

Biography Arthur D. Yaghjian

Arthur D. Yaghjian received the B.S., M.S., and Ph.D. degrees in electrical engineering from Brown University, Providence, RI in 1964, 1966, and 1969. After teaching for a year, he joined the research staff of the National Institute of Standards and Technology (NIST), Boulder, CO. He transferred in 1983 to the Air Force Research Laboratory (AFRL), Hanscom AFB, MA, where he was employed as a research scientist until 1996. He presently works as an independent consultant in electromagnetics. His work has led to the fundamental determination of electric and magnetic fields in material media, as well as to the development of exact, numerical, and high-frequency methods for predicting and measuring the near and far fields of antennas and scatterers in both the time and frequency domains. In addition, he has contributed significantly to the development and understanding of electrically small antennas and metamaterials, and to the determination of the classical equations of motion of accelerated charged particles. He is a Fellow of the IEEE and has received best paper awards from the IEEE, NIST, and AFRL.