

**IEEE HARADEN PRATT AWARD**  
**RECIPIENTS**

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| 2020 – MARY ELLEN RANDALL<br>Founder/CEO of Ascot<br>Technologies, Inc., Cary,<br>North Carolina, USA   | “For advocacy of member engagement through projects, social networking, awards, service to humanity, inclusion, and outreach in support of IEEE goals.”   |
| 2019 – DAVID GREEN<br>Instructional Associate<br>Professor and<br>Undergraduate Program<br>Director, Department of<br>Electrical and Computer<br>Engineering, University of<br>Alabama at Birmingham,<br>Alabama, USA | “For outstanding leadership, exceptional dedicated service, and tireless energy in support of the mission and goals of IEEE.”                             |
| 2018 – LORETTA J. ARELLANO<br>Retired Senior Manager,<br>Raytheon Technical<br>Services Company, Sun<br>Valley, California, USA   | “For furthering IEEE’s objectives, promoting cooperation among IEEE organizational units, and exemplary innovation in developing IEEE volunteer leaders.” |
| 2017 - JOHN T. BARR<br>R&D Manager/Director,<br>Agilent<br>Technologies/Hewlett<br>Packard, Santa Rosa,<br>California USA   | “For sustained leadership and service across IEEE and Society levels.”  |
| 2016 – MOSHE KAM<br>Dean of the Newark<br>College of Engineering,<br>New Jersey Institute of<br>Technology, Newark,<br>New Jersey, USA  | “For original and high-impact contributions to IEEE's Educational Activities, expanding IEEE's global reach and effectiveness.”                           |
| 2015 - FUMIO HARASHIMA<br>President, Tokyo<br>Metropolitan University,<br>Tokyo, Japan  | “For outstanding leadership in globalization and diversity of IEEE communities.”  |
| 2014—V. PRASAD KODALI<br>Retired, Adviser,<br>Government of India,<br>Department of Electronics,<br>New Delhi, India  | “For sustained contributions to IEEE, its Boards and Committees, and for pioneering the development of Region 10.”  |
| 2013—BARRY L. SHOOP<br>Professor and Deputy   | “For vision and leadership in improving IEEE operations and governance, and for building a stronger foundation  |

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| Head, US Military Academy, West Point, NY, USA   | for IEEE's strategic future."  |
| 2012—HUGH RUDNICK<br>Professor, Electrical Engineer, Pontificia Universidad Catolica de Chile, Santiago, Chile                         | "For leadership in making IEEE a truly global organization."   |
| 2011—LEVENT ONURAL<br>Professor, Bilkent University, Ankara, Turkey  | "For leadership in the worldwide promotion of the values embraced by IEEE."  |
| 2010—RAYMOND DAVID FINDLAY<br>Emeritus Professor, McMaster University, Hamilton, Ontario, Canada                                       | "For sustained leadership at IEEE and regional levels in effecting positive change for IEEE and its members."  |
| 2009—JAMES H. BEALL<br>Engineering Consultant, New Port Richey, FL , USA   | "For a lifetime of continued leadership and service to the IEEE at all levels."  |
| 2008—MAURICE PAPO<br>Independent Senior Consultant<br>Nice, France   | "For furthering IEEE transnational activities and for conceiving and implementing major operational improvements leading to more effective and efficient IEEE volunteer activities."                   |
| 2007—LUIS T. GANDIA<br>President and General Manager of L. Gandia & Associates, Inc., San Juan, PR                                     | "For outstanding leadership in promoting technical activities at the regional level and the transnational character of the IEEE at the Board level."   |
| 2006—ANTONIO C. BASTOS<br>Assistant for Planning and Academic Management, Faculadade de Tecnologia e Ciencias, Salvador, Bahia, Brazil | "For leadership and distinguished service in sustaining and extending IEEE's global recognition."  |
| 2005—DANIEL R. BENIGNI<br>Computer Scientist, Office of the Chief Information Officer  | "For sustained leadership on Institute major boards and committees, including transforming and transitioning Regional Activities, IEEE-USA, and Standard Activities into their current organizations." |

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National Institute of  
Standards and  
Technology  
Gaithersburg, MD, USA

