IEEE HONORARY MEMBERSHIP
RECIPIENTS

2023 - DONNA STRICKLAND (non-member)—Professor, University of Waterloo, Physics Department, Waterloo, Ontario, Canada

“For contributions to the demonstration of chirped pulse amplification, a method to increase output power in ultrashort pulse solid-state lasers.”

2022 - CALYAMPUDI RADHAKRISHNA (C.R.) RAO (non-member)—Professor Emeritus, The Pennsylvania State University, State College, Pennsylvania, USA and Research Professor, University at Buffalo, Buffalo, New York, USA

“For contributions to fundamental statistical theories and their applications to engineering and science, particularly in signal processing and communications.”

2021 - EDWARD C. STONE (nonmember)—David Morrisroe Professor of Physics; Vice Provost for Special Projects, Physics, Mathematics, and Astronomy Departments, California Institute of Technology, Pasadena, California, USA

“For decades of exceptional scientific and engineering achievements that have profoundly impacted the world’s progress in space exploration.”

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

AND

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

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

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

2017 - JAMES DYSON
CEO, Dyson Company, Wiltshire,

“For achievements in industrial design, entrepreneurship, and
IEEE HONORARY MEMBERSHIP RECIPIENTS

United Kingdom

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

AND

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

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

“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
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

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

“For greatly enhancing the quality of life of large populations in rural areas through visionary leadership in the deployment of affordable mobile manufacturing technology, and for services to the engineering profession.”
IEEE HONORARY MEMBERSHIP RECIPIENTS

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

AND

TSUTAE SHINODA
Fellow, Fujitsu Laboratories Ltd., Akashi, Japan

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

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

“For contributions to launching mobile communications, a major telecommunications.”
IEEE HONORARY MEMBERSHIP RECIPIENTS

Nokia Corporation  
Finland  
AND  
TADASHI SASAKI  
President & CEO  
Internat’l Center for Materials Research  
Japan  

2002 — JAMES C. MORGAN  
Applied Materials, Inc.  
Santa Clara, CA, USA  

"For leadership of the 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."

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."

AND  

"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 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  

"For technical leadership in semiconductor research,
Osaka, JAPAN

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
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."

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."
IEEE HONORARY MEMBERSHIP
RECIPIENTS

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.”