

IEEE KIYO TOMIYASU AWARD
RECIPIENTS

- 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 ELДАР
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
- 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
- "For demonstrating the practicability of a new theoretical foundation for the

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| Engineering, Princeton University,
Princeton, NJ, USA | 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. | "For outstanding contributions to the
science and technology of computational
intelligence and to the development and |

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La Jolla, CA, USA

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.'