IEEE HONORARY MEMBERSHIP
RECIPIENTS

2020 – BORYS PATON
President, Academician of the National Academy of Science of Ukraine, (NASU), Director of Institute of E.O. Paton Electric Welding of NASU, Kyiv, Ukraine

“For lifetime achievements within IEEE technical fields of interest in the development of processes of electrometallurgy, materials science, electric welding of metals, and biological tissues.”

2019 – TELLE WHITNEY
President and CEO Emeritus, Anita Borg Foundation, Palo Alto, California, USA

“For leadership in supporting and promoting women in technology, and for building a highly impactful global organization dedicated to this purpose.”

2018 – MIHAL (MIKE) LAZARIDIS
Quantum Valley Investments, Waterlook, Ontario, Canada

“For revolutionary contributions to wireless communication and visionary leadership in fostering the advancement of fundamental physics toward future innovation.”

AND

ANTON ZEILINGER
President, Austrian Academy of Sciences, Vienna, Austria

“For pioneering conceptual and experimental contributions to the development of quantum communications and encryption.”

2017 – JAMES DYSON
CEO, Dyson Company, Wiltshire, United Kingdom

“For achievements in industrial design, entrepreneurship, and manufacturing technology, and for services to the engineering profession.”

2016 – SERGE HAROCHE
Professor, Collège de France, Paris, France

“For the development of cavity quantum electrodynamics, leading to fundamental quantum physics studies and to a wide range of applications.”

AND

RODOLFO STEFANO ZICH
President, Torino Wireless Foundation, Torino, Italy

“For leadership in the global integration of electrical and electronics engineering education and research.”

2015 – ELON MUSK
CEO, Chairman, Co-Founder, Tesla Motors, Palo Alto, California, USA

“For leadership in and innovative contributions to space-exploration technology, combatting global warming and promoting science education, pediatric health, and clean energy.”

2014 — SHIRLEY M. TILGHMAN

“For leadership in bridging quantitative
President Emerita and Professor of Molecular Biology, Princeton University, Princeton, New Jersey, USA

biology and engineering and for advancing higher education.”

2013 — NOT AWARDED

2012 — YOSHIO UTSUMI
President, Japan Telecommunications Engineering and Consulting Service (JTEC) and Advisor, Toyota InfoTechnology Center Co., Ltd., Tokyo, Japan

“For leadership in policy and initiatives leading to the growth of information and communication technologies.”

2011 — AVUL PAKIR JAINULABDEEN ABDUL KALAM - Former (2002-07) President of the Republic of India, New Delhi, India

AND

WANG JIANZHOU - Chairman, China Mobile Limited, Beijing, China

“For outstanding contributions toward transforming society through technology and for inspiring millions of school children to harness science and technology for human welfare and national development.”

AND

2010 — N. R. NARAYANA MURTHY
Chairman and Chief Mentor, Infosys Technologies, Ltd., Bangalore, India

“For founding and leading the extraordinary growth of Infosys Ltd., notable for its ethical stance, and for supporting empowerment of members of disadvantaged rural communities.”

2009 — GERALD POSAKONY
Scientist, Pacific Northwest National Laboratory, Richland, WA, USA

“For pioneering contributions in ultrasonic techniques for medical diagnosis and nondestructive evaluation.”

2008 — JONG YONG YUN
Vice Chairman and CEO, Samsung Electronics, Co., Ltd., Seoul, Korea

"For exceptional achievements in pioneering technology-driven innovation within the electronics industry, advancing engineering education, and encouraging a multidisciplinary engineering community."

2007 — IAN C. MCRAE
Eskom (RETIRED) Germiston, South Africa

“For contributions to electrification and development of the electrical grid in Southern Africa.”

AND

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TSUTAE SHINODA
Fellow, Fujitsu Laboratories Ltd., Akashi, Japan
“For outstanding innovative and pioneering contributions to commercializing large area color plasma displays.”

2006 — VLADIMIR ROKHLIN
Professor of Computer Science and Mathematics, Yale University, New Haven, CT, USA
“For the development of the Fast Multipole Method.”

2005 — DEAN KAMEN
President, DEKA R&D Corporation, Chairman Segway LLC, Founder FIRST, Manchester, NH, USA
“For innovating numerous medical devices, thereby improving the quality of life for many, and for inspiring youth to heightened interest in engineering through imaginative competitions.”

2004 — NOT AWARDED

2003 — JORMA OLLILA
Chairman & CEO
Nokia Corporation
Finland
AND
TADASHI SASAKI
President & CEO
Internat’l Center for Materials Research
Japan
“For contributions to launching mobile communications, a major global industry that has fundamentally changed the way people communicate.” AND “For leadership of the commercialization of Liquid Crystal Displays and development of the pocket calculator.”

2002 — JAMES C. MORGAN
Applied Materials, Inc.
Santa Clara, CA, USA
“For his contributions of 25 years to the semiconductor industry and vision in building Applied Materials into a technology pioneer enabling the global information infrastructure.”

2001 — CHARLES M. GESCHKE
Co-Chairman, Adobe Systems
San Jose, CA, USA
“For many years of inspiring visionary leadership in the software industry related to digital publishing for the World Wide Web, print and dynamic media.”

