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Areas of Research:

UWB Antennas
Electromagnetic Computation
Optimization
Wireless Body Area Networks



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Publications:

1. Thilaga Shri Chandra A P, Senthilkumar L, Meenakshi M (2018). Material distributive topology design of UWB antenna using parallel computation of improved BPSO with FDTD. International Journal of Microwave and Wireless Technologies, pp. 1–9. DOI: <https://doi.org/10.1017/S1759078718001423>
2. Thilaga Shri Chandra A P and Meenakshi M, "Joint optimisation of ground, feed shapes with material distributive topology of patch in UWB antennas using improved binary particle swarm optimisation," IET Microwaves, Antennas & Propagation, vol. 12, no. 12, pp. 1967-1972, 2018. DOI: <https://doi.org/10.1049/iet-map.2018.5056>
3. A.P. Thilaga Shri Chandra, and M. Meenakshi, " Modified Printed Octagonal Monopole UWB antenna for WBAN Applications", IEEE Indian Antenna Week 2017, Pune, June 5-9, 2017.
4. A.P. Thilaga Shri Chandra, and M. Meenakshi, "Design consideration and time domain analysis of compact printed octagonal monopole UWB antenna for WBAN", 2017 International Conference on Communication and Signal Processing (ICCSP), Chennai, 2017, pp. 1075-1079. DOI: <https://doi.org/10.1109/ICCSP.2017.8286541>.