

ESIT '13 Poster Presentation Agenda

Session I (Tuesday – 13:30)

1. Angelova S. - *Equal Transmit Power Secrecy Rate of MIMO Fading Wiretap Channels*
2. Chou R. - *Secret-Key Generation by Rate-Limited Public Communication*
3. Clazzer F. - *Enhanced Contention Resolution Aloha (ECRA) and Optimum Header location in SIC Aloha based MAC Protocols*
4. Eftimov T. - *Mutual Information of Isotropically Distributed Unitary Signals on Block Rayleigh-faded Multiple Access Channels*
5. Huang S. - *Encode an Arbitrary Function of Sources with or without Memory with Linear Coding over Finite Rings*
6. Jingge Z. - *Lattice codes for many-to-one cognitive interference channels*
7. Miteva M. – *Some random matrix results with application to the multiple access channel*
8. Pradier M. - *Lossy Source Compression of Multiple Gaussian Sources*
9. Ren Z. - *Compute-and-Forward in Structured Networks*
10. Saeedi S. - *A Block Markov Encoding Scheme for Broadcasting Nested Message Sets*
11. Stein M.- *Quantization-loss Reduction for Information Measures*
12. Trillingsgaard K.F. - *Blahut-Arimoto Algorithm and Code Design for Action-dependent Source Coding Problems*
13. Vujović S. - *Concentration Measure Based Sparse Signal Reconstruction*

Session II (Tuesday - 15:30)

1. Iscan O. – *Quantizer Design for the Two-way Relay Channel*

2. Jamali V. – *Adaptive Mode Selection in Bidirectional Buffer-aided Relay Networks With Fixed Transmit Powers*
3. Kitanov S. - *Comparison of Dirty Paper Coding and Tomlinson-Harashima Precoding for Downlink MU-MIMO Wireless Communication Systems*
4. Lenkeit F. - *Reliability-Aware Iterative Detection (RAID) in Relay-Systems*
5. Maier H. - *Cyclic Interference Neutralization on the Full-Duplex Relay-Interference Channel*
6. Nedelcu A. - *Matching Strategies for Compact Antenna Arrays*
7. Papa G. – *A Dominance-Based Soft-Input Soft-Output MIMO Detector With Near-Optimal Performance*
8. Smiljkovic K. - *Network Coordinated Beamforming with User Clustering for Cooperative Spectrum Sharing of Multiple Secondary Systems*
9. Thomsen H. - *Rate-Efficient Coverage Extension with MIMO Four-Way Relaying in Wireless Cellular Systems*
10. Yi X. - *Degrees of Freedom of Time Correlated Broadcast Channels with Delayed CSIT: The MIMO Case*
11. Yildirim S. A. - *Compress and Forward Relaying for the Broadcast Relay Channels*
12. Zlatanov N. - *Buffer-Aided Relaying with Adaptive Link Selection—Fixed and Mixed Rate Transmission*

Session III (Thursday – 13:30)

1. Afser H. – *Channel Polarization with Second Order Polarization Memory*
2. Bartz H. - *On the Locality of Codeword Symbols*
3. Brkic S. - *Performace of HARQ Technique with UMTS Turbo Code in Nakagami Fading Channels*
4. Garrammone G. - *Non-Binary Low-Density Parity-Check Codes for the q -ary Erasure Channel*
5. Hisojo M.A. - *L2-Orthogonal ST-Code Design for Multi-h CPM with fast Decoding*
6. Kern D. - *An alternative Code Construction Method for Polar Codes using the Min-Sum Density*
7. Kovacevic M. - *Subset and Multiset Codes*

8. Lazarevic D. - *Block and convolutional LDPC codes: Constructing methods and decoding algorithms*
9. Minja A. - *Storage Allocations for Layered Messages*
10. Mohamed M. - *A Chase-like Decoding Algorithm for Reed-Solomon Codes Based on the Extended Euclidean Algorithm*
11. Popovska-Mitrovikj A. - *Random Codes Based on Quasi-groups*
12. Stinner M. - *Finite-Length Scaling of Convolutional LDPC Codes*

Session IV (Thursday – 15:30)

1. Angelicinoski M. - *Theoretical performance bounds of RSS-based localization with uncertain anchor positions: A non-Bayesian approach*
2. Denkovski D. - *Novel RSS-based self-localization framework for emerging self-aware wireless networks*
3. Ligata A. - *Radio frequency Impairments in an OFDM system with Channel Estimation in Frequency-Selective Fading Channel*
4. Monsees F. - *Compressed Sensing Soft Activity Estimation for Frame Based Multi-User Scenarios*
5. Neshov N. - *Comparison on Late Fusion Approaches of Low Level Features for Content Based Image Retrieval*
6. Pejovski S. - *Cross-layer framework for joint source channel coding for real time H.264/AVC video transmission over wireless channels using outage probability*
7. Rafajlovska A. - *Interference alignment in OFDM with finite SNR*
8. Rakovic V. - *Capacity aware cooperative spectrum sensing based on noise power estimation*
9. Wang C.Y. - *Multi-Round Computation of Type-Threshold Functions in Gaussian Networks*