2000 — NORIO OHGA
Sony Corporation
Tokyo, Japan
“For visionary leadership in the development of the MiniDisc.”

1999 — NOT AWARDED

1998 — SHEILA E. WIDNALL
Secretary
“For outstanding leadership to United States Air Force science and technology”
IEEE HONORARY MEMBERSHIP
RECIPIENTS

United States Air Force
Washington, DC, USA

1998 — PAVAGUDA VENKATA INDIRESAN
President, Indian National Academy
of Engineering
New Delhi, India
"For contributions to the growth of
electrical engineering in India through his
leadership in education, applied research
and professional engineering institutions"

1997 — PEKKA J. TARJANNE
Secretary-General
International Telecommunication
Union
Geneva, Switzerland
"For outstanding leadership and
contributions to the implementation of new
working methods and structures for the
International Telecommunications Union."

1996 — HIROYUKI MIZUNO
Matsushita Electric Industrial
Company
Osaka, JAPAN
"For technical leadership in semiconductor
research, manufacturing and its application
in consumer electronics and for promoting
international technical cooperation."

1996 — LEON M. LEDERMAN
Director Emeritus
Fermilab
Batavia, IL, USA
"For his leadership in research and science
education and his advocacy of the
importance of science education to the
intellectual and economic health of society."

1995 — LARS H. RAMQVIST
LM Ericsson
Stockholm, Sweden
"For distinguished and far-sighted
leadership of the Ericsson Group in a
period of rapid technology change and
market development."

1994 — RALPH E. GOMORY
(retired - IBM, NY)
Alfred P. Sloan Foundation
New York, NY, USA
"For his outstanding leadership of the
research activities of IBM, and the
resulting technological benefits to IBM and
the computer and semiconductor
industries."

1994 — MICHEL A. G. CARPENTIER
Information Market and
Exploitation Research
Commission of European
Communities
Brussels, Belgium
"For leadership in pioneering the R&D and
policy initiatives at the European
Community level in the areas of
environment and information and
communication technologies."

1993 — ROBERT W. GALVIN
Motorola, Inc.
Schaumburg, IL, USA
"For distinguished leadership of Motorola,
Inc., and for his many beneficial
contributions to quality processes,
competitiveness, and public policy."

1992 — MARK KRIVOCHEEV
"For technical contributions to television
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State Radio Res. Inst.
Moscow, Russian Federation

and leadership in developing international standardization."

1991 — AKIO MORITA
SONY Corp.
Tokyo, Japan

"For his distinguished leadership of Sony Corporation and the integration of emerging technologies into consumer electronics products."

1990 — NOT AWARDED

1989 — NOT AWARDED

1988 — LUIS W. ALVAREZ
University of California
Berkeley, CA, USA

"For the invention and development of the first successful aircraft landing system using ground control radar and the first proton linear accelerator; for numerous discoveries in the field of particle and resonance physics; and for pioneering work on the extraterrestrial impact theory."

1987 — GENE H. GOLUB
Stanford University
Stanford, CA, USA

"For improvements in signal processing, modeling, control, and other areas through numerical methods for least-squares estimation and matrix singular value decomposition."

1987 — ARNO A. PENZIAS
AT&T Bell Labs.
Murray Hill, NJ, USA

"For leadership in the research activities of AT&T Bell Laboratories, and for outstanding contributions to radio communications and radio astronomy."

1986 — ARTHUR E. BRYSON, JR.
Stanford University
Stanford, CA, USA

"For contributions to education and for research in the theory and implementation of optimal control techniques."

1985 — HIDEO YAMASHITA
University of Tokyo
Tokyo, Japan

"For contributions to research in computers, for fostering international cooperation in the science and technology of information processing, and for leadership in electrical engineering education."

1984 — M. G. K. MENON
Government of India
New Delhi, India

"For contributions to the planning and growth of science and technology, particularly electronics, and its application to development; promotion of international scientific cooperation; and experimental research in particle physics and cosmic
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1983 - CECIL H. GREEN
Texas Instruments
Dallas, TX, USA
"For creative philanthropy fostering collaboration of educational institutions and industry in the advancement of electrical sciences."

1982 — WOLFGANG K. H. PANOFSKY
Stanford Linear Accel. Ctr.
Stanford, CA, USA
"For extensive pioneering contributions to the development of linear particle accelerators, advancement of high power microwave technology, and high energy particle physics."

1982 — DONALD E. KNUTH
Stanford University
Stanford, CA, USA
"For his contributions to the field of computer science, through research and education."

1982 — BRIAN D. JOSEPHSON
Univ. of Cambridge
Cambridge, England
"For his prediction (discovery) of pair tunneling between superconductors which constitutes the basis of a Josephson junction technology for high speed and low power computing elements and memories."

1981 — WALTER H. BRATTAIN
Bell Laboratories
Murray Hill, NJ, USA
"For significant contributions to fundamental semiconductor physics leading to the invention of the TRANSISTOR."

1981 — JOHN BARDEEN
University of Illinois
Urbana, IL, USA
"For significant contributions to solid state physics leading to the invention of the TRANSISTOR and to the theoretical understanding of superconductivity."

1981 — EDWIN H. LAND
Polaroid Corporation
Cambridge, MA, USA
"For his pioneering work in science and technology of photography and light."