John Booske received his Ph.D. in nuclear engineering from the University of Michigan, Ann Arbor, MI, USA, in 1985. From 1985 to 1989, he was a Research Scientist with the University of Maryland, College Park, MD. In 1990, he joined the Department of Electrical and Computer Engineering faculty at the University of Wisconsin-Madison (UW), which he Chaired from 2009-2018. He transitioned to emeritus in 2023 and holds titles of both UW-Madison Vilas Distinguished Achievement and Keith and Jane Nosbusch Professors Emeritus. His research interests include experimental and theoretical study of coherent electromagnetic radiation, its sources and its applications, spanning the RF, microwave, millimeter-wave, THz regimes and soft x-ray regimes. His recent research activities include vacuum electronics, high-power microwave sources and antennas, advanced vacuum cathodes, multipactor discharge science, electromagnetic metamaterials, x-ray communications, and biological applications of electric and electromagnetic fields. He is a Fellow of the IEEE (2007), the American Physical Society (2011), the Institute of Physics (2022), and the American Association for the Advancement of Science (2023). He received many teaching awards, including the UW Chancellor's Distinguished Teaching Award, the UW Teaching and Learning Innovation Award, the IEEE Educational Activities Board Major Educational Innovation Award (2014) and the ECE Department Heads Association (ECEDHA) Innovative Program Award (2019). He is a recipient of the IEEE Transactions on Plasma Science Best Paper Award (2023), IEEE Plasma Science and Applications Prize (2018) and the IEEE John R. Pierce Award for Excellence in Vacuum Electronics (2020).