

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.

Jan Budroweit

For Outstanding Early Career Achievements in Reconfigurable Space Radio Systems and Exemplary Contributions to Space Initiatives within the Society

Jan Budroweit (M'16, SM'22) is a communication systems engineer and team leader for radiation effects in space systems at the German Aerospace Center (DLR). He received his PhD (Dr.-Ing.) in electrical engineering from the Technical University of Hamburg, focusing on radiation-tolerant communication systems. His research centers on multiband communication platforms for spacecraft and the prediction, characterization, and mitigation of radiation effects in RF devices and radio systems. He actively contributes to the IEEE MTT-S and NPSS, serves on the MTT-S TC-29 Aerospace Systems Committee, the Speakers Bureau, and the IEEE Future Directions Initiative on Low Earth Orbit Satellites.



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Aline Eid

For Outstanding Early Career Achievements in mmWave Long-range Powering, and Retrodirective Architectures and Radars for Backscatter Communications, Sensing, and Localization

Aline Eid is an Assistant Professor of Electrical and Computer Engineering at the University of Michigan, Ann Arbor. She earned her Ph.D. in Electrical and Computer Engineering from Georgia Tech in 2022 and her Master's from the American University of Beirut, followed by a Postdoctoral appointment at the MIT Media Lab. She is part of the Radiation Laboratory and leads the Beam Dynamics Group, which advances research in ultra-low-power wireless sensing, radar, backscatter and 5G communications, and wireless power transfer for smart cities and infrastructure applications. She is a recipient of the 2025 DARPA Young Faculty Award.



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Hiroshi Hamada

For Outstanding Early Career Achievements in Sub-THz InP-based Circuits and Systems for High-speed Wireless Communications

Hiroshi Hamada received the B.E. and M.E. degrees in Electrical Engineering from Tokyo Institute of Technology, Tokyo, Japan, in 2009 and 2011. He joined NTT in 2011 and has worked on InP-based THz MMICs, like TRXs and building blocks in the 300/500 GHz bands. Currently, he is a Senior Manager with Research and Development Planning Department at NTT. He has been serving as a member of MTT-S TC-9 and an ITPC member of the ISSCC. He is a recipient of the Best Industry Paper Award in IMS2016, MTT-S Japan Young Engineer Award, and the Best Paper Award in BCICTS2024.



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Eduardo A. Rojas

For Outstanding Early Career Achievement in Advanced Manufacturing of RF Packaging and Wireless Components, and Extensive Service and Leadership for the MTT-S Community

Eduardo Rojas-Nastrucci is the Chair for the Department of Electrical Engineering and Computer Science at Embry-Riddle Aeronautical University (ERAU), Daytona Beach. He joined the university in 2017, where he also serves as a Professor of Electrical and Computer Engineering. Rojas is the founder and co-director of ERAU's Wireless Devices and Electromagnetics Laboratory (WIDE Lab www.wide-lab.com). He received a CAREER Award from the National Science Foundation in 2019; a 2022 Jet Propulsion Laboratory Faculty Fellowship; the 2020 Most Promising Engineer Award, Ph.D and Education category, from the Great Minds in Stem (GMIS) organization; ERAU's 2021 Abas Sivjee Outstanding Research Award; ERAU's 2024 and 2025 Innovation Awards; the IEEE MTT-S 2026 Outstanding Young Engineer Award and is a Senior Member of the National Academy of Inventors. Rojas has published over 70 peer-reviewed papers and holds 9 U.S. patents. Rojas is a member of the IEEE MTT-S Technical Committees 4, 26, and 29; and was the general conference chair for the 2022 IEEE Wireless and Microwave Technology Conference (WAMICON), the 12th Annual IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2024), and the 14th IEEE International Conference on RFID Technology and Applications (RFID-TA 2024). He earned his M.S. and Ph.D. degrees from the University of South Florida in Electrical Engineering. His research interests are microwave/millimeter-wave circuits and antenna applications using advanced manufacturing, wireless sensing for harsh environments, radio-frequency hardware security, and packaging for free-space optical communications devices.

