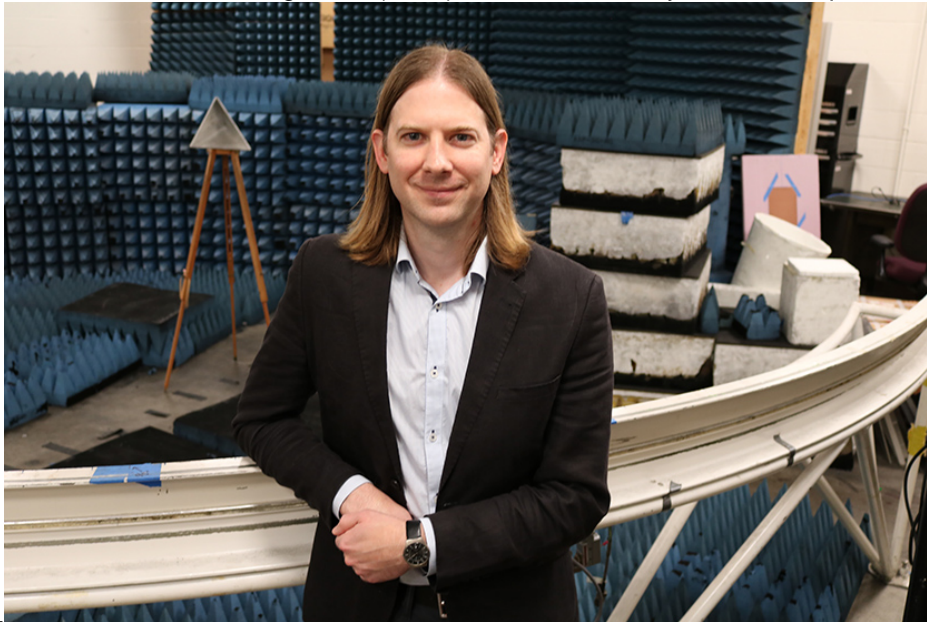


Jeffrey Nanzer honored by IEEE

Nanzer named 2019 Outstanding Young Engineer Award by IEEE Microwave Society

Jeffrey Nanzer of Michigan State University will receive the 2019 Outstanding Young Engineer Award from the Institute of Electrical and Electronics Engineers (IEEE) Microwave Theory and Techniques Society (MTT-S) this summer in



Boston.

Nanzer is the Dennis P. Nyquist Assistant Professor of Electrical and Computer Engineering. He is being recognized for “Outstanding Early Career Contributions in Distributed Phased Arrays and mm-Wave Photonic Wireless Systems.”

The Outstanding Young Engineer Award recognizes a young MTT-S member who has distinguished themselves through technical and/or exemplary service achievements. The award will be presented at the 2019 IEEE International Microwave Symposium in June.

Nanzer joined MSU’s Department of Electrical and Computer Engineering in 2016. His research focus is on distributed arrays, radar and remote sensing, antennas, electromagnetics, and microwave photonics.

In 2018, he received a National Science Foundation CAREER Award to develop dynamic antenna arrays for radar and remote sensing. Other recognitions include a DARPA Young Faculty Award in 2017.

Founded in 1884, [IEEE](#) is the world’s largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity.

[Jeffrey Nanzer](#)

Nanzer has been an active member of IEEE, including the IEEE Antennas and Propagation Standards Committee, the AP-S Education Committee, and the USNC/URSI Commission B. He was a founding member and the first treasurer of the IEEE AP-S/MTT-S Central Texas Chapter. He is currently an associate editor of the IEEE Transactions on Antennas and Propagation.

He has authored or co-authored more than 80 refereed journal and conference papers, authored *Microwave and Millimeter-Wave Remote Sensing for Security Applications* (Artech House, 2012), and co-authored the chapter “Photonics-Enabled Millimeter-Wave Wireless Systems” in *Wireless Transceiver Circuits* (Taylor & Francis, 2015).

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From 2016 to 2018, he was the chair of the Microwave Systems Technical Committee (MTT-16), IEEE Microwave Theory and Techniques Society. He served as the vice chair of the IEEE Antenna Standards Committee from 2013-2015.

He was with Johns Hopkins University Applied Physics Laboratory (JHU/APL) in Maryland from 2009-2016, where he created and led the Advanced Microwave and Millimeter-Wave Technology Section. He received Special Achievement Awards from JHU/APL in 2016 and 2014, and the JHU/APL Professional Book Award in 2012.

From 2008 to 2009, he was a postdoctoral fellow with Applied Research Laboratories at the University of Texas at Austin, where he was involved in designing electrically small HF antennas and communication systems.

Nanzer received a bachelor's degree (2003) in electrical engineering and in computer engineering from Michigan State University and master's (2005) and PhD (2008) degrees in electrical engineering from the University of Texas at Austin.

Related Website: [Communications contact: Patricia Mroczek](#)

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