

**IEEE ROBERT N. NOYCE MEDAL
RECIPIENTS**

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

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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." |