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EDUCATION

2012-17 Ph.D. Electrical Engineering, The Ohio State University
2010-12 M.S., Electrical Engineering, The Ohio State University
2004-08 B.S., Electrical Engineering, Anna University

Selected Recent Publications:

1. Sugavanam, N, Baskar, S; Ertin, E: "High Resolution MIMO Radar Sensing With Compressive Illuminations *IEEE Transactions on Signal Processing* 70 (2022): 1448-1463.
2. N. Sugavanam, E. Ertin, and R. Burkholder, "Compressing Bistatic SAR Target Signatures with Sparse Limited Persistence Scattering Models ," *IET Radar, Sonar & Navigation (June 2019).*
3. N. Sugavanam, E. Ertin, L, Anitori and W. vanRossum, "Recovery Guarantees for Slow Time Phase Coded Waveforms in MIMO radar," . In 5th International Workshop on Compressed Sensing Theory and its Applications to Radar, Sonar and Remote Sensing (CoSeRa), 2018.
4. N. Sugavanam, and E. Ertin. "Interrupted SAR imaging with limited persistence scattering models." In Proceedings of the IEEE Radar Conference (RadarConf), (pp. 1770-1775), 2017.
5. N. Sugavanam, and E. Ertin. "Limited persistence models for SAR automatic target recognition." In *Algorithms for Synthetic Aperture Radar Imagery XXIV*, vol. 10201, International Society for Optics and Photonics, 2017.
6. Agarwal T, Sugavanam N, Ertin E. Sparse signal models for data augmentation in deep learning ATR. In2020 IEEE Radar Conference (RadarConf20) 2020 Sep 21 (pp. 1-6). IEEE.