



**Biography:** Prof. Pai-Yen Chen is a Professor and University Scholar in the Department of Electrical and Computer Engineering at the University of Illinois Chicago (UIC). He received the Ph.D. degree from the University of Texas at Austin in 2013, and M.S. and B.S. degrees from National Chiao Tung University, Taiwan, in 2006 and 2004, respectively. He was a Research Scientist at Intellectual Ventures Laboratory (2013-2014) and an Assistant Researcher in the Taiwan Semiconductor Research Institute (2006-2009).

He has been involved in multidisciplinary research on electromagnetics, RF/microwave antennas and circuits, wireless sensors and systems, metamaterials, nanophotonics, and nanoelectronics. He has received several prestigious awards, including Fulbright U.S. Scholar, IEEE Sensors Council Technical Achievement Award (advanced career), IEEE Sensors Council Young Professional Award, IEEE AP-S Raj Mittra Travel Grant, SPIE Rising Researcher Award, NSF CAREER Award, ACES Early Career Award, Young Scientist Award from Electromagnetics Academy and International Union of Radio Science (URSI), IOP Emerging Leader in Measurement Science and Technology, UIC Researcher of the Year Rising Star, and Donald Harrington Fellowship. He currently serves as Track Editor for IEEE Transactions on Antennas and Propagation, Senior Editor for IEEE Journal of Selected Areas in Sensors, Topical Editor for IEEE Sensors Journal, and Associate Editor for Optics Express. He was a former Associate Editor of IEEE Transactions on Antennas and Propagation, IEEE Antennas and Wireless Propagation Letters, IEEE Journal of Radio Frequency Identification, and IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology. He currently serves as the Distinguished Lecturer for IEEE Antennas and Propagation Society (2026-2028) and IEEE Sensors Council (2024-2026). He is a Fellow of IEEE and Optica/OSA.

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