

Student Paper Contest

Merrill Hall - Sunday, November 6, 2011, 4:00 - 6:30 PM

“Spectrum Leasing via Cooperative Opportunistic Routing in Distributed Ad Hoc Networks: Optimal and Heuristic Policies”

Cristiano Tapparello, Davide Chiarotto, Michele Rossi, University of Padova; Osvaldo Simeone, New Jersey Institute of Technology; Michele Zorzi, University of Padova

“Correcting Erasure Bursts with Minimum Decoding Delay”

Zhi Li, Stanford University; Ashish Khisti, University of Toronto; Bernd Girod, Stanford University

“Asymptotic Analysis of Double-Scattering Channels”

Jakob Hoydis, Romain Couillet, and Merouane Debbah, SUPELEC

“Mutual Information Distribution of Interference-Limited MIMO: A Joint Coulomb Fluid and Painleve Based Approach”

Shang Li, Hong Kong University of Science and Technology; Yang Chen, Imperial College London; Matthew McKay, Hong Kong University of Science and Technology

“MSE-Optimal Power Allocation in Wireless Sensor Networks for Field Reconstruction Based on Shift-Invariant Spaces”

Günter Reise, Vienna University of Technology; Javier Matamoros and Carles Antón-Haro, CTTC; Gerald Matz, Vienna University of Technology

“On the Limits of Sequential Testing in High Dimensions”

Matthew Malloy and Robert Nowak, University of Wisconsin

“Non-Uniform Linear Arrays for Improved Identifiability in Cumulant Based DOA Estimation”

Piya Pal and P.P. Vaidyanathan, California Institute of Technology

“Maximum Likelihood Time Delay Estimation for CDMA Direct Spread Multipath Transmissions Using Importance Sampling”

Ahmed Masmoudi, Faouzi Bellili, and Sofiene Affes, INRS-EMT

“Haplotype Inference Based on Sparse Dictionary Selection”

G.H. Jajamovich and X. Wang, Columbia University

“A High-Performance Area-Efficient AES Encipher on a Many-core Platform”

Bin Liu and Bevan Baas, University of California, Davis

“Learning Dictionaries for Local Sparse Coding in Image Classification”

Jayaraman J. Thiagarajan and Andreas Spanias, Arizona State University