

IEEE Signal Processing Society
Signal Processing Letters Best Paper Award

The IEEE Signal Processing Letters Best Paper Award shall honor the author(s) of a letter article of exceptional merit and broad interest on a subject related to the Society's technical scope and appearing in the IEEE Signal Processing Letters.

2022	Lorenzo Vangelista for “Frequency Shift Chirp Modulation: The LoRa Modulation”, <i>IEEE Signal Processing Letters</i> , vol. 24, no. 12, December 2017.
2021	Chun-Lin Liu and P. P. Vaidyanathan , for “Remarks on the Spatial Smoothing Step in Coarray MUSIC”, <i>IEEE Signal Processing Letters</i> , vol. 22, no. 9, September 2015.
2020	Justin Salamon and Juan Pablo Bello , for “Deep Convolutional Neural Networks and Data Augmentation for Environmental Sound Classification”, <i>IEEE Signal Processing Letters</i> , vol. 24, no. 3, March 2017.
2019	Stelios Timotheou and Ioannis Krikidis , for “Fairness for Non-Orthogonal Multiple Access in 5G Systems”, <i>IEEE Signal Processing Letters</i> , vol. 22, no. 10, October 2015.
2018	Zhiguo Ding, Zheng Yang, Pingzhi Fan, and H. Vincent Poor , for “On the Performance of Non-Orthogonal Multiple Access in 5G Systems with Randomly Deployed Users”, <i>IEEE Signal Processing Letters</i> , vol. 21, no. 12, December 2014.
2017	Anish Mittal, Rajiv Soundararajan and Alan C. Bovik , for the paper entitled, Making a “Completely Blind” Image Quality Analyzer, <i>IEEE Signal Processing Letters</i> , Volume 20, Number 3, March 2013.
2016	Ye Yang, Qiang Li, Wing-Kin Ma, Jianhua Ge and P. C. Ching , for the paper entitled, Cooperative Secure Beamforming for AF Relay Networks With Multiple Eavesdroppers, <i>IEEE Signal Processing Letters</i> , Volume 20, No. 1, January 2013.
2015	Argyrios Zymnis, Stephen Boyd and Emmanuel Candès , for the paper entitled, Compressed Sensing With Quantized Measurements, <i>IEEE Signal Processing Letters</i> , Volume 17, Number 2, February 2010.
2014	Emanuël A. P. Habets, Sharon Gannot and Israel Cohen , for the paper entitled, Late Reverberant Spectral Variance Estimation Based on a Statistical Model, <i>IEEE Signal Processing Letters</i> , Volume 16, Number 9, September 2009.
2013	Gan Zheng, Kai-Kit Wong, Arogyaswami Paulraj and Bjorn Ottersten , for the paper entitled, Collaborative-Relay Beamforming with Perfect CSI: Optimum and Distributed Implementation, <i>IEEE Signal Processing Letters</i> , Volume 16, Number 4, April 2009.