

INSTITUTE OF ELECTRICAL & ELECTRONICS ENGINEERS



WINTER GENERAL MEETING



General Session — Monday, January 28, 1963 — 2:00 P.M.

Grand Ballroom — Statler Hilton Hotel — New York City

GENERAL SESSIONS PROGRAM

Welcome —

W. G. Vieth, The Western Union Telegraph Company
Chairman, Winter General Meeting Committee

Introduction of Dr. J. Herbert Hollomon, Assistant Secretary, Department of Commerce for Science and Technology

B. R. Teare, Jr., Dean of Engineering, Carnegie Institute of Technology
Vice President, The Institute of Electrical and Electronics Engineers.

Address — Dr. J. Herbert Hollomon — “Technology & Economic Growth”

Presentation of Prize Awards —

L. G. Lex, Jr., Leeds & Northrup Company
Chairman, Prize Awards Committee

Introduction of Volta Scholar, Mr. Cesare Muzzi

Dr. P. A. Abetti, General Electric Company
Chairman, Volta Memorial Scholarship Fund

Presentation of the Elmer A. Sperry Award to Lloyd J. Hibbard, Retired, Westinghouse Electric Corporation

History of the Award — Robert B. Lea
Chairman, 1962 Sperry Board of Award

Presentation — R. L. Kimball, Gibbs & Hill, Inc.
IEEE Representative, Sperry Board of Award

Response — James N. Hibbard

**Presentation of the Edison Medal to Past-President Alexander C. Monteith
Vice-President, Electric Utility and Marine Group, Westinghouse Electric Corporation**

Establishment of the Medal — John W. Davis
Assistant Vice President, Southern Bell Tel. & Tel. Co.
Chairman, Edison Medal Committee

Career of the Medalist — Mark W. Cresap, Jr.
President, Westinghouse Electric Corporation

Response by Mr. Monteith

Introduction of Mr. Donald G. Fink, General Manager, IEEE — B. R. Teare, Jr.

Introduction of President of IEEE, Dr. Ernst Weber — B. R. Teare, Jr.

Address — Dr. Ernst Weber

Announcements — W. G. Vieth



EDISON AWARD



ALEXANDER C. MONTEITH

Dr. Alexander C. Monteith is Vice President—Electric Utility and Marine Group—for the Westinghouse Electric Corporation.

He is a native of Brucefield, Ontario, and a naturalized U.S. citizen. Dr. Monteith received his EE degree from Queen's University, Kingston, Ontario. There he won the Governor-General's Medal, awarded to the engineering student with the highest grades during his junior and senior years. In October of 1948 his Alma Mater presented him with the degree of Doctor of Laws.

Dr. Monteith joined Westinghouse in 1923 as a graduate student on the firm's training program. He was sponsor engineer for the Chicago area for 12 years, and became manager of the central station engineering department in 1938. He was awarded the Westinghouse Order of Merit in 1940. In 1941 he was named manager of the entire industry engineering department.

In 1945 he assumed responsibility for the headquarters engineering departments of Westinghouse and became director of education. That year he was appointed secretary of the Westinghouse Educational Foundation, an organization which sponsors a broad program of scholarships, fellowships, professorships, and many other educational programs, including the well-known Science Talent Search. In 1948, he was elected vice president in charge of engineering and research, and was named chairman of the Westinghouse Educational Foundation. Dr. Monteith assumed his present executive position in August 1955.

He was a member of the American Institute of Electrical Engineers for many years, and served as AIEE president for the 1954-1955 year. He was a past-chairman of the Pittsburgh Section. He is a member of the American Society of Mechanical Engineers, and was elected an Honorary Member in 1953. He is a member of the Conference Internationale des Grands Reseaux Electriques (International Conference on Large Electric High Tension Systems.)

He was made an honorary doctor of science by Lafayette College, and honorary doctor of engineering by Drexel Institute of Technology, and by Carnegie Institute of Technology.

Dr. Monteith was selected as the 1962 recipient of the Washington Award, one of the nation's outstanding honors for engineers.

Recipient of 1962 ELMER A. SPERRY AWARD, for

"Vision and persistence in applying the ignitron rectifier to railroad motive power, simplifying and improving its utilization of commonly available electric power."



LLOYD J. HIBBARD

PRIZE PAPER AWARDS

Kenneth A. Ray, Hoffman Electronics Corporation

First Prize
General Applications Division

R. J. Tallent, The Boeing Company

Second Prize
General Applications Division

E. F. Tuck and Donald K. Melvin,
Lenkurt Electric Company,
Inc., co-authors

First Prize
Communications Division

William A. Geyger, U. S. Naval Ordnance Laboratory

First Prize
Instrumentation Division

A. Klopfenstein, Southern California Edison Co., E. York, Water & Power Dept., City of Los Angeles, and J. W. Kalb, The Ohio Brass Company, co-authors

First Prize
Power Division

R. Saucedo, Westinghouse Electric Corporation, T. W. Sze, University of Pittsburgh, co-authors

First Prize
Science and Electronics Division

G. C. Feth, International Business Machines Corporation

Second Prize
Science and Electronics Division

D. G. Schultz, University of Arizona, J. E. Gibson, Purdue University, co-authors

First Prize
Industry Division

Larry E. Druffel, University of Illinois

First Prize
National Student Paper

James A. Kirsch, and Charles R. Moores, Arizona State University, co-authors

Second Prize
National Student Paper

J. H. HOLLOMON

Guest Speaker



Dr. John Herbert Hollomon was sworn in as Assistant Secretary of Commerce for Science and Technology on May 14, 1962.

Dr. Hollomon directs the scientific and technical functions of the Department and is the principal adviser to the Secretary on all scientific and technological matters of concern to the Department. He also represents the Department on the Federal Council for Science and Technology and is a consultant to the President's Science Advisory Committee.

Dr. Hollomon was born in Norfolk, Va., March 12, 1919. He received his BS and Doctor of Science Degrees at MIT and taught a year at Harvard. Dr. Hollomon has been associated with the General Electric Company since 1946, having joined its Research Laboratory as Assistant Manager of the Metallurgy Research Department. In 1960 he was appointed General Manager of the General Engineering Laboratory of the Company.

Dr. Hollomon has been an Adjunct Professor of Metallurgy at Rensselaer Polytechnic Institute and has served in advisory educational posts at Cornell, Harvard and the Massachusetts Institute of Technology. Dr. Hollomon is the author of a textbook on Metallurgy and has written or co-authored more than 50 articles in professional journals.

ERNST WEBER



President of IEEE

B. R. TEARE, JR.



Vice President of IEEE