Pre-conference Tutorial 3

Microwave and Millimeter-Wave Components for Radar and Other Applications.

Coverage:-

It will cover a variety of topics from fundamentals of microwave and millimeter-wave component designs including antennas, detectors, mixers, and passives, subsystem design, and system implementation. Radar systems operating at higher millimeter-waves as well as other microwave and millimeter-wave instruments and systems will be dealt with.

Tutorial 3 (11th Dec 19)

Author Bio Data

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His research interests include microwave, millimeter-wave, and terahertz receiver systems and radars, and development of space instruments for the search for life beyond Earth.

He has more than 300 publications in international journals and conferences and holds more than fifteen patents. He also received more than 35 NASA technical achievement and new technology invention awards. He received the IEEE Region 6 Engineer of the Year Award in 2018, Distinguished Alumni Award from the Indian Institute of Engineering Science and Technology (IIEST), India in 2017. He was the recipient of the best journal paper award in 2013 by IEEE Transactions on Terahertz Science and Technology, best paper award for antenna design and applications at the European Antennas and Propagation conference (EuCAP) in 2017, and IETE Prof. S. N. Mitra Memorial Award in 2014.