WiMAX Networks | Wed am2 | Network Security (I) | |
| 441 | NET 18-3 | 1569071288 | Neural Network-based Approach for Adaptive Density Control and Reliability in Wireless Sensor Networks | Wed am2 | Network Security (I) | |
| 442 | NET 18-4 | 1569073873 | A Location Privacy Preserving Authentication Scheme in Vehicular Networks | Wed am2 | Network Security (I) | |
| 443 | NET 18-5 | 1569077526 | Developing Security Solutions for Wireless Mesh Enterprise Networks | Wed am2 | Network Security (I) | |
| 444 | NET 19-1 | 1569077385 | A Generic Analytical Model of Packet Combining in Wireless Sensor Networks | Wed pm1 | Wireless Sensor Networks (VI) | |
| 445 | NET 19-2 | 1569077474 | Ranking-Based Statistical Localization for Sensor Networks | Wed pm1 | Wireless Sensor Networks (VI) | |
| 446 | NET 19-3 | 1569077606 | Energy-Efficient Routing in Wireless Sensor Networks Using Probabilistic Strategies | Wed pm1 | Wireless Sensor Networks (VI) | |

# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 447 | NET 19-4 | 1569077781 | Connectivity-Aware Network Maintenance and Repair via Relays Deployment | Wed pm1 | Wireless Sensor Networks (VI) | |
| 448 | NET 19-5 | 1569078335 | Analysis for Localization-Oriented Coverage in Camera Sensor Networks | Wed pm1 | Wireless Sensor Networks (VI) | |
| 449 | NET 20-1 | 1569067829 | Link-diversity Routing: A Robust Routing Paradigm for Mobile Networks | Wed pm1 | Routing (I) | |
| 450 | NET 20-2 | 1569070419 | A Group Source Routing Protocol with Efficient Flooding Technique for Mobile Ad Hoc Networks | Wed pm1 | Routing (I) | |
| 451 | NET 20-3 | 1569070901 | A Density Adaptive Routing Protocol for Large-Scale Ad hoc Networks | Wed pm1 | Routing (I) | |
| 452 | NET 20-4 | 1569078075 | Adaptive Routing in Dynamic Ad Hoc Networks | Wed pm1 | Routing (I) | |
| 453 | NET 20-5 | 1569078095 | TART: Traffic-Aware Routing Tree for Geographical Routing | Wed pm1 | Routing (I) | |
| 454 | NET 21-1 | 1569070857 | Anonymous ID-based Group Key Agreement for Wireless Networks | Wed pm1 | Network Security (II) | |
| 455 | NET 21-2 | 1569071196 | RADAR: a ReputAtion-based Scheme for Detecting Anomalous Nodes in WiReless Mesh Networks | Wed pm1 | Network Security (II) | |
| 456 | NET 21-3 | 1569075076 | A Secure Routing Protocol in Proactive Security Approach for Mobile Ad-hoc Networks | Wed pm1 | Network Security (II) | |
| 457 | NET 21-4 | 1569077378 | Network Application Identification Using Transition Pattern of Payload Length | Wed pm1 | Network Security (II) | |
| 458 | NET 21-5 | 1569077443 | A Distributed Group Key Agreement Scheme with Lightweight Re-keying Traffic | Wed pm1 | Network Security (II) | |
| 459 | NET 22-1 | 1569070206 | Providing QoS to Real and Data Applications in WiMax Mesh Networks | Wed pm2 | WiMAX/IEEE 802.16 | |
| 460 | NET 22-2 | 1569072092 | Capacity Estimation for IEEE 802.16 Wireless Multi-Hop Mesh Networks | Wed pm2 | WiMAX/IEEE 802.16 | |
| 461 | NET 22-3 | 1569074629 | On the Uplink Capacity of an 802.16j System | Wed pm2 | WiMAX/IEEE 802.16 | |
| 462 | NET 22-4 | 1569077776 | WiMAX Fast-moving Access Network | Wed pm2 | WiMAX/IEEE 802.16 | |
| 463 | 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 | |
| 464 | 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) | |
| 465 | NET 23-2 | 1569073535 | An Analytical Performance Model of Opportunistic Spectrum Access in a Military Environment | Wed pm2 | Vertical Handover and Cognitive Radio (I) | |
| 466 | NET 23-3 | 1569077287 | mSIGMA: an Efficient Handoff Scheme for Multi-Class Networks | Wed pm2 | Vertical Handover and Cognitive Radio (I) | |
| 467 | NET 23-4 | 1569077485 | Vertical Handover Decision in An Enhanced Media Independent Handover Framework | Wed pm2 | Vertical Handover and Cognitive Radio (I) | |
| 468 | NET 23-5 | 1569077617 | REACH: A Roaming-Enabled Architecture for Multi-Layer Capturing | Wed pm2 | Vertical Handover and Cognitive Radio (I) | |
