

Microwave Application Award

Recognizes an individual or team of no more than five individuals for an outstanding application of microwave theory and techniques, which has been reduced to practice nominally 10 years before the award.

Lei Zhu

For the Development of Multiple-Mode Resonators and Their Application in Wide-Band Filters, Matching Circuits and Antennas



Lei Zhu received the B.Eng. and M.Eng. Degrees from Nanjing Institute of Technology (now Southeast University), China, in 1985 and 1988, and the Ph.D. Eng. Degree from University of Electro-Communications, Japan, in 1993. Prof. Zhu was a Research Engineer with Matsushita-Kotobuki Electronics Industries Ltd. in Japan, a Research Fellow with École Polytechnique de Montréal in Canada, and an Associate Professor with Nanyang Technological University in Singapore. He joined University of Macau in 2013 and is currently working as a Chair Professor. His research interests include microwave circuits, antennas, and computational electromagnetics. He was the Associate Editors for the IEEE T-MTT (2010-2013) and IEEE MWCL (2006-2012). He was the recipient of 1997 Asia-Pacific Microwave Prize Award, 2020 and 2022 Macao Natural Science Awards (Second Prize), and 2024 IEEE MTT-S Microwave Application Award. He was elevated to the IEEE Fellow in November, 2011.