

# **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

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## **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.

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## **Industry Expertise**

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

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## **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

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## **Affiliations**

ElectroScience Laboratory

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## **Education**

**Ohio State University**  
Ph.D. Electrical Engineering

**Ohio State University**  
M. Sci

**Youngstown State**  
B.E. Engineering

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## **Accomplishments**

**Chair USNC/URSI Comission 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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