IEEE ELECTROMAGNETICS AWARD
RECIPIENTS

2018- TATSUO ITOH
Distinguished Professor and
Northrop Grumman Chair in
Electrical Engineering, University of
California, Los Angeles, California,
USA
“For contributions to electromagnetic
modelling, artificial materials, microwave
electronics, and antennas.”

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 FRANCESCHETTI
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  
Professor and Chair of Applied Electromagnetics, City University of Hong Kong, Kowloon, Hong Kong  
“For contributions to computational electromagnetics and Maxwellian circuits.”

2008 – WERNER WIESBECK,  
Director of Institute für Hochfrequenztechnik und Elektronik (IHE) Universität 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."
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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.”

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.”