2025 – ANIMASHREE (AMINA) ANANDKUMAR  
Bren Professor and Senior Director of AI Research, California Institute of Technology, Pasadena, California, USA  
“For contributions to AI, including tensor methods and neural operators with applications to scientific domains.”

2024 – DAVIDE SCARAMUZZA  
Professor and Director of the Robotics and Perception Group, University of Zurich, Zurich, Switzerland  
“For contributions to agile visual navigation of micro drones and low-latency robust perception with event cameras.”

2023 – TIM BÖSCKE  
Director, ams OSRAM, Regensburg, Germany  
“For contributions to the discovery of ferroelectricity in hafnium-based oxides.”

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
<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Institution</th>
<th>Contributions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>Nicholas Laneman</td>
<td>University of Notre Dame, Notre Dame, Indiana, USA</td>
<td>“For contributions to wireless network communication theory, algorithms, and architectures.”</td>
</tr>
<tr>
<td>2017</td>
<td>Emilio Frazzoli</td>
<td>Massachusetts Institute of Technology, Cambridge, Massachusetts, USA</td>
<td>“For contributions to planning, control, and fleet operation algorithms for autonomous vehicles.”</td>
</tr>
<tr>
<td>2016</td>
<td>Yonina Eldar</td>
<td>Technion-Israel Institute of Technology, Haifa, Israel</td>
<td>“For development of the theory and implementation of sub-Nyquist sampling with applications to radar, communications, and ultrasound.”</td>
</tr>
<tr>
<td>2015</td>
<td>Kaustav Banerjee</td>
<td>University of California, Santa Barbara, Santa Barbara, California, USA</td>
<td>“For contributions to nano-materials, devices, circuits, and CAD, enabling low-power and low-cost electronics.”</td>
</tr>
<tr>
<td></td>
<td>Vivek Subramanian</td>
<td>University of California, Berkeley, California, USA</td>
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<tr>
<td>2014</td>
<td>George Chrisikos</td>
<td>Qualcomm Inc., San Diego, CA, USA</td>
<td>“For contributions to heterogeneous network architectures with ubiquitous wireless access.”</td>
</tr>
<tr>
<td>2013</td>
<td>Carlos Artemio Coello Coello</td>
<td>Cinvestav-IPN, Col. San Pedro Zacatenco, Mexico</td>
<td>“For pioneering contributions to single- and multiobjective optimization techniques using bioinspired metaheuristics.”</td>
</tr>
<tr>
<td>2012</td>
<td>Mung Chiang</td>
<td>Princeton University, Princeton, NJ, USA</td>
<td>“For demonstrating the practicability of a new theoretical foundation for the analysis and design of communication networks.”</td>
</tr>
<tr>
<td>2011</td>
<td>Moë Z. Win</td>
<td>Massachusetts Institute of Technology, Cambridge, MA, USA</td>
<td>“For fundamental contributions to highspeed reliable communications using optical and wireless channels.”</td>
</tr>
<tr>
<td>2010</td>
<td>Tsu-Jae King Liu</td>
<td>Dept of Elec Engrg &amp; Computer Science, University of California, Berkeley, CA, USA</td>
<td>“For contributions to nanoscale MOS transistors, memory devices, and MEMs devices.”</td>
</tr>
</tbody>
</table>
IEEE KIYO TOMIYASU AWARD
RECIPIENTS

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.'