IEEE KIYO TOMIYASU AWARD
RECIPIENTS

2021 - ZHU HAN
John and Rebecca Moores Professor, Dept. of Electrical & Computer Engineering, University of Houston, Texas, USA
“For contributions to game theory and distributed management of autonomous communication networks.”

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
IEEE KIYO TOMIYASU AWARD
RECIPIENTS

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
Professor (Investigador Cinvestav
3F), CINVESTAV-IPN, Col. San Pedro
Zacatenco, Mexico
“For pioneering contributions to single-
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
Northrup Grumman Mission Systems
Carson, CA, USA
“For pioneering contributions in communication protocols for ad hoc 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 - CASIMIER 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.'