

IEEE ELECTROMAGNETICS AWARD
RECIPIENTS

- 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
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.”

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

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Engineering
Mercer University School of
Engineering
Macon, GA, USA

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| 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." |
| 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." |