

IEEE HONORARY MEMBERSHIP
RECIPIENTS

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|---|--|
| 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 | "For leadership in the global integration of electrical and electronics engineering education and research." |
| RODOLFO STEFANO ZICH
President, Torino Wireless
Foundation, Torino, Italy | |
| 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
President Emerita and Professor of
Molecular Biology, Princeton
University, Princeton, New Jersey,
USA | "For leadership in bridging quantitative 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 | "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 | AND |
| WANG JIANZHOU - Chairman, China
Mobile Limited, Beijing, China | "For greatly enhancing the quality of life of large populations in rural areas through visionary leadership in the deployment of affordable mobile telecommunications." |

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| 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 | AND |
| 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 | "For contributions to launching mobile
communications, a major global industry
that has fundamentally changed the way
people communicate." |
| AND | AND |
| TADASHI SASAKI
President & CEO | "For leadership of the commercialization of
Liquid Crystal Displays and development of |

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Internat'l Center for Materials Research Japan	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 United States Air Force Washington, DC, USA	"For outstanding leadership to United States Air Force science and technology"
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 Telecommnucation 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	"For distinguished and far-sighted

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| LM Ericsson
Stockholm, Sweden | 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
State Radio Res. Inst.
Moscow, Russian Federation | "For technical contributions to television 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." |

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- 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 rays."
- 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
"For significant contributions to fundamental semiconductor physics"

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Murray Hill, NJ, USA

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."