

## IEEE LAMME MEDAL RECIPIENTS

2003 - 2008 – NOT AWARDED

2002 – SAKAE YAMAMURA  
Japan Academy  
Engineering Division

"For achievements on analysis methods of electrical circuits and machines, linear induction motors, and motion of electric arcs."

2001- NOT AWARDED

2000 - JOACHIM HOLTZ  
Wuppertal University  
Wuppertal, Germany

"For pioneering inventions related to magnetically levitated high-speed trains, ac drive systems for railway traction and modulation theory of power converters."

1999- BANTIVAL JAYANT BALIGA  
North Carolina State University  
Raleigh, NC

"For his sustained, innovative contributions to power semiconductor technology which has had widespread impact on power electronic systems."

1998 - HERBERT H. WOODSON  
University of Texas at Austin  
Austin, TX

"For leadership in research and technology in the field of pulsed power and energy conversion systems"

1997 - ANDRE J. CALVAER  
Liège University  
Liège, Belgium

"For outstanding contributions to the analysis of the dynamic performance of electric power systems, including the vital role of reactive power."

1996 - BIMAL K. BOSE  
University of Tennessee  
Knoxville, TN

"For contributions to the advancement of power electronics and electrical machine drives."

1995 - NARAIN G. HINGORANI  
Electric Power Research Institute  
Palo Alto, CA

"For leadership and pioneering contributions to the transmission and distribution of electric power."

1994 - MICHEL E. POLOUJADOFF  
Universite Pierre et Marie Curie  
Paris, France

"For advancements in the theory and application of high-power electromagnetic apparatus, including transformers and electronically controlled machine drives."

1993 - MASAYUKI IEDA  
Aichi Inst. of Technology  
Tokyo, Japan

"For outstanding contributions in developing electrical insulation technology and new insulating materials for high voltage electric power apparatus and cables."

1992 - DIETRICH R. LAMBRECHT  
Siemens AG  
Ruhr, Germany

"For outstanding contributions to the advancement of turbine-generator engineering and technology, particularly superconducting rotor winding."

1991 - SHOTARO TOMINAGA  
Ryokoh Computer Systems Co.  
Hommachi, Japan

"For contributions to the development of SF6 gas circuit breakers, zinc oxide surge arresters, and gas insulated switchgear and substations."

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| 1990 - THOMAS W. DAKIN<br>Westinghouse Electric Corporation<br>Pittsburgh, PA  | "For contributions to the fundamental understanding of the aging characteristics of dielectric materials, and the development and application of insulating materials for electrical apparatus and systems." |
| 1989 - EUGENE C. SAKSHAUG<br>General Electric Co.<br>Schenectady, NY           | "For lifelong contributions in the design, development and application of power system surge-protective devices."  |
| 1988 - LEON K. KIRCHMAYER<br>General Electric Co.<br>Schenectady, NY           | "For pioneering work in the operation and planning of electric utility systems."   |
| 1987 - NO AWARD  |  |
| 1986 - I. BIRGER JOHNSON (deceased)<br>General Electric Co.<br>Schenectady, NY | "For major contribution to the reliability and economy of electric power transmission systems, and to the analysis of surge voltage phenomena."  |
| 1985 - LOREN FRANK STRINGER<br>Westinghouse Electric Corp.<br>Buffalo, NY      | "For technical leadership in the development of industrial drive systems and static power converter technology."   |
| 1984 - WILLIAM MACMURRAY<br>General Electric Co.<br>Schenectady, NY            | "For meritorious achievement in the development of forced-commutation thyristor circuitry and its application to alternating-current adjustable-speed drive systems."  |
| 1983 - MARION E. HINES<br>Microwave Assoc. Inc.<br>Burlington, MA              | "For sustained, innovative contributions to microwave device applications of semiconductor diodes."  |
| 1982 - MARVIN CHODOROW<br>Stanford University<br>Stanford, CA                  | "For contributions to the theory and design of high power klystrons and traveling wave tubes."   |
| 1981 - GEORGE B. LITCHFORD<br>Litchford Electronics Inc.<br>Northport, NY      | "For outstanding contributions in the development of electronic systems for air navigation and air traffic control"  |
| 1980 - EUGENE C. STARR<br>Bonneville Power Admin.<br>Portland, OR              | "For outstanding contributions in the field of long-distance high-voltage electric power transmission systems."  |
| 1979 - JAMES M. LAFFERTY<br>General Electric Co.<br>Schenectady, NY            | "For contributions to thermionic emitters and to high-vacuum technology as applied to high-power vacuum switches."   |
| 1978 - HARRY WINSTON MERGLER   | "For pioneering research and creative industrial   |

