

1. **R. Kadlimatti** and P. V. Parimi, "Millimeter Wave Nondiffracting Circular Airy OAM Beams," in *IEEE Transactions on Antennas and Propagation*, vol. 67, no. 1, pp. 260-269, Jan. 2019.
2. P. V. Parimi, **R. Kadlimatti** and M. Kolacki, "Nondiffracting Beams with Azimuthal Orbital Angular Momentum Modulation for High Data Rate Communication Systems," *2018 IEEE Indian Conference on Antennas and Propagation (InCAP)*, Hyderabad, India, 2018, pp. 1-5.
3. **R. Kadlimatti** and A. T. Fam, "Efficient Multirate Filter Bank Generation with Full Spectral Utilization for Multicarrier Communications," *MILCOM 2018 - 2018 IEEE Military Communications Conference (MILCOM)*, Los Angeles, CA, 2018, pp. 697-702.
4. A. T. Fam and **R. Kadlimatti**, "Efficient Multirate Filter Bank Generation with Full Spectral Utilization," *2018 IEEE 5G World Forum (5GWF)*, Silicon Valley, CA, 2018, pp. 186-190.
5. **R. Kadlimatti**, "Blind Carrier Detection for Signals with Unknown Modulation," *2018 IEEE 5G World Forum (5GWF)*, Silicon Valley, CA, 2018, pp. 502-506.