

John Volakis

Professor & Chope Chair, Department of Electrical & Computer Engineering | College of Engineering at The Ohio State University

Columbus, OH, US

Electrical engineering expert, focusing on computational electromagnetics

Biography

Professor John L. Volakis is the Roy and Lois Chope Chair Professor of Engineering at the Department of Electrical and Computer Engineering (2003-Present) and the former Director of the ElectroScience Laboratory (2003-2016) at the Ohio State University. He received his B.E. from Youngstown State University, Youngstown, OH in 1978 and the M.Sc. and Ph.D. degrees from the Ohio State University in 1979 and 1982 respectively. Prof. Volakis has more than 30 years of experience in sensors and sensing, novel metamaterial antennas, RF materials for high performance hardware, UWB beamforming arrays and RF systems integration.

Industry Expertise

Research, Electrical Engineering, Mechanical/Industrial Engineering, Writing and Editing, Education/Learning

Areas of Expertise

Wireless Communication and Propagation, Antennas and Arrays, RF Materials and Packaging, RF Matching and Tunable Circuits, RFIDs, Medical Sensing, Millimeter Waves & TeraHertz, Computational Electromagnetics, Electromagnetic Compatibility and Interference, Scattering and Diffraction

Affiliations

ElectroScience Laboratory

Education

Ohio State University

Ph.D. Electrical Engineering

Ohio State University

M. Sci

Youngstown State

B.E. Engineering

Accomplishments

Chair USNC/URSI Commission B

Awarded by the United States National Committee for the International Union of Radio Science Membership

IEEE Antennas and Propagation Society Distinguished Award

Awarded by the Institute of Electrical and Electronics Engineers

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