| 469 | NET 24-1 | 1569072664 | Aisle Routing for Mobile Ad Hoc Networks | Thu am1 | Routing (II) | |
| 470 | NET 24-2 | 1569073820 | Routing in Large-Scale Buses Ad Hoc Networks | Thu am1 | Routing (II) | |
| 471 | NET 24-3 | 1569077285 | Multi-hop Wireless Relay Networks of Mesh Clients | Thu am1 | Routing (II) | |
| 472 | NET 24-4 | 1569077688 | An Enhanced Routing Metric for Fading Wireless Channels | Thu am1 | Routing (II) | |
| 473 | NET 24-5 | 1569077967 | iETT: A Quality Routing Metric for Multi-rate Multi-hop Networks | Thu am1 | Routing (II) | |
| 474 | NET 25-1 | 1569073253 | Adaptive Distributed Gateway Discovery in Hybrid Wireless Networks | Thu am1 | Wireless Heterogeneous Networks (II) | |
| 475 | NET 25-2 | 1569077929 | Efficient Algorithm for Reducing Delay Variation on Delay-bounded Multicast Trees in Heterogeneous Networks | Thu am1 | Wireless Heterogeneous Networks (II) | |

# IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 476 | 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) | |
| 477 | 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) | |
| 478 | 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) | |
| 479 | NET 26-1 | 1569077422 | Dynamic Spectrum Access with Imperfect Sensing in Open Spectrum Wireless Networks | Thu am1 | Vertical Handover and Cognitive Radio (II) | |
| 480 | NET 26-2 | 1569077512 | Simultaneous Handover Support for Mobile Networks on Vehicles | Thu am1 | Vertical Handover and Cognitive Radio (II) | |
| 481 | NET 26-3 | 1569077842 | ECHO: A Quality of Service based Endpoint Centric Handover scheme for VoIP | Thu am1 | Vertical Handover and Cognitive Radio (II) | |
| 482 | NET 26-4 | 1569077868 | Performance Evaluation of vertical handover mechanisms in IP networks | Thu am1 | Vertical Handover and Cognitive Radio (II) | |
| 483 | NET 26-5 | 1569077961 | Vertical Handoff Decision Scheme Using MADM for Wireless Networks | Thu am1 | Vertical Handover and Cognitive Radio (II) | |
| 484 | NET 27-1 | 1569071344 | Modeling User Churning Behavior in Wireless Networks Using Evolutionary Game Theory | Thu am2 | Network Security (III) | |
| 485 | NET 27-2 | 1569072144 | Duplicate Packet Detection for Multicast: Methods, Analysis, and Relative Performance | Thu am2 | Network Security (III) | |
| 486 | 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) | |
| 487 | NET 27-4 | 1569078017 | Energy-Distortion-Authentication Optimized Resource Allocation for Secure Wireless Image Streaming | Thu am2 | Network Security (III) | |
| 488 | NET 27-5 | 1569078079 | A Mechanism Design-Based Multi-Leader Election Scheme for Intrusion Detection in MANET | Thu am2 | Network Security (III) | |
| 489 | NET 28-1 | 1569070250 | Per-Application Mobility Management with Cross-Layer Based Performance Enhancement | Thu am2 | Localization and Mobility Management (II) | |
| 490 | NET 28-2 | 1569071843 | Optimizing Fast Handover for Mobile IPv6 with Dynamic Price | Thu am2 | Localization and Mobility Management (II) | |
| 491 | NET 28-3 | 1569077654 | A Predictive Movement Based Handover Algorithm for Broadband Wireless Networks | Thu am2 | Localization and Mobility Management (II) | |
| 492 | NET 28-4 | 1569077717 | Toward Mobility and Multihoming Unification The SHIM6 Protocol : A Case Study | Thu am2 | Localization and Mobility Management (II) | |
| 493 | NET 28-5 | 1569077979 | Towards an architecture for mobility management and resources control | Thu am2 | Localization and Mobility Management (II) | |
| 494 | NET 29-1 | 1569072022 | RTDD: A Real-Time Communication Protocol for Directed Diffusion | Thu am2 | Network Design and Protocol (I) | |
| 495 | NET 29-2 | 1569073987 | Network Coding Opportunity Analysis of COPE in Multihop Wireless Networks | Thu am2 | Network Design and Protocol (I) | |
