IEEE KIYO TOMIYASU AWARD
RECIPIENTS

2020 - ANDREA ALÙ
Einstein Professor, Founding Director, CUNY Advanced Science Research Center, New York, New York, USA
“For contributions to novel electromagnetic materials and their application.”

2019 - ROBERT W. HEATH, JR.
Cullen Trust Endowed Professor #6, The University of Texas at Austin, Austin, Texas, USA
"For contributions to wireless communication systems."

AND

JEFFREY ANDREWS
Cullen Trust for Higher Education Endowed Professor of Engineering, University of Texas at Austin, Texas, USA

2018 - NICHOLAS LANEMAN
Professor, University of Notre Dame, Notre Dame, Indiana, USA
“For contributions to wireless network communication theory, algorithms, and architectures.”

2017 - EMILIO FRAZZOLI
Professor, Massachusetts Institute of Technology, Cambridge Massachusetts, USA
“For contributions to planning, control, and fleet operation algorithms for autonomous vehicles.”

2016 – YONINA ELDAR
Professor, Technion-Israel Institute of Technology, Haifa, Israel
“For development of the theory and implementation of sub-Nyquist sampling with applications to radar, communications, and ultrasound.”

2015 - KAUSTAV BANERJEE
Professor, University of California, Santa Barbara, Santa Barbara, California, USA
AND
VIVEK SUBRAMANIAN
Professor, University of California, Berkeley, Berkeley, California, USA
“For contributions to nano-materials, devices, circuits, and CAD, enabling low-power and low-cost electronics.”

2014 - GEORGE CHRISIKOS
Principal Engineer, Qualcomm Inc., San Diego, CA, USA
“For contributions to heterogeneous network architectures with ubiquitous wireless access.”

2013 - CARLOS ARTEMIO COELLO COELLO
“For pioneering contributions to single-
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RECIPIENTS

Professor (Investigador Cinvestav 3F), CINVESTAV-IPN, Col. San Pedro Zacatenco, Mexico and multiobjective optimization techniques using bioinspired metaheuristics."

2012 - MUNG CHIANG
Associate Professor of Electrical Engineering, Princeton University, Princeton, NJ, USA

“For demonstrating the practicability of a new theoretical foundation for the analysis and design of communication networks.”

2011 - MOE Z. WIN
Associate Professor, Massachusetts Institute of Technology, Cambridge, MA, USA

“For fundamental contributions to highspeed reliable communications using optical and wireless channels”

2010 – TSU-JAE KING LIU
Professor, Dept of Elec Engrg & Computer Science
University of California
Berkeley, CA, USA

“For contributions to nanoscale MOS transistors, memory devices, and MEMs devices.”

2009 – SHIH-FU CHANG
Professor and Chairman
Dept of Electrical Engineering
Digital Video and Multimedia Lab
Columbia University
New York, NY, USA

“For contributions to Automated Image Classification.”

2008 - GEORGE V. ELEFTHERIADES
Professor and Canada Research Chair, University of Toronto
Toronto, Canada

“For pioneering contributions to the science and the technological applications of negative-refraction electromagnetic materials.”

2007 – ALBERTO MOREIRA
Microwaves & Radar Research
Institute German Aerospace Center, Oberpfaffenhofen, Germany

“For development of synthetic aperture radar concepts.”

2006 - MUHAMMAD A. ALAM
Professor, Electrical and Computer Engineering
Purdue University
West Lafayette, IN, USA

“For contributions to device technology for communication systems.”

2005 – CHAI K. TOH
Director of Research, Comm Systems

“For pioneering contributions in communication protocols for ad hoc
**IEEE KIYO TOMIYASU AWARD RECIPIENTS**

Northrup Grumman Mission Systems  
Carson, CA, USA  
mobile wireless networks.”

2004 – DAVID B. FOGEL  
Chief Executive Officer  
Natural Selection, Inc.  
La Jolla, CA, USA  
“For outstanding contributions to the science and technology of computational intelligence and to the development and expansion of that field.”

2003 - KESHAB K. PARHI  
Distinguished McKnight Univ. Professor, University of Minnesota  
Minneapolis, MN, USA  
"For pioneering contributions to high-speed and low-power digital signal processing architectures for broadband communications systems."

2002 - CASIMER DECUSATIS  
Senior Engineer, IBM Corporation  
Poughkeepsie, NY, USA  
'For contributions to optical technologies and fiber optic communications, holding the promise of innovative applications for computer networks.'