

Dr. P. Maheswaran
Assistant Professor
Department of ECE, NIT Trichy

List of Publications

Journals:

1. **P. Maheswaran**, M. D. Selvaraj, "Analysis of Selection Combining Receiver Performance for Time Successive SSK-M-ary Modulation," *IEEE Wireless Communications Letters*, DoI: 10.1109/LWC.2020.2998404, May 2020.
2. **P. Maheswaran**, M. D. Selvaraj, "Cooperative Time Successive SSK-M-ary Modulation for Decode- and-Forward Relay Systems," *IEEE Transactions on Vehicular Technology*, vol. 69, no. 1, pp. 537–551, Jan. 2020.
3. **P. Maheswaran**, M. D. Selvaraj, "Dynamic SSK-BPSK System under Transmitter Correlated Non- identical Rayleigh Fading," *IEEE Systems Journal*, vol. 13, no. 2, pp. 1202-1209, Jun. 2019.
4. **P. Maheswaran**, M. D. Selvaraj, "Multi RF Chain Time Successive Space Shift Keying-M-ary Modulation: A Transmit Diversity Scheme," *IEEE Transactions on Vehicular Technology*, vol. 66, no. 8, pp. 7086-7097, Aug. 2017.
5. **P. Maheswaran**, M. D. Selvaraj, "Performance Analysis of Feedback Based Dynamic SSK-BPSK System," *IEEE Wireless Communications Letters*, vol. 5, no. 1, pp. 96-99, Feb. 2016.
6. **P. Maheswaran**, M. D. Selvaraj, "Time Successive SSK-MPSK: A System Model to Achieve Transmit Diversity," *IEEE Communications Letters*, vol. 19, no. 9, pp. 1496-1499, Sep. 2015.

Conferences:

7. **P. Maheswaran**, A. Ananth, M. D. Selvaraj, "Simplified Performance Analysis of Space Shift Keying Selection Combining with Reconfigurable Antennas," *in proc. 2020 International Conference on Signal Processing and Communications (SPCOM)* , Accepted for presentation, Jul. 2020.
8. **P. Maheswaran**, M. D. Selvaraj, "On Multi RF chain Time Successive SSK-M-ary Modulation Transmitter," *in proc. 2020 IEEE National conference on communications (NCC)*, IIT-Kharagpur.
9. A. Ananth, **P. Maheswaran**, M. D. Selvaraj, "Scaled Selection Combining for SSK in Decode and Forward Cooperative Relaying," *in proc. 2019 IEEE International Conference on Advanced Networks and Telecommunication Systems (ANTS)*, BITS Pilani, Goa.
10. A. Ananth, **P. Maheswaran**, M. D. Selvaraj, "Generalized Selection Combining for Dynamic SSK-BPSK Systems," *in proc. 2019 IEEE National conference on communications (NCC)*, IISc, Bangalore.
11. **P. Maheswaran**, M. D. Selvaraj, "Performance Analysis of Symbol Swapped Spatial Modulation," *in proc. 2017 IEEE National conference on communications (NCC)*, IIT Madras, Chennai.

12. **P. Maheswaran**, M. D. Selvaraj, "On the Transmit Diversity of Time Successive SSK-BPSK System," *in proc. 2016 IEEE National conference on communications (NCC)*, IIT Guwahati.