| 496 | NET 29-3 | 1569075526 | Impact of MIMO Systems on CRRM in Heterogeneous Networks | Thu am2 | Network Design and Protocol (I) | |
| 497 | NET 29-4 | 1569076958 | Threshold-Based Rate Control for Multimedia Transport over Markovian Wireless Channels | Thu am2 | Network Design and Protocol (I) | |
| 498 | NET 29-5 | 1569077886 | Energy-aware Co-operative (ECO) Relay-Based Packet Transmission in Wireless Networks | Thu am2 | Network Design and Protocol (I) | |
| 499 | NET 30-1 | 1569077557 | Cooperative Multi-Hop Wireless Sensor-Actuator Networks: Exploiting Actuator-Cooperation and Cross-Layer Optimizations | Thu pm1 | Wireless Sensor Networks (VII) | |
| 500 | NET 30-2 | 1569077624 | Network-Assisted Sink Navigation Protocols for Data Harvesting in Sensor Networks | Thu pm1 | Wireless Sensor Networks (VII) | |
| 501 | NET 30-3 | 1569077631 | Communication Architecture to Support Multiple Mobile Users in Wireless Sensor Networks | Thu pm1 | Wireless Sensor Networks (VII) | |

**IEEE WCNC Technical Paper Assignments**

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 502 | NET 30-4 | 1569077680 | Performance of a WSN in the presence of channel variations and interference | Thu pm1 | Wireless Sensor Networks (VII) | |
| 503 | NET 30-5 | 1569077736 | Synchronization Service Integrated into Routing Layer in Wireless Sensor Networks | Thu pm1 | Wireless Sensor Networks (VII) | |
| 504 | 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) | |
| 505 | NET 31-2 | 1569077046 | Adaptive Gateway Discovery Scheme for Mobile Ubiquitous Networks | Thu pm1 | Cellular Networks (II) | |
| 506 | NET 31-3 | 1569077502 | A distributed mechanism for detecting cell data inconsistencies in LTE radio access networks | Thu pm1 | Cellular Networks (II) | |
| 507 | 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) | |
| 508 | NET 31-5 | 1569077706 | Outage Probability Analysis for Sectored Cellular Networks | Thu pm1 | Cellular Networks (II) | |
| 509 | NET 32-1 | 1569077510 | On the outage probability for multi-hop communications over array network deployments | Thu pm1 | Network Design and Protocol (II) | |
| 510 | 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) | |
| 511 | NET 32-3 | 1569078051 | A Data Transmission Control to Maximize Discharge Capacity of Battery | Thu pm1 | Network Design and Protocol (II) | |
| 512 | NET 32-4 | 1569078183 | How Much Improvement Can We Get From Partially Overlapped Channels? | Thu pm1 | Network Design and Protocol (II) | |
| 513 | 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) | |
| 514 | NET 33-1 | 1569066580 | Balancing CRRM Performance Goals with Load Shared Packet Services | Thu pm2 | Load Balancing and Call Admission Control | |
| 515 | NET 33-2 | 1569070332 | Optimal Call Admission Control Policy In Wireless Networks | Thu pm2 | Load Balancing and Call Admission Control | |
| 516 | 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 | |
| 517 | NET 33-4 | 1569077638 | A Maximum-Throughput Call Admission Control Policy for CDMA Beamforming Systems | Thu pm2 | Load Balancing and Call Admission Control | |
| 518 | 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 | |
| 519 | NET 34-1 | 1569070974 | The Localization Problem in Networks of Uniformly Deployed Nodes | Thu pm2 | Localization and Mobility Management (III) | |
| 520 | NET 34-2 | 1569071326 | A Coverage-based Handover Algorithm for High-speed Data Service | Thu pm2 | Localization and Mobility Management (III) | |
| 521 | NET 34-3 | 1569072546 | Mitigation of the propagation of localization error using multi-hop bounding | Thu pm2 | Localization and Mobility Management (III) | |
| 522 | NET 34-4 | 1569074457 | Multidimensional Scaling Algorithm for Mobile Location Based on Hybrid SADOA/TOA Measurement | Thu pm2 | Localization and Mobility Management (III) | |
| 523 | NET 34-5 | 1569077674 | An Intelligent Tunneling Framework for Always Best Connected Support in Network Mobility (NEMO) | Thu pm2 | Localization and Mobility Management (III) | |
