

SHORT BIO

Yang Yang was born in Bayan Nur, Inner Mongolia, China and received a Ph.D. degree in Electronic Engineering from the Department of Electrical and Computer Systems Engineering, Monash University, Clayton, Australia, in 2013. In December 2016, Dr. Yang joined the University of Technology Sydney (UTS), Australia. He joined The University of Sydney in March 2026 as a Full Professor in RF Electronic Engineering. His research interests include additively manufactured electronics, millimetre-wave and sub-terahertz technologies in 5G and beyond and biomedical applications. He has over 300 international publications in microwave, millimetre-wave and terahertz circuits and antennas.

Dr. Yang is an Australian Research Council Mid-Career Industry Fellow (2025–2029). His awards include the 2025 Advanced Materials Innovation Award (IAAM), the 2024 IEEE MTT-S IMS Early Career Award Competition (First Place, as ECR advisor), the 2023 IEEE NSW Section Outstanding Service Award, and IEEE AP-S and MTT-S Outstanding Chapter Awards (2023, 2022). He serves as Associate Editor for IEEE Transactions on Microwave Theory and Techniques (since 2022) and IEEE Microwave and Wireless Technology Letters (2024) and has held editorial roles with Proceedings of the IEEE, IEEE Access, and other journals. He is the inaugural Chair of IEEE MTT-S TC-17 and contributes to multiple IEEE technical committees. Within IEEE NSW and Region 10, he has held leadership roles, including Chapter Chair/Vice Chair (2020–2024) and Treasurer. He has also served as General Co-Chair or Chair for major conferences, including the 2025 Australian Microwave Symposium, AMES 2025, and IMWS-AMP 2026, and is Secretary of the 2026 IEEE MTT-S Administrative Committee.