IEEE ELECTROMAGNETICS AWARD
RECIPIENTS

2025 – GEORGE V. ELEFTHERIADES
Velma M. Rogers Graham Chair in Engineering, Department of Electrical and Computer Engineering, University of Toronto, Toronto, Ontario, Canada
“For contributions to engineered surfaces and metasurfaces with application to antennas, cloaking, and sub-diffraction imaging.”

2024 – KAMAL SARABANDI
Fawwaz T. Ulaby Distinguished University Professor of Electrical Engineering and Computer Science, University of Michigan, Ann Arbor, Michigan, USA
“For contributions to electromagnetic sensing technology and metamaterials for antenna miniaturization.”

2023 – JOHN WILLIAM BANDLER
Professor Emeritus, Department of Electrical & Computer Engineering, McMaster University, Ontario, Canada
“For contributions to electromagnetic optimization and the modeling of high-frequency structures, circuits, and devices.”

2022 – ARTHUR D. YAGHJIAN
Electromagnetics Research Consultant, S4-Inc., Bedford, Massachusetts, USA
“For contributions to fundamental electromagnetic theory and its applications to near-field antenna measurements.”

2021 – CONSTANTINE A. BALANIS
Regents' Professor of Electrical Engineering, School of Electrical, Computer and Energy Engineering, Arizona State University, Tempe, Arizona, USA
“For contributions to electromagnetics through excellence in book authorship, teaching, and antenna research.”

2020 – TAPAN KUMAR SARKAR
Professor, Syracuse University, Dewitt, New York, USA
“For contributions to the efficient and accurate solution of computational electromagnetic problems in frequency and time domain, and for research in adaptive antennas.”

2019 – RICHARD W. ZIOLKOWSKI
Distinguished Professor, University of Technology Sydney, Ultimo, Australia
“For contributions to electromagnetic metamaterial-inspired physics and engineering, and localized wave phenomena.”

2018 – TATSUO ITOH
Distinguished Professor and Northrop Grumman Chair in Electrical Engineering, University of...
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California, Los Angeles, California, USA

2017 – WENG CHO CHEW
Professor, University of Illinois, Urbana-Champaign (UIUC), Urbana, Illinois, USA
“For contributions to electromagnetic solutions of complex multiphysics problems and inverse scattering methods.”

2016 – GIORGIO FRANCESCOCHETTI
Professor Emeritus, University Federico II, Napoli, Italy
“For leadership in the academic world, teaching, research, and scientific activities in advanced electromagnetics.”

2015 – DONALD WILTON
Professor Emeritus, University of Houston, Houston, Texas, USA
“For fundamental contributions to integral equation methods in computational electromagnetics.”

2014 – ALLEN TAFLOVE
Professor of Electrical Engineering and Computer Science, Northwestern University, Evanston, Illinois, USA
“For contributions to the development and application of finite-difference time-domain (FDTD) solutions of Maxwell’s equations across the electromagnetic spectrum.”

2013 – LEUNG TSANG
Professor of Electrical Engineering, University of Washington, Seattle, WA, USA
“For contributions to statistical electromagnetic theory and applications in remote sensing of complex geophysical environments.”

2012 – NADER ENGHETA
H. Nedwill Ramsey Professor of Electrical and Systems Engineering and Professor of Bioengineering, University of Pennsylvania, Philadelphia, PA, USA
“For contributions to electromagnetic theory and applications of metamaterials and nanoscale optics.”

2011 – YAHYA RAHMAT-SAMII
Distinguished Professor of Electrical Engineering, University of California, and Northrop Grumman Chair Professor in Electromagnetics, Los Angeles, CA, USA
“For fundamental contributions to reflector antennas, near-field measurements and diagnostics, antenna and human interactions, and optimization algorithms in electromagnetics.”

2010 – THOMAS B. A. SENIOR
Emeritus Professor, EECS Dept. Univ of Michigan Ann Arbor, MI, USA
“For significant contributions to the advancement of electromagnetic diffraction and scattering theories.”

2009 – KENNETH K. MEI
“For contributions to computational electromagnetics and Maxwellian circuits.”
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RECIPIENTS

Professor and Chair of Applied Electromagnetics, City University of Hong Kong, Kowloon, Hong Kong

2008 – WERNER WIESBECK,
Director of Institute fur Hochstfrequenztechnik und Elektronik (IHE) Universitat Karlsruhe (TH), Karlsruhe Institute of Technology (KIT), Keltern, Germany

“For innovative electromagnetic applications in communication systems, remote sensing, and EM compatibility.”

2007 – CARL EDWARD BAUM
Department of ECE, University of New Mexico, Albuquerque, NM, USA

“For contributions to fundamental principles and techniques in electromagnetics.”

2006 – RAJ MITTRA
Professor of EE, Penn State Univ University Park, PA, USA

“For contributions to research and education in computational electromagnetics.”

2005 – CLAYTON R. PAUL
Sam Nunn Eminent Professor, Aerospace Engineering and Professor of Electrical and Computer Engineering Mercer University School of Engineering Macon, GA, USA

“For excellence in the advancement of electromagnetic theory towards solving crosstalk problems in transmission lines and cable assemblies.”

2004 – JIN AU KONG
Professor, Dept of Elec Engrg Massachusetts Inst of Technology Cambridge, MA, USA

“For contributions to fundamental electromagnetic theory and its advanced applications, especially to remote sensing and geophysical probing.”

2003 – LEOPOLD B. FELSEN
Professor, Boston University Boston, MA, USA

"For innovative contributions to asymptotic and phase space methods for high frequency and short pulse electromagnetics in complex environments and interdisciplinary fields."

2002 – ROBERT C. HANSEN
RC Hansen, Inc. Tarzana, CA, USA

"For contributions to phased array antennas, and to superconducting, superdirective, and electrically small antennas."

2001 – FAWWAZ T. ULABY
University of Michigan Ann Arbor, MI, USA

“For contributions to microwave remote sensing and technology, its geoscientific applications, and related education.”
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2000 – ROGER F. HARRINGTON
University of Arizona
Tucson, AZ, USA
“For pioneering the application of the Method of Moments to computational electromagnetics, and contributions to electromagnetics education.”

1999 – ROBERT E. COLLIN
Case Western University
Cleveland, OH, USA
“For significant contributions to electromagnetics as a multi-disciplinary engineering profession.”