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Center for Advanced Communications research personnel.**

Conferences - 2017

- [1] W. Zhang, A. Hoorfar, "Sparse Multilayered Subsurface Imaging in MIMO Radar Using Total Variation Minimization," Proceedings of the 2017 IEEE International Symposium on Antennas and Propagation, San Diego, CA, July 2017.
- [2] M. Hajebi, A. Hoorfar, "A Comparative Study of EP, GAs and PSO in Subsurface Inverse Profiling of Sectorized Dielectric Elliptical-Cylindrical Objects," Proceedings of the 2017 IEEE International Symposium on Antennas and Propagation, San Diego, CA, July 2017.
- [3] X. Zhang, A. Hoorfar, "Hamiltonian-Path Based Partially Reflected Surfaces for High Gain Circularly Polarized Printed Antennas," Proceedings of the 2017 IEEE International Symposium on Antennas and Propagation, San Diego, CA, July 2017.
- [4] A.-K. Seifert, A. M. Zoubir, M. G. Amin, "Radar-based Human Gait Recognition in Cane-Assisted Walks," Proceedings of the IEEE Radar Conference, Seattle, WA, May 2017.
- [5] B. Jokanovic, M. G. Amin, and B. Erol, "Multiple Joint-Variable Domains Recognition of Human Motion," Proceedings of the IEEE Radar Conference, Seattle, WA, May 2017.
- [6] X. Wang, M. G. Amin and X. Cao. "Optimum Adaptive Beamformer Design with Controlled Quiescent Pattern by Antenna Selection," Proceedings of the IEEE Radar Conference, Seattle, WA, May 2017.
- [7] B. Erol, M. G. Amin and B. Boashash, "Range-Doppler Radar Sensor Fusion for Fall Detection," Proceedings of the IEEE Radar Conference, Seattle WA, May 2017.
- [8] D. Comite, F. Ahmad, T. Dogaru, and M.G. Amin, "Coherence Factor for Rough Surface Clutter Mitigation in Forward-Looking GPR," Proceedings of the IEEE Radar Conference, Seattle, WA, May 2017.
- [9] A. Golato, F. Ahmad, S. Santhanam, and M.G. Amin, "Defect classification in sparsity-based structural health monitoring," Proceedings of the SPIE Compressive Sensing VI Conference, Anaheim, CA, April 2017.
- [10] E. BouDaher, F. Ahmad, M.G. Amin, "Performance analysis of sparsity-based interpolation for DOA estimation with non-uniform arrays, Proceedings of the SPIE Compressive Sensing VI Conference, Anaheim, CA, April 2017.
- [11] W. Zhang, A. Hoorfar, "Sparse image reconstruction of targets in multilayered dielectric media using total variation minimization," Proceedings of the SPIE Defense and Commercial Sensing, pp. 1-7, Anaheim, CA, April 2017.
- [12] W. Wang, M. G. Amin, and X. Cao, "Optimum array configurations of maximum output SNR for quiescent beamforming," Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, New Orleans, LA, March 2017.
- [13] A.-K. Seifert, M. G. Amin, and A. Zoubir, "New analysis of radar micro-doppler gait signatures for rehabilitation and assisted living," Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, New Orleans, LA, March 2017.

- [14] B. Wang, S. Qin, Y. D. Zhang, and M. G. Amin, "Robust DOA estimation in the presence of mis-calibrated sensors," Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, New Orleans, LA, March 2017.