### IEEE ROBERT N. NOYCE MEDAL RECIPIENTS

<table>
<thead>
<tr>
<th>Year</th>
<th>Name and Title</th>
<th>Institution and Location</th>
<th>Citation</th>
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<tbody>
<tr>
<td>2022</td>
<td>JASON (JINGSHENG) CONG (FIEEE)—Volgenau Chair for Engineering Excellence, Computer Science Department, University of California, Los Angeles, Los Angeles, California, USA</td>
<td>“For fundamental contributions to electronic design automation and FPGA design methods.”</td>
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<tr>
<td>2021</td>
<td>LISA SU (FIEEE)—President and CEO, Advanced Micro Devices, Santa Clara, California, USA</td>
<td>“For leadership in ground-breaking semiconductor products and successful business strategies that contributed to the strength of the microelectronics industry.”</td>
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<td>2020</td>
<td>SUSUMU KOHYAMA President and CEO, K Associates, Inc., Tokyo, Japan</td>
<td>“For global executive leadership in CMOS technology development, and for standardization of design methodology and its impact on the semiconductor industry.”</td>
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<tr>
<td>2019</td>
<td>ANTUN DOMIC Chief Technical Officer, Synopsys, Mountain View, California, USA</td>
<td>“For leadership in the research and development of advanced microelectronic design automation tools.”</td>
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<td>2018</td>
<td>TSUGIO MAKIMOTO President, Technovision, Tokyo, Japan</td>
<td>“For technical and managerial leadership in CMOS memory and microprocessors.”</td>
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<td>2017</td>
<td>HENRY I. SMITH Professor Emeritus, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA</td>
<td>“For contributions to lithography and nanopatterning through experimental advances in short-wavelength exposure systems and attenuated phase-shift masks.”</td>
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<td>2016</td>
<td>TAKUO SUGANO Professor Emeritus, University of Tokyo, Tokyo, Japan</td>
<td>“For contributions to and leadership in the research and development of the science and technology of semiconductor devices.”</td>
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<td>2015</td>
<td>MARTIN VAN DEN BRINK President &amp; CTO, ASML, The Netherlands</td>
<td>“For technical and managerial leadership driving the continuation of optical lithography as the enabling technology for the semiconductor industry.”</td>
<td></td>
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<td>2014</td>
<td>JOHN E. KELLY III Senior Vice President and Director of Research, IBM Corporation, Yorktown Heights, New York, USA</td>
<td>“For global executive leadership in semiconductor technology R&amp;D.”</td>
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<tr>
<td>2013</td>
<td>SUNLIN CHOU Senior Vice President and General Manager (Retired), Technology and Manufacturing Group, Intel Corp.,</td>
<td>“For establishing a highly effective research-development manufacturing methodology that led to industry leadership in logic technology for advanced...”</td>
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Santa Clara, CA, USA
microprocessor products.”

AND
YOUSSEF A EL-MANSY
Vice President, Director of Logic Technology Development (Retired), Intel Corp., Hillsboro, OR, USA

2012
YOON-WOO LEE
Vice Chairman, Samsung Electronics Co. Ltd., Seoul, Korea
“For pioneering the development of the memory chip and LCD industries in Korea.”

2011
PASQUALE PISTORIO
Honorary Chairman, STMicroelectronics, Geneva, Switzerland
“For contributions to, and leadership in, the technology, business and environmental development of the global semiconductor and electronics industry.”

2010
JAMES C. MORGAN
Chairman Emeritus, Applied Materials, Inc., Santa Clara, CA, USA
“For vision and leadership that transformed Applied Materials into an innovation leader and global partner for advancing microelectronics manufacturing technology.”

2009
ELIYAHOU HARARI
Co-Chairman and Chief Executive Officer, SanDisk Corporation Milpitas, CA, USA
“For leadership in development and commercialization of flash electrically erasable programmable read-only memory (Flash EEPROM) based Data Storage Products.”

2008
PAUL R. GRAY
Professor, Provost University of California, Berkeley, CA, USA
“For pioneering the development of analog integrated circuits.”

2007
AART J. De GEUS
Chairman and Chief Executive Officer, Synopsys, Inc., Mountain View, CA, USA
“For contributions to, and leadership in, the technology and business development of the Electronic Design Automation.”

2006
SHOICHIRO YOSHIDA
Chairman of the Board and CEO, Nikon Corporation, Tokyo, Japan
“For contributions to, and leadership in, the technology and business development of IC lithography.”

2005
WILFRED J. CORRIGAN
Chairman and Chief Executive Officer, LSI Logic Corporation, Milpitas, CA, USA
“For pioneering the modern day gate-array, standard-cell ASIC, system-on-chip and platform ASIC markets and for leadership in semiconductor business, technology, and industry cooperation.”
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2004  CRAIG R. BARRETT  
President and CEO  
Intel Corporation, Chandler, AZ, USA  
"For contributions to semiconductor manufacturing technology, and leadership in business and in industry initiatives."

2003  DONALD R. SCIFRES  
Co-Chairman & Chief Strategy Officer  
JDS Uniphase  
San Jose, CA, USA  
"For pioneering contributions to the technology and business development of semiconductor lasers."

2002  YOSHIO NISHI  
Texas Instruments, Inc.  
Dallas, TX, USA  
"For strategic leadership in global semiconductor research and development."

2001  HAJIME SASAKI  
Executive Director  
KEIDANREN, Japan  
"For contributions to, and leadership in, the technology and business development of semiconductor devices and the harmonization of the global semiconductor industry."

2000  MORRIS CHANG  
Taiwan Semiconductor Manufacturing  
Taiwan  
"For his vision and leadership in pioneering the silicon integrated circuit foundry industry."