- 2004—JERRY R. YEARGAN  
Distinguished Professor  
and TI Chair of Mixed  
Signal and Linear  
Microelectronics  
University of Arkansas  
Fayetteville, AR, USA  
"For outstanding contributions to the Engineering Accreditation Activities of the IEEE."
- 2003—CHARLES W. TURNER  
Siemens Professor of  
Elec. Eng.  
King's College  
London, England  
"For his outstanding leadership in extending the transnational activities of the IEEE into Eastern & Central Europe."
- 2002—ROBERT T. H. ALDEN  
Retired Professor  
Hamilton, Ontario, Canada  
"For outstanding and sustained leadership in many areas of the IEEE especially in the use of electronic communication."
- 2001—ARTHUR P. STERN  
Magnavox Advanced  
Products and Sys.  
Los Angeles, CA, USA  
"For decades of contributions to IRE and AIEE, advancing solid-state technology, and providing outstanding leadership in the early years of IEEE."
- 2000—CHARLES A. ELTON  
Hewlett Packard  
Company  
Santa Clara, CA, USA  
"For innovative leadership of the Institute, particularly in the area of strategic planning, and through the promotion of a stronger industry interaction."
- 1999—VIJAY K. BHARGAVA  
University of Victoria  
Victoria, BC, Canada  
"For meritorious service to the Institute, particularly in regional and section activities, and for his efforts to improve relationships with technical and professional organizations worldwide."
- 1998—FREDERICK T. ANDREWS  
Consultant  
Colts Neck, NJ, USA  
"For sustained contributions and commitment to the Institute, particularly for leadership in strategic planning and electronic product development"
- 1997—ROBERT A. RIVERS  
Aircom, Inc.  
Union, NH, USA  
"For leadership and service in the professional and technical activities of the Institute."
- 1996—WALTER E. PROEBSTER  
Technische Universitat  
"For outstanding leadership and service to the Institute, especially for fostering a variety of activities and

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Munchen Institut fur Informatik Munchen, Germany	membership growth in Region 8."
1995—HENRY L. BACHMAN Hazeltine Corporation Greenlawn, NY, USA	"For outstanding leadership in service to the Institute, especially for contributions to the development of the strategic plan entitled IEEE Strategies for the Future."
1994—RONALD G. HOELZEMAN University of Pittsburgh Pittsburgh, PA, USA	"For continued and outstanding leadership, and contributions to many facets of the Institute operations."
1993—HAROLD S. GOLDBERG Gordon Institute Wakefield, MA, USA	"For leadership in Society technical, regional and professional programs, and for his unifying contributions to the Institute's overall programs."
1992—RICHARD J. BACKE UNISYS Corporation Lanham, MD, USA	"For dedication to the professional needs of the employed engineer, and to the broader technical and educational goals of the IEEE."
1991—THELMA ESTRIN University of California Los Angeles, CA, USA	"For IEEE leadership, strengthening the Institute's technical and professional programs, and her exemplary role in promoting the recognition of woman in engineering."
1990—ROBERT M. SAUNDERS University of California Irvine, CA, USA	"For distinguished service in extending IEEE leadership in the educational and professional communities, and as a founder and early chairman of the American Association of Engineering Societies."
1989—EDWARD J. DOYLE New Jersey Bell Short Hills, NJ, USA	"For dedication to the effective utilization of the Institute's resources, leadership in Professional Activities, and the development of Institute facilities."
1988—IRENE C. PEDEN University of Washington Seattle, WA, USA	"For leadership and outstanding contributions to the IEEE in education, technical activities, and Institute Boards."
1987—ROBERT F. COTELLESA Clarkson University Potsdam, NY, USA	"In recognition of lifelong and dedicated contributions to electrical engineering education and meritorious devotion to the IEEE as Vice President, Publications; Vice President, Technical Activities; and Executive Vice President."
1986—ROBERT C. WINTON European Consultant	"For outstanding service to the IEEE in furthering its transnational activities in Region 8."
1985—DONALD S. BRERETON	"For dedicated and exemplary service to the IEEE and

