2025 – DAVID RICHARDSON  
Partner Researcher, Microsoft Azure Cloud Network Engineering, Microsoft, Southampton, England, United Kingdom  
“For contributions to fiber lasers, fiber telecommunications, and hollow-core optical fibers.”

2024 – KIM ROBERTS  
Vice President of Wavelogic Science, Ciena Corporation, Ottawa, Ontario, Canada  
“For leadership in the introduction and development of digital coherent signal processing for optical fiber transmission systems.”

2023 – ROEL BAETS  
Professor, Department of Information Technology, Ghent University - IMEC, Gent, Belgium  
“For pioneering research in integrated photonics, including silicon, silicon-nitride, III-V devices, and their heterogeneous integration.”

2022 – RODNEY S. TUCKER  
Laureate Emeritus Professor, The University of Melbourne, Victoria, Australia  
“For contributions to photonic device modelling and bridging the gap between device and system-level performance, including energy consumption.”

2021 – JACK JEWELL  
Self-employed, Consultant, Boulder, Colorado, USA  
“For seminal and sustained contributions to the development and commercialization of vertical-cavity surface-emitting lasers (VCSEL).”

2020 – CHRISTOPHER R. DOERR  
AVP Advanced Development, Acacia Communication Holmdel, New Jersey, USA  
“For sustained pioneering research, development, and commercialization of photonic integrated circuits and devices for telecommunications.”

2019 – MICHAL LIPSON  
Eugene Higgins Professor Electrical Engineering, Columbia University, New York, New York, USA  
“For pioneering contributions to silicon photonics.”

2018 – URSULA KELLER  
Professor, Physics Department, Institute for Quantum Electronics, Zurich, Switzerland  
“For seminal contributions to ultrafast laser technology enabling important industrial applications and novel scientific breakthroughs.”

2017 – JOHN BOWERS  
Kavli Professor of Nanotechnology, University of Santa Barbara, California, USA  
“For pioneering research in silicon photonics, including hybrid silicon lasers, photonic integrated circuits, and ultra-low-loss waveguides.”
<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient Name</th>
<th>Affiliation</th>
<th>Award Description</th>
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<tbody>
<tr>
<td>2016</td>
<td>MARK E. THOMPSON</td>
<td>Professor, Department of Chemistry, University of Southern California, Los Angeles, CA, USA</td>
<td>“For scientific and technical leadership in the conception, demonstration, and development of phosphorescent materials in organic light-emitting diode (OLED) displays.”</td>
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<td>2015</td>
<td>PHILIP ST. JOHN RUSSELL</td>
<td>Professor, Max Planck Institute for the Science of Light, Erlangen, Germany</td>
<td>&quot;For pioneering contributions to the conception and realization of photonic crystal fibers.&quot;</td>
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<td>2014</td>
<td>JAMES G. FUJIMOTO</td>
<td>Elihu Thomson Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA</td>
<td>“For pioneering the development and commercialization of optical coherence tomography for medical diagnostics.”</td>
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<td>2013</td>
<td>PETER F. MOULTON</td>
<td>Vice-President, CTO, Q-Peak, Inc., Bedford, MA, USA</td>
<td>“For the discovery of the Ti:Sapphire laser and the development of many novel solid-state laser systems and applications.”</td>
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<tr>
<td>2012</td>
<td>ELI YABLONOVITCH</td>
<td>Professor, Electrical Engineering &amp; Computer Sciences Department, University of California Berkeley, Berkeley, CA, USA</td>
<td>“For pioneering contributions to photonic crystals, the photonic bandgap and photonic bandgap engineering.”</td>
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<tr>
<td>2011</td>
<td>AMNION YARIV</td>
<td>Martin and Eileen Summerfield Professor of Applied Physics and Electrical Engineering California Institute of Technology Pasadena, CA, USA</td>
<td>“For fundamental contributions to photonics science, engineering and education that have broadly impacted quantum electronics and lightwave communications.”</td>
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<td>2010</td>
<td>IVAN P. KAMINOW</td>
<td>Adjunct Professor, Univ of California, Berkeley Berkeley, CA, USA</td>
<td>“For seminal contributions to electro-optic modulation, integrated optics, and semiconductor lasers, and leadership in optical telecommunications.”</td>
</tr>
<tr>
<td>2009</td>
<td>ROBERT L. BYER</td>
<td>Professor, Dept of Applied Physics, Stanford University, Stanford, CA, USA</td>
<td>“For seminal contributions to nonlinear optics and solid-state lasers for commercial applications from precision measurement to manufacturing.”</td>
</tr>
<tr>
<td>2008</td>
<td>JOSEPH C. CAMPBELL</td>
<td>Department of Electrical and Computer Engineering, University of</td>
<td>“For seminal and sustained contributions to the development of high-speed, low-noise long wavelength avalanche photodiodes”</td>
</tr>
</tbody>
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Virginia, VA, USA

2007 – DAVID NEIL PAYNE
Professor, Southampton
Optoelectronics Research Center,
Highfiled, Southampton, UK

“For pioneering contributions to the development and commercialization of optical fiber-based technologies for communications, sensors, and high power applications.”

2006 – FREDERICK J. LEONBERGER
Retired, Senior Vice President and Chief Technology Officer, JDS Uniphase Corporation,
Bloomfield, CT, USA

“For technical leadership, commercialization and practical deployment of photonic component technologies for optical communications.”

2005 – ROD C. ALFERNESS
Optical Networking Research Senior VP Bell Laboratories/Lucent Technologies
Holmdel, NJ, USA

"For seminal contributions to enabling photonics technologies and for visionary leadership in their application to networks and systems".

2004 – TINGYE LI
Retired/Division Manager Communications Infrastructure Communications
Boulder, CO, USA

“For leadership, vision and pioneering contributions in the fields of optical fiber communications and laser science.”