| 524 | SAA 01-1 | 1569077722 | A Generic Layer Model for Context-Aware Communication Adaptation | Mon am1 | Middleware Support for Wireless/Mobile Applications | |
| 525 | SAA 01-2 | 1569078026 | Profile-Cast: Behavior-Aware Mobile Networking | Mon am1 | Middleware Support for Wireless/Mobile Applications | |
| 526 | SAA 01-3 | 1569078046 | SMILE, a Simple Middleware Independent LayEr for distributed mobile applications | Mon am1 | Middleware Support for Wireless/Mobile Applications | |

## IEEE WCNC Technical Paper Assignments

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 527 | SAA 01-4 | 1569078083 | A Cluster-based Middleware for Infrastructure Wireless Mesh Networks | Mon am1 | Middleware Support for Wireless/Mobile Applications | |
| 528 | 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 | |
| 529 | SAA 02-1 | 1569070664 | Bluetooth 2.1 based Emergency Data Delivery System in HealthNet | Tue pm1 | Emerging Wireless/Mobile Networking Applications (I) | |
| 530 | SAA 02-2 | 1569071440 | Combining Cricket System and Inertial Navigation for Indoor Human Tracking | Tue pm1 | Emerging Wireless/Mobile Networking Applications (I) | |
| 531 | SAA 02-3 | 1569073338 | Intelligent Weather Systems with Fuzzy Logic Controller for Satellite Networks | Tue pm1 | Emerging Wireless/Mobile Networking Applications (I) | |
| 532 | SAA 02-4 | 1569077498 | A Vehicle Collision Warning System Employing Vehicle-to-infrastructure Communications | Tue pm1 | Emerging Wireless/Mobile Networking Applications (I) | |
| 533 | SAA 02-5 | 1569065033 | On the Availability of Wireless Sensor Networks | Tue pm1 | Emerging Wireless/Mobile Networking Applications (I) | |
| 534 | SAA 03-1 | 1569069961 | Location Based Services - Enterprise Mobility | Tue pm2 | Context and Location-Aware Wireless Services | |
| 535 | SAA 03-2 | 1569070223 | Service Discovery in Wireless Mesh Networks | Tue pm2 | Context and Location-Aware Wireless Services | |
| 536 | SAA 03-3 | 1569071872 | Real-time Audio Distribution over Proximity Connections using Smart Phones | Tue pm2 | Context and Location-Aware Wireless Services | |
| 537 | SAA 03-4 | 1569073902 | Real-world oriented communication platform "LocationCall" | Tue pm2 | Context and Location-Aware Wireless Services | |
| 538 | SAA 03-5 | 1569077198 | Service-Oriented Device Composition in Resource-Constrained Ubiquitous Environments | Tue pm2 | Context and Location-Aware Wireless Services | |
| 539 | 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 | |
| 540 | SAA 04-2 | 1569071484 | Adaptive Split Transmission For Video Streams In Wireless Mesh Networks | Wed am1 | Multimedia QoS Support | |
| 541 | SAA 04-3 | 1569075934 | A Transcoding-Free Multiple Description Coder for Voice over Mobile Ad-hoc Networks | Wed am1 | Multimedia QoS Support | |
| 542 | SAA 04-4 | 1569078049 | Dynamic Packet Selection for H.264 Video Streaming over IEEE 802.11e WLANs | Wed am1 | Multimedia QoS Support | |
| 543 | SAA 04-5 | 1569078194 | A Framework of Cross-Layer Superposition Coded Multicast for Robust IPTV Services over WiMAX | Wed am1 | Multimedia QoS Support | |
| 544 | SAA 05-1 | 1569067032 | An Approach to Secure Localization in WLANs | Wed am2 | Security Techniques and Systems | |
| 545 | SAA 05-2 | 1569067274 | Security Concept for Distributed Service Execution Environments | Wed am2 | Security Techniques and Systems | |
| 546 | SAA 05-3 | 1569067842 | Testbed Implementation of A Secure Flooding Time Synchronization Protocol | Wed am2 | Security Techniques and Systems | |
| 547 | SAA 05-4 | 1569072828 | Trust for Location-based Authorisation | Wed am2 | Security Techniques and Systems | |
| 548 | SAA 05-5 | 1569077578 | On the deployment of Mobile Trusted Modules | Wed am2 | Security Techniques and Systems | |