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| General Electric Company<br>Schenectady, NY, USA                                     | impressive leadership in the Centennial Task Force and as Special Coordinator for the events honoring IEEE's Centennial Year in 1984."  |
| 1984—WILLIAM M. MIDDLETON<br>Bell of Pennsylvania<br>Philadelphia, PA, USA           | "For meritorious service to the Institute and dedicated service to the Communications Society and to Region 2."   |
| 1983—THOMAS H. LEE<br>Massachusetts Institute of<br>Technology<br>Cambridge, MA, USA | "For meritorious service to the Institute, for the development of the IEEE Energy Committee, and for promoting public understanding of energy issues."  |
| 1982—NOT AWARDED   |   |
| 1981—ROBERT H. TANNER<br>Consultant<br>Naples, FL, USA                               | "For contributions toward professionalism and dedicated service to the Canadian Region, to the IEEE, and to the profession over many years."  |
| 1980—RAYMOND W. SEARS<br>Bell Telephone Company<br>Jamesburg, NJ, USA                | "For long-standing, resourceful, and unselfish contributions to the welfare of the Institute, particularly as Institute Secretary, Treasurer, and IEEE representative in various intersociety affairs."   |
| 1979—JOHN D. RYDER<br>Michigan State University<br>East Lansing, MI, USA             | "In recognition of John D. Ryder's dedicated contribution over a span of fifty years to electrical engineering education as teacher, author of textbooks and engineering dean and through his service and wise counsel to the Institute of Radio Engineers and the Institute of Electrical and Electronics Engineers as Editor of the PROCEEDINGS of the IRE and the PROCEEDINGS of the IEEE, Director and President of the IRE, Chairman of the History Committee and Chairman of the IEEE Centennial Committee, the Board of Directors confers this Award." |
| 1978—IVAN S. COGGESHALL<br>Western Union Telegraph<br>Co.<br>New York, NY, USA       | "In recognition of Ivan S.Coggeshall's dedicated contribution over a span of fifty years to the engineering profession through his service to the Institute of Radio Engineers and the Institute of Electrical and Electronics Engineers and his leadership in integration of wire and radio media through his wise counsel and action as Officer and Staff member of technical and professional organizations, the Board of Directors confers this Award."   |
| 1977—NOT AWARDED   |   |

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- 1976—CLARENCE H. LINDER  
General Electric Company  
"In recognition of Clarence H. Linder's dedicated service to the engineering profession, to the American Institute of Electrical Engineers and to the Institute of Electrical and Electronics Engineers as Director and President of both AIEE and IEEE, as President of the United Engineering Trustees, for his service to the profession as President of the National Academy of Engineering, for his strong support in the establishment of the United Engineering Center and particularly for his leadership in planning and perfecting the merger of AIEE and IRE, the Board of Directors confers this Award in deep appreciation of his many contributions to the Institute."
- 1975—WALTER J. BARRETT  
New Jersey Bell  
Newark, NJ, USA  
"In recognition of Walter J. Barrett's long and dedicated service to the engineering profession and the Institute of Electrical and Electronics Engineers and the American Institute of Electrical Engineers as Director and President of both AIEE and the United Engineering Trustees, and particularly for his dynamic leadership in planning and in organizing financial support for the new United Engineering Center and in locating its distinguished site, the Board of Directors confers this award which appropriately recognizes a man who served so well and ardently at all levels in his professional society."
- 1974—JAMES H. MULLIGAN, JR.  
University of California  
Irvine, CA, USA  
"In recognition of James H. Mulligan's dedicated service to the engineering profession through his wise counsel and action in the IEEE both as Director and President, particularly to the younger members, and of his excellent service in promoting coordination of IEEE with other technical and professional organizations, thereby elevating the professional status of all engineers, the Board of Directors confers this Award established by Haraden Pratt with the expectation that his accomplishments will act as a catalyst to future leaders."
- 1973—ELGIN B. ROBERTSON,  
SR.  
Plastics Mfg. Company  
Dallas, TX, USA  
"In recognition of Elgin B. Robertson's half century of dedicated service to the Institute of Electrical and Electronics Engineers and the American Institute of Electrical Engineers, which has included his firm leadership as President of AIEE and his wise counsel as Director of AIEE and Director Emeritus of IEEE, and for his part in founding the IEEE through the union of AIEE and IRE, the Board of Directors confers this Award, established through the bequest of his friend and associate, Haraden Pratt. Attesting to the esteem with which he is held by the Institute and its members is the fact that he is one of four living members on whom the

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grade of Honorary Member has been conferred. Long devoted to the cause of unity among engineers, he has truly enriched the profession he has served."

1972—ALFRED N. GOLDSMITH  
RCA Laboratories  
St. Petersburg, FL, USA

"In recognition of Dr. Goldsmith's dedicated service to the Institute of Electrical and Electronics Engineers and the Institute of Radio Engineers over a span of sixty years, and of his leadership in establishing the high standards for which the Institute is respected throughout the World, the Board of Directors confers this first Award, established through the bequest of his friend, and close associate, Haraden Pratt. On the honored list of those who have rendered outstanding service to the Institute, no one has performed so well, for so long a time, with such unswerving dedication to truth and excellence."