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| Case Western Reserve Univ.<br>Cleveland, OH   | application of digital technology to machine tool and industrial control systems."   |
| 1977 - BERNARD M. OLIVER<br>Hewlett-Packard Company<br>Palo Alto, CA                                | "For his contributions to the theory and practice of electronic instrumentation and measurements."   |
| 1976 - C. KUMAR N. PATEL<br>Bell Telephone Labs.<br>Holmdel, NJ                                     | "For the invention and development of the carbon dioxide and spin-flip Raman lasers and for contributions to infrared spectroscopy of gases and solids."                             |
| 1975 - HAROLD B. LAW<br>RCA Labs.<br>Princeton, NJ  | "For outstanding contributions in developing color picture tubes, including the fabrication techniques which made color television practical."                                       |
| 1974 - SEYMOUR B. COHN<br>Cohn Associates, Inc.<br>Tarzana, CA                                      | "For outstanding contributions to the theory and practice of microwave component design."  |
| 1973 - CHARLES STARK DRAPER<br>Draper Lab.<br>Cambridge, MA   | "For outstanding contributions to vehicle guidance, control, and instrumentation through his pioneering development of inertial navigation systems."                                 |
| 1972 - YU H. KU<br>Univ. of Pennsylvania<br>Philadelphia, PA  | "In recognition of his outstanding contributions to analysis of the transient behavior of a-c machines and systems."   |
| 1972 - ROBERT H. PARK<br>R.H. Park Co., Inc.<br>Brewster, MA<br>(two awards with the same citation) | "In recognition of his outstanding contributions to analysis of the transient behavior of a-c machines and systems."   |
| 1971 - WINTHROP M. LEEDS<br>Westinghouse Electric Co.<br>Trafford, PA                               | "For contributions to the development of high voltage, high power circuit breakers, specifically using SF6 gas, and for his effective exposition of the theory of arc interruption." |
| 1970 - HARRY F. OLSON<br>RCA Labs.<br>Princeton, NJ   | "For his pioneering and continuing leadership in the field of electroacoustics, notably the invention and development of the velocity microphone."                                   |
| 1969 - JAMES D. COBINE<br>General Electric Co.<br>Schenectady, NY                                   | "For his contribution to the knowledge and development of gaseous discharge devices and their adaptation to the development of high-power vacuum interrupters."                      |
| 1968 - NATHAN COHN<br>Leeds & Northrup Company  | "For meritorious achievement in the field of automatic control of power generation and   |

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- Philadelphia, PA
- frequency for interconnected electric power systems."
- 1967 - WARREN P. MASON  
AT&T Bell Labs.  
Murray Hill, NJ
- "For outstanding contributions in the fields of sonics and ultrasonics and for his original work in designs of and applications for electromechanical transducers."
- 1966 - RENE ANDRE BAUDRY  
Westinghouse  
Pittsburgh, PA
- "For his significant contributions to the design of large electric generators."
- 1965 - A. UNO LAMM  
ASEA Electric, Inc.  
Armonk, NY
- "For outstanding achievement in developing the high-power high-voltage mercury arc valve and a unique system of control and protection for its application as a rectifier and inverter in high-voltage DC power transmission."
- 1964 - NO AWARD
- 1963 - LOYAL V. BEWLEY  
General Electric Co.  
Schenectady, NY
- "For meritorious achievement in the theoretical analysis of high voltage surges resulting in an advancement of insulation design and improvement of protection for machines, transformers, station apparatus and transmission lines."
- 1962 - EDWIN L. HARDER  
University of Pittsburgh  
Pittsburgh, PA
- "For meritorious achievements in the design, understanding and application of electric apparatus; more specifically for analyses of complex problems involved in rotating machinery, relays, regulators, ground detectors, saturable reactors, industrial control, magnetic amplifiers and computers; and solving these problems by the invention of new and novel forms of such apparatus as well as conceiving new combinations thereof."
- 1961 - CHARLES CONCORDIA  
General Electric Co.  
Schenectady, NY
- "For meritorious achievements in the design of electrical machinery; more specifically, for analyses of synchronous machine characteristics leading to improved designs and for exceptional contributions to the application and control of machines used in electric power systems."
- 1960 - JOHN G. TRUMP  
M.I.T.  
Cambridge, MA
- "For meritorious achievements in the design of particle accelerators and x-ray generators; more specifically for invention and design related both to multi-electrode acceleration tubes and to Van de Graaff generators; and also for exceptional contributions which led to applications in

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treatment of malignant disease."

