2015 Student Paper Contest

Heather - Sunday, November 8, 2015, 4:00–6:30 pm

Track A
"A Tractable Model for Per User Rate in Multiuser Millimeter Wave Cellular Networks" Mandar Kulkarni, Ahmed Alkhateeb, Jeffrey Andrews, University of Texas at Austin, United States

Track B
"Interference Alignment-Aided Base Station Clustering using Coalition Formation" Rasmus Brandt, Rami Mochaourab, Mats Bengtsson, KTH Royal Institute of Technology, Sweden

Track C
"Sampling of Graph Signals: Successive Local Aggregations at a Single Node" Santiago Segarra, University of Pennsylvania, United States; Antonio Marques, King Juan Carlos University, Spain; Geert Leus, Delft University of Technology, Netherlands; Alejandro Ribeiro, University of Pennsylvania, United States

Track D
"Minimal Dictionaries for Spanning Periodic Signals" Srikanth V. Tenneti, P. P. Vaidyanathan, California Institute of Technology, United States

Track E
"SQR: Successive QCQP Refinement for MIMO Radar Waveform Design under Practical Constraints" Omar Aldayel, Vishal Monga, Pennsylvania State University, United States; Muralidhar Rangaswamy, Air Force Research Laboratory, United States

Track F
"Optimal Gene Regulatory Network Inference using the Boolean Kalman Filter and Multiple Model Adaptive Estimation" Mahdi Imani, Ulisses Braga-Neto, Texas A&M University, United States

Track G
"Architectures for Stochastic Normalized and Modified Lattice IIR Filters" Yin Liu, Keshab Parhi, University of Minnesota, Twin Cities, United States

Track H
"Screen Content Image Segmentation using Sparse-Smooth Decomposition" Shervin Minaee, Amirali Abdolrashidi, New York University, United States