



**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 an Assistant Researcher at Taiwan Semiconductor Research Institute (2006-2009) and a Research Scientist at the Intellectual Ventures' Metamaterial Commercialization Center (2013-2014). He has been involved in multidisciplinary research on applied electromagnetics, RF/microwave antennas and circuits, wireless sensors and systems, metamaterials, nanophotonics, and nanoelectronics. He has received several prestigious awards, including 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 and Advanced Photonics Nexus. He was a former Associate Editor of 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 is a General Chair for 2027 IEEE International Microwave Biomedical Conference. He is a Distinguished Lecturer for IEEE Antennas and Propagation Society (2026-2028) and IEEE Sensors Council (2024-2026). He is a Fulbright U.S. Scholar in Spain (2026-2027), and a Fellow of IEEE and Optica.

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