2019  YASUHIKO ARAKAWA
Professor, University of Tokyo,
Institute of Industrial Science,
Tokyo, Japan

AND

PALLAB BHATTACHARYA
Professor, University of Michigan
and Charles M. Vest
Distinguished University
Professor and James R. Mellor
Professor of Engineering, Ann
Arbor, Michigan, USA

AND

DIETER BIMBERG
Professor, Technical University,
Berlin, Germany

“For contributions to the development and commercialization of quantum dot lasers.”

2018  JOE C. CAMPBELL
Professor, University of Virginia,
Department of Electrical and
Computer Engineering,
Charlottesville, Virginia, USA

“For contributions to the development of high-speed, low-noise, long-wavelength avalanche photodiodes.”

2017  CHING W. TANG
Professor, Hong Kong University
of Science and Technology,
Kowloon, Hong Kong;
Professor, University of
Rochester, Rochester, NY, USA

AND

STEPHEN R. FORREST
Professor, University of Michigan,
Ann Arbor, Michigan, USA

AND

MARK THOMPSON
Professor, University of Southern
California, Los Angeles,
California, USA

“For their pioneering work on organic devices, leading to organic light-emitting diode displays.”
2016  MASAYOSHI ESASHI  
Professor, Tohoku University, Sendai, Miyagi, Japan  
“For pioneering contributions to micro-electro-mechanical systems (MEMS), and their uses in automobiles, cellular phones, industrial equipment, and medical devices.”

2015  DIMITRI ANTONIADIS  
Professor, Department of Electrical Engineering and Computer Science, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA  
“For contributions to metal oxide semiconductor field-effect transistor physics, technology, and modeling.”

2014  FRANZ LAERMER  
Vice President, Robert Bosch Corporate Research and Advanced Development, Stuttgart, Germany  
AND ANDREA URBAN  
Senior Expert, Robert Bosch GmbH, Reutlingen, Germany  
“For inventing and developing the Bosch deep reactive ion etching process that has impacted the micro-electro-mechanical systems (MEMS) field.”

2013  BURN J. LIN  
Vice President of Research and Development and Distinguished Fellow, TSMC, Ltd., Hsinchu, Taiwan  
“For contributions to lithographic manufacturing, including immersion lithography.”

2012  MARK T. BOHR  
Intel Senior Fellow and Director of Process Architecture and Integration, Intel Corp., Hillsboro, OR, USA  
AND ROBERT S. CHAU  
Intel Senior Fellow and Director of Transistor Research and Nanotechnology, Intel Corp., Hillsboro, OR, USA  
AND TAHIR GHANI  
Intel Fellow and Director of Transistor Research and Integration, Intel Corp., Hillsboro, OR, USA  
“For sustained leadership in developing innovative transistor technologies for advanced logic products.”
IEEE JUN-ICHI NISHIZAWA MEDAL
RECIPIENTS

2011  BERNARD LECHNER
Princeton, NJ, USA
“"For pioneering contributions to thin-film-
transistor (TFT) liquid-crystal displays.”"

AND  PETER BRODY
Chief Executive Office,
Advantech; Pittsburgh, PA, USA

AND  FANG-CHEN LUO
Chief Technology Officer, Vice
President, AU Optronics Corp.;
Hsinchu, Taiwan

2010  RICHARD M. SWANSON
President and Chief Technical
Officer, SunPower Corporation,
San Jose, CA, USA
“"For the conception and commercialization
of high-efficiency point-contact crystalline-
silicon solar cell technology.”"

2009  CHENMING HU
TSMC Distinguished Professor
Univ of California,
Berkeley, CA, USA
"For technical contributions to MOS device
reliability, scaling of CMOS and compact
device modeling."

2008  WOLFGANG HELFRICH
Professor, Institut fur
TheTheoretische Physik, Freie
University, Berlin, Germany
"For pioneering development of twisted-
nematic liquid crystal technology."

AND  MARTIN SCHADT
MS High-Tech Consulting,
Managing Director, Seltisberg,
Switzerland;

AND  JAMES FERGASON
Fergason Patent Properties LLC,
Founder and Member, Menlo
Park, CA, USA

2007  NICOLAAS FRANS De ROOIJ
Prof. and Director Inst. of
Microtech., University of
Neuchatel, Neuchatel Switzerland
""For pioneering contributions to
microsystem technology and effective
transfer into industrial products and
applications.""

2006  MITSUMASA KOYANGI
Prof., Dept of Bioengineering and
Robotics, Tohoku University,
Sendai, Japan
""For pioneering contributions to dynamic
random access memory (DRAM) cell
structures and architecture.”"

AND  KIYOO ITOH

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IEEE JUN-ICHI NISHIZAWA MEDAL
RECIPIENTS

Fellow, Hitachi, Ltd., Tokyo, Japan

AND

HIDEO SUNAMI
Prof., Research Center for Nanodevices and Systems, Hiroshima University, Hiroshima, Japan

2005 JERRY M. WOODALL
C. Baldwin Sawyer Professor of Electrical Engineering, Yale University, New Haven, CT, USA
"For pioneering contributions to the liquid-phase epitaxy in the GaAs/AIGaAs systems, including applications to photonic and electronic devices."

2004 FREDERICK H. DILL
Distinguished Engineer Hitachi Global Storage Technologies
San Jose, CA, USA
"For lifetime contributions to microelectronics processing, including lithographic stimulation, semiconductor lasers and magnetic recording."