

IEEE MTT-S Outstanding Young Engineer Award

Recognizes an outstanding young MTT-S member who has distinguished him/herself through achievement(s), which may be technical (within the MTT-S Field of Interest), may be exemplary service to the MTT-S, or may be a combination of both.



Steven Callender

For Outstanding Early Career Achievements in mmWave and subTHz SoC Development in Deeply-Scaled CMOS Technology

Steven Callender received the B.S. degree in Electrical Engineering from Columbia University, New York, NY, in 2008, and the M.S and Ph.D. degrees in Electrical Engineering from UC Berkeley, Berkeley, CA, in 2010 and 2015, respectively. In 2015, he joined Intel Labs as a Research Scientist focusing on the development of next generation wireless systems. Dr.Callender is the co-recipient of the ISSCC 2019 Lewis Winner Award for Outstanding Paper and ISSCC 2010 Jack Kilby Outstanding Student Paper Award and is an active member of the Technical Program Committee for RFIC Symposium. He has (co-)authored over 20 peer-reviewed papers.

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Kaushik Dasgupta

For Outstanding Early Career Achievements in Reconfigurable RF and mmWave CMOS ICs and Power Amplifiers

Kaushik Dasgupta received the BTech. and MTech. degrees in Electronics & Electrical Communication Engineering from IIT Kharagpur, Kharagpur, India, in 2008, and the M.S. and Ph.D. degrees in Electrical Engineering from the California Institute of Technology, Pasadena, CA, USA, in 2010 and 2014, respectively. He was a Senior Research Scientist with the PHY Research Laboratory, Intel Corporation, Hillsboro, OR, USA from 2014 to 2019. Since 2019 he has been with Amazon's Project Kuiper where he currently leads the RFIC design team in Redmond, WA developing high-performance mm-Wave integrated transceivers and front-ends for Low-earth orbit (LEO) SATCOM. Dr. Dasgupta was a recipient of the Jagadish Bose National Science Talent Scholarship in 2003, the Caltech Atwood Fellowship in 2008, the Analog Devices Outstanding Student Designer Award in 2009, the IEEE RFIC Best Student Paper Award in 2012, the IEEE MTT-S Microwave Prize in 2015, and the Intel Labs Gordon E. Moore Award in 2018.

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Dr. Markus Gardill

*For Outstanding Early Career Achievements as an Ambassador
of Microwave Systems and Applications*

Dr. Markus Gardill is a professor and head of the Chair of Electronic Systems and Sensors at the Brandenburg University of Technology Cottbus–Senftenberg, Germany. Before, he was a Professor for Satellite Communication Systems at the Julius-Maximilian University of Würzburg, Germany, and for several years had affiliations in the industry with Robert Bosch GmbH as well as InnoSenT GmbH.

His main research interests include radar and communication systems, antenna (array) design, and signal processing algorithms. He primarily combines signal processing and microwave/electromagnetics domains to bridge the gap between electronics engineering, information technology, and computer science.

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Chung-Tse Michael Wu

*For Outstanding Early Career achievements in Microwave
Metamaterials-Based Antennas, Circuits, and Radar Sensing
Systems*

Chung-Tse Michael Wu, an Associate Professor in the Department of Electrical and Computer Engineering at Rutgers University, specializes in applied electromagnetics, antennas, microwave components, and metamaterials. He earned his B.S. from National Taiwan University in 2006 and both his M.S. and Ph.D. from UCLA in 2009 and 2014. His career includes roles at Bell Labs, JAXA, and Wayne State University. Presently, he is an Associate Editor for IEEE Microwave and Wireless Technology Letters and holds leadership positions in various IEEE committees. Michael's accolades include the NSF CAREER Award (2016), DARPA Young Faculty Award (2019), and DARPA Director's Fellowship (2021).