

**IEEE ELECTROMAGNETICS AWARD**  
**RECIPIENTS**

- 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  
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.”

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| 2016 – GIORGIO FRANCESCHETTI<br>Professor Emeritus, University<br>Federico II, Napoli, Italy   | “For leadership in the academic world,<br>teaching, research, and scientific activities<br>in advanced electromagnetics.”  |
| 2015 – DONALD WILTON<br>Professor Emeritus, University of<br>Houston, Houston, Texas, USA  | “For fundamental contributions to integral<br>equation methods in computational<br>electromagnetics.”  |
| 2014 – ALLEN TAFLOVE<br>Professor of Electrical Engineering<br>and Computer Science,<br>Northwestern University,<br>Evanston, Illinois, USA  | “For contributions to the development and<br>application of finite-difference time-domain<br>(FDTD) solutions of Maxwell’s equations<br>across the electromagnetic spectrum.”                |
| 2013 – LEUNG TSANG<br>Professor of Electrical Engineering,<br>University of Washington, Seattle,<br>WA, USA  | “For contributions to statistical<br>electromagnetic theory and applications in<br>remote sensing of complex geophysical<br>environments.”   |
| 2012 – NADER ENGHETA<br>H. Nedwill Ramsey Professor of<br>Electrical and Systems Engineering<br>and Professor of Bioengineering,<br>University of Pennsylvania,<br>Philadelphia, PA, USA             | “For contributions to electromagnetic<br>theory and applications of metamaterials<br>and nanoscale optics.”  |
| 2011 – YAHYA RAHMAT-SAMII<br>Distinguished Professor of Electrical<br>Engineering, University of<br>California, and Northrop Grumman<br>Chair Professor in Electromagnetics,<br>Los Angeles, CA, USA | “For fundamental contributions to reflector<br>antennas, near-field measurements and<br>diagnostics, antenna and human<br>interactions, and optimization algorithms in<br>electromagnetics.” |
| 2010 – THOMAS B. A. SENIOR<br>Emeritus Professor, EECS Dept.<br>Univ of Michigan<br>Ann Arbor, MI, USA   | “For significant contributions to the<br>advancement of electromagnetic diffraction<br>and scattering theories.”   |
| 2009 – KENNETH K. MEI<br>Professor and Chair of Applied<br>Electromagnetics, City University of<br>Hong Kong, Kowloon, Hong Kong   | “For contributions to computational<br>electromagnetics and Maxwellian circuits.”  |
| 2008 – WERNER WIESBECK,<br>Director of Institute für<br>Hochfrequenztechnik und<br>Elektronik (IHE) Universität<br>Karlsruhe (TH), Karlsruhe Institute   | “For innovative electromagnetic<br>applications in communication systems,<br>remote sensing, and EM compatibility.”  |

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of Technology (KIT), Keltern,  
Germany

- 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."
- 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."