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GUIDED MISSILES—Wed., November 4, 7:30 P. M.



Donald E. Mullen

GUIDED MISSILES, WEAPONS OLD AND NEW by D. E. Mullen, General Electric Co.

ABSTRACT

Your life has been changed by Guided Missiles. What they are, why they are a "must," and what your country is doing about them are explained, using a chronology of development and a measure of their current stature.

D. E. MULLEN was born in New York City, 1925. He attended New York University, spent three years with the Navy, and continued his education at Union College, Schenectady, graduating in January, 1949, with a B.S. in Electrical Engineering. He was accepted on the General Electric Test Program, and in

1950 joined the Guided Missiles Department. He has served as test equipment development engineer, supervisor of test and training equipment, and as requisition engineer. At present, he is on special project assignment with the Guided Missiles Department of General Electric.

PLACE—Engineering Societies Bldg., 33 W. 39th St., Main Auditorium.

PRE-MEETING DINNER—6:00 P. M., Midston Grill, 22 E. 38th St. Everyone welcome—no reservations necessary.

NOVEMBER 10 - Long Island Section (Page 3)

NOVEMBER 11 - Northern New Jersey Subsection (page 3)

NOVEMBER 18 - Monmouth Subsection (page 3)

NOVEMBER 19 - Mid-Hudson Subsection (page 3)

NOVEMBER 19-20 - Conference on Electronic Instrumentation in Nuclear and Medicine (page 4)

NOVEMBER 24 - Professional Group on Electron Devices (page 2)

DECEMBER 2 - N. Y. Section - "Recent Trends in Color Television", Donald G. Fink, Philco Corp.

SOMETHING NEW HAS BEEN ADDED!

A social gathering will be held outside the auditorium at 7:00 P. M., prior to the regular N. Y. Section

meeting. Light refreshments will be served. Come early and get acquainted with your fellow engineers!

PROFESSIONAL GROUPS

Electron Devices

Chairman of the Papers Committee for this Group, Mr. Theodore J. Marchese, reports that the first regular quarterly meeting will be held Tuesday, Nov. 24, 7:30 P. M., at the Engineering Societies Bldg., Room 501A. An informal dinner (no reservations necessary) will be held at the Midston