2022 – PIETER ABBEEL  
Professor, University of California  
Berkeley, Berkeley, California, USA  
“For contributions to deep learning for robotics.”

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 - 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.'