## IEEE Signal Processing Society Young Author Best Paper Award (formerly known as the Paper Award)

| 2023 | <b>Neil Zeghidour</b> for the paper co-authored with David Grangier, "Wavesplit: End-to-End Speech Separation by Speaker Clustering", <i>IEEE/ACM Transactions on Audio, Speech, and Language Processing</i> , 2021.   |
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|      | <b>Chenhong Zhou</b> for the paper co-authored with Changxing Ding, Xinchao Wang, Zhentai Lu, and Dacheng Tao, "One-Pass Multi-Task Networks with Cross-Task Guided Attention for Brain Tumor Segmentation", <i>IEEE Transactions on Image Processing</i> , 2020.  |
|      | Neev Samuel for the paper co-authored with Tzvi Diskin and Ami Wiesel, "Learning to Detect", IEEE Transactions on Signal Processing, May 2019.   |
| 2022 | Ashutosh Pandey for the paper co-authored with DeLiang Wang, for "A New Framework for CNN-Based Speech Enhancement in the Time Domain", IEEE/ACM Transactions on Audio, Speech, and Language Processing, vol. 27, no. 7, July 2019.  |
|      | Qiuqiang Kong and Turab Iqbal for the paper co-authored with Yin Cao, Yuxuan Wang, Wenwu Wang, and Mark D. Plumbley, for "PANNs: Large-Scale Pretrained Audio Neural Networks for Audio Pattern Recognition", IEEE/ACM Transactions on Audio, Speech, and Language Processing, vol. 28, October 2020.  |
| 2021 | Fan Liu, Longfei Zhou, and Ang Li, for the paper co-authored with Christos Masouros, Wu Luo, and Athina Petropulu, for "Toward Dual-functional Radar-Communication Systems: Optimal Waveform Design", IEEE Transactions on Signal Processing, vol. 66, no. 16, August 2018.  |
|      | <b>Szu-Wei Fu,</b> for the paper co-authored with Tao-Wei Wang, Yu Tsao, Xugang Lu, and Hisashi Kawai, for "End-to-End Waveform Utterance Enhancement for Direct Evaluation Metrics Optimization by Fully Convolutional Neural Networks", <i>IEEE/ACM Transactions on Audio</i> , <i>Speech</i> , and <i>Language Processing</i> , vol. 26, no. 9, September 2018. |
|      | Chengwei Zhou, for the paper co-authored with Yujie Gu, Xing Fan, Zhiguo Shi, Guoqiang Mao, and Yimin D. Zhang, for "Direction-of-Arrival Estimation for Coprime Array via Virtual Array Interpolation", IEEE Transactions on Signal Processing, vol. 66, no. 22, November 2018.   |
|      | Kaiming Shen, for the paper co-authored with Wei Yu, for "Fractional Programming for Communication Systems—Part I: Power Control and Beamforming", IEEE Transactions on Signal Processing, vol. 66, no. 10, May 2018.  |

Joshua Rapp, for the paper co-authored with Vivek K. Goyal, for "A Few Photons Among Many: Unmixing Signal and Noise for Photon-Efficient Active Imaging", *IEEE Transactions on Computational Imaging*, vol. 3, no. 3, September 2017.

**Bo Li**, for the paper co-authored with Athina P. Petropulu and Wade Trappe, for "Optimum Co-Design for Spectrum Sharing between Matrix Completion Based MIMO Radars and a MIMO Communication System", *IEEE Transactions on Signal Processing*, vol. 64, no. 17, September 2016.

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**Yuki Saito** and **Shinnosuke Takamichi**, for the paper co-authored with Hiroshi Saruwatari, for "Statistical Parametric Speech Synthesis Incorporating Generative Adversarial Networks", *IEEE/ACM Transactions on Audio*, *Speech*, and *Language Processing*, vol. 26, no. 1, January 2018.

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**Xiang Wu**, for the paper co-authored with Ran He, Zhenan Sun, and Tieniu Tan, for "A Light CNN for Deep Face Representation With Noisy Labels", *IEEE Transactions on Information Forensics and Security*, vol. 13, no. 11, November 2018.

**Daichi Kitamura**, for the paper co-authored with Nobutaka Ono, Hiroshi Sawada, Hirokazu Kameoka, and Hiroshi Saruwatari, for "Determined Blind Source Separation Unifying Independent Vector Analysis and Nonnegative Matrix Factorization", *IEEE/ACM Transactions on Audio*, *Speech*, and *Language Processing*, Volume 24, No. 9, September 2016.

**Sebastian Dörner** and **Sebastian Cammerer**, for the paper co-authored with Jakob Hoydis and Stephan ten Brink, for "Deep Learning Based Communication Over the Air", *IEEE Journal of Selected Topics in Signal Processing*, Volume 12, No. 1, February 2018.

**Mianzhi Wang**, for the paper co-authored with Arye Nehorai, for "Coarrays, MUSIC, and the Cramer-Rao Bound", *IEEE Transactions on Signal Processing*, Volume 65, No. 4, February 2017.

Zhijin Qin, for the paper co-authored with Yue Gao, Mark D. Plumbley, and Clive G. Parini, for "Wideband Spectrum Sensing on Real-Time Signals at Sub-Nyquist Sampling Rates in Single and Cooperative Multiple Nodes", IEEE Transactions on Signal Processing, vol. 64, no. 12, June 2016.

**Suhas Sreehari**, for the paper co-authored with S. V. Venkatakrishnan, Brendt Wohlberg, Gregery T. Buzzard, Lawrence F. Drummy, Jeffrey P. Simmons, and Charles A. Bouman, for "Plug-and-Play Priors for Bright Field Electron Tomography and Sparse Interpolation", IEEE Transactions on Computational Imaging, vol. 2, no. 4, December 2016.

**Eric C. Hall**, for the paper co-authored with Rebecca M. Willett, for "Online Convex Optimization in Dynamic Environments", IEEE Journal of Selected Topics in Signal Processing, vol. 9, no. 4, June 2015.

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**Mojtaba Soltanalian**, for the paper co-authored with Petre Stoica entitled, Designing Unimodular Codes Via Quadratic Optimization, *IEEE Transactions on Signal Processing*, Volume 62, No. 5, March 2014.

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