1959 - LEE A. KILGORE  
Westinghouse Electric Corp.  
Pittsburgh, PA

"For meritorious achievements in the design of electrical machinery; more specifically, for analyses of synchronous machine reactances; for inventions of special armature windings; and for inventions and designs related to large adjustable speed alternating current motors."

1958 - PHILIP L. ALGER (Deceased)  
General Electric Co.  
Schenectady, NY

"In recognition of his contributions to the art and science of design and application of rotating electric machines."

1957 - HAROLD S. BLACK  
AT&T Bell Labs.  
Murray Hill, NJ

"For his many outstanding contributions to telecommunication and allied electronic arts, especially the invention of the negative feedback amplifier and the successful development and application of the negative feedback amplification principle."

1956 - H. H. BEVERAGE

"For his pioneering and outstanding engineering achievements in the conception and application of principles basic to progress in national and world-wide radio communications."

1955 - C. R. HANNA

"For his fundamental calculations and developments in the field of electrodynamics, and particularly for his achievements in the design of generator voltage regulators, automatic rolling mill controls, and tank gun stabilizers."

1954 - A. M. deBELLIS

"For his contributions to the design and development of power station equipment, especially air-insulated phase-isolated metal-clad high-voltage bus structures and disconnecting switches."

1953 - F. A. COWAN

"For his outstanding contributions to long distance communication and the development of modulating and transmission measuring apparatus of original design and wide application."

1952 - I. F. KINNARD

"For his outstanding contributions in design and developments in instrumentation and measurements."

1951 - ARTHUR E. SILVER

"For his pioneering electrification by designing the simplified farm-type transformer combined with high-voltage, lone span, and common

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neutral line construction."

1950 - DONALD I. BOHN

"For his pioneering development and application of electrical equipment for controlling rectifying systems in the production of aluminum."

1949 - C. M. LAFFOON

"For outstanding contributions to the design of electrical machines, particularly large turbine generators and high frequency generators."

1948 - V. K. ZWORYKIN

"For his outstanding contribution to the concept and design of electronic apparatus basic to modern television."

1947 - A. M. MACCUTCHEON

"For his distinguished accomplishments in the development of motors for industrial needs, notably in the steel industry."

1946 - J. B. MACNEIL

"For his foresight, leadership and creative contribution in the development of switching equipment."

1945 - DAVID C. PRINCE

"For his distinguished work in the development of high voltage switching equipment and electronic converters."

1944 - S. H. MORTENSEN

"For his pioneer work in the development of self-starting synchronous motors and for his contributions to the development of large hydraulic and steam turbine driven generators."

1943 - ARTHUR H. KEHOE

"For pioneer work in the development of alternating current networks and associated apparatus for power distribution."

1942 - JOSEPH SLEPIAN

"For his contribution to the development of circuit interrupting and current rectifying apparatus."

1941 - FORREST E. RICKETTS

"For his contribution to the high reliability of power-supply systems, especially in the design of apparatus for selective relaying and circuit reclosure."

1940 - COMFORT A. ADAMS

"For his contributions to the theory and design of alternating current machinery and his work in the field of electric welding."

1939 - NORMAN W. STORER

"For pioneering development and application of equipment for electrical traction."

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- 1938 - MARION A. SAVAGE "For able and original work in the development and improvement of mechanical construction and the efficiency of large high speed turbine alternators."
- 1937 - ROBERT E. DOHERTY "For his extension of the theory of alternating current machinery, his skill in introducing that theory into practice and his encouragement of young men to aspire to excellence in this field."
- 1936 - FRANK CONRAD "For his pioneering and basic developments in the fields of electric metering and protective systems."
- 1935 - VANNVAR BUSH "For his development of methods and devices for application of mathematical analysis to problems of electrical engineering."
- 1934 - HENRY E. WARREN "For outstanding contributions to the development of electric clocks and means for controlling central station frequencies"
- 1933 - LEWIS B. STILLWELL "For his distinguished career in connection with the design, installation, and operation of electrical machinery and equipment."
- 1932 - EDWARD WESTON "For his achievements in the development of electrical apparatus, especially in connection with precision measuring instruments."
- 1931 - GIUSEPPE FACCIOLI "For his contributions to the development and standardization of high-voltage, oil-filled bushings, capacitors, lightning arresters, and numerous features in high voltage transformers and power transmission."
- 1930 - WILLIAM J. FOSTER "For his contributions to the design of rotating alternating current machinery."
- 1929 - RUDOLF E. HELLMUND "For his contributions to the design and development of rotating electrical machinery."
- 1928 - ALLAN BERTRAM FIELD "For the mathematical and experimental investigation of eddy current losses in large slot-wound conductors in electrical machinery."