

Student Paper Contest

Merrill Hall - Sunday, November 7, 2010, 4:30 - 6:30 PM

“Outage Probability of MISO Broadcast Systems with Noisy Channel Side Information”

Alon Shalev Housfater, Teng Joon Lim, University of Toronto

“Distributed Learning under Imperfect Sensing in Cognitive Radio Networks”

Keqin Liu, Qing Zhao, University of California, Davis; Bhaskar Krishnamachari, USC

“Biologically Inspired Coupled Antenna Array for Direction of Arrival Estimation”

Murat Akcakaya, Washington University in St. Louis; Carlos H. Muravchik, Universidad Nacional de La Plata; Arye Nehorai, Washington University in St. Louis

“Weighted Sum-Rate Maximization for a Set of Interfering Links via Branch and Bound”

Chathuranga Weeraddana, Marian Codreanu, Matti Latva-aho, University of Oulu; Anthony Ephremides, University of Maryland

“A Low Energy High Speed Reed-Solomon Decoder Using Decomposed Inversionless Berlekamp-Massey Algorithm”

Hazem A. Ahmed, Hamed Salah, Tallal ElShabrawy, German University in Cairo; Hossam A. H. Fahmy, Cairo University

“ ρ -Domain Rate Control for JPEG XR”

Duncan Chan, Jie Liang, Simon Fraser University; Chengjie Tu, Microsoft Corp.

“Achievable Rates in Two-user Interference Channels with Finite Inputs and (Very) Strong Interference”

Frederic Knabe, Aydin Sezgin, Ulm University

“Distributed Signature Learning and Calibration for Large-Scale Sensor Networks”

Naveen Ramakrishnan, Emre Ertin, Randolph Moses, The Ohio State University

“The Role of Channel Distribution Information in the Cross-Layer Design of Opportunistic Scheduler for MIMO Networks”

Sheu-Sheu Tan, University of California, San Diego; Adam Anderson, University of South Florida; James Zeidler, University of California, San Diego