| 549 | SAA 06-1 | 1569076825 | A Dynamic Spectrum Allocation Scheme with Interference Mitigation in Cooperative Networks | Wed pm1 | Techniques for Improved Service/Application Performance (I) | |
| 550 | SAA 06-2 | 1569077897 | Artificial Code Puncturing for Wireless Networks | Wed pm1 | Techniques for Improved Service/Application Performance (I) | |
| 551 | 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) | |
| 552 | SAA 06-4 | 1569078016 | An Optimal UEP Scheme of Audio Transmission over MIMO Wireless Links | Wed pm1 | Techniques for Improved Service/Application Performance (I) | |

**IEEE WCNC Technical Paper Assignments**

| | Track | Paper # | Paper Name | Date | Session Name | PID |
|---|---|---|---|---|---|---|
| 553 | 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) | |
| 554 | 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) | |
| 555 | SAA 07-2 | 1569076872 | Virtual Network Capacity Expansion Through Service Outsourcing | Wed pm2 | Techniques for Improved Service/Application Performance (II) | |
| 556 | 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) | |
| 557 | SAA 07-4 | 1569077058 | Robust and Scalable Mobility Support for Real-time Applications | Wed pm2 | Techniques for Improved Service/Application Performance (II) | |
| 558 | SAA 07-5 | 1569077848 | Senslets -- Applets for the Sensor Internet | Wed pm2 | Techniques for Improved Service/Application Performance (II) | |
| 559 | SAA 08-1 | 1569073244 | Blockage Identification in Indoor UWB Ranging using Multi Band OFDM Signals | Thu am1 | Techniques for Improved Service/Application Performance (III) | |
| 560 | SAA 08-2 | 1569077847 | A Novel Fair Incentive Protocol for Mobile Ad Hoc Networks | Thu am1 | Techniques for Improved Service/Application Performance (III) | |
| 561 | SAA 08-3 | 1569077867 | A New Dynamic Group Key Management Scheme with Low Rekeying Cost | Thu am1 | Techniques for Improved Service/Application Performance (III) | |
| 562 | SAA 08-4 | 1569078310 | Design of 3G Wireless Networks with Access Concentrators | Thu am1 | Techniques for Improved Service/Application Performance (III) | |
| 563 | SAA 08-5 | 1569077326 | Dynamic Session Modification between Multiple Devices in the IMS/MMD Architecture | Thu am1 | Techniques for Improved Service/Application Performance (III) | |
| 564 | SAA 09-1 | 1569074578 | Ubiquitous Terminal Assisted Positioning Prototype | Thu pm1 | Emerging Wireless/Mobile Networking Applications (II) | |
| 565 | SAA 09-2 | 1569077410 | Realistic Mobility Aware Information Gathering in Disaster Areas | Thu pm1 | Emerging Wireless/Mobile Networking Applications (II) | |
| 566 | SAA 09-3 | 1569077558 | Implementing QoS Support in a Wireless Home Network | Thu pm1 | Emerging Wireless/Mobile Networking Applications (II) | |
| 567 | SAA 09-4 | 1569078069 | Using Swarm Intelligence and Bayesian Inference for Aircraft Interrogation | Thu pm1 | Emerging Wireless/Mobile Networking Applications (II) | |
| 568 | SAA 09-5 | 1569078205 | A Systematic Probabilistic Approach for Estimation in Dense Wireless Sensor Networks | Thu pm1 | Emerging Wireless/Mobile Networking Applications (II) | |
| 569 | SAA 10-1 | 1569072928 | Temporal Resilience of Deployment Quality in Surveillance Wireless Sensor Networks | Thu pm2 | Application/Service/Network Performance Characterization | |
| 570 | SAA 10-2 | 1569077709 | Modeling an Opportunistic Spectrum Sharing System with Correlated Arrival Process | Thu pm2 | Application/Service/Network Performance Characterization | |
| 571 | 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 | |
| 572 | SAA 10-4 | 1569078084 | Characterizing Multi-Hop Communication in Vehicular Networks | Thu pm2 | Application/Service/Network Performance Characterization | |
| 573 | SAA 10-5 | 1569078195 | On the Accuracy of Sampling Schemes for Wireless Network Characterization | Thu pm2 | Application/Service/Network Performance Characterization | |