2016 Asilomar Conference on Signals, Systems and Computers Student Paper Contest Results

First Place

"Two-Dimensional Sparse Arrays with Hole-Free Coarray and Reduced Mutual Coupling"
Chun-Lin Liu, Palghat Vaidyanathan, California Institute of Technology, United States.

Second Place

"On the Impact of Blockage on the Throughput of Multi-tier Millimeter-Wave Networks"
Shuqiao Jia, David Ramirez, Rice University, United States; Lei Huang, Yi Wang, Huawei Technologies Co. Ltd., China; Behnaam Aazhang, Rice University, United States

Third Place

"A Distributed Range-based Algorithm for Localization in Mobile Networks" **Sam Safavi**, Usman Khan, Tufts University, United States

FINALISTS:

"Fundamental Limits of Secure Device-to-Device Coded Caching" **Ahmed A. Zewail**, Aylin Yener, Pennsylvania State University, United States

"Robust Precoding Design for Massive MISO Downlink" **Mostafa Medra**, Timothy Davidson, McMaster University, Canada.

"Parallel Asynchronous Lock-free Algorithms for Nonconvex Big-Data Optimization" **Loris Cannelli**, Gesualdo Scutari, Purdue University, United States; Francisco Facchinei, University of Rome, La Sapienza, Italy; Vyacheslav Kungurtsev, Czech Technical University in Prague, Czech Republic.

"Memristor Based Adder Circuit Design" **Nagaraja Revanna**, Earl Swartzlander, University of Texas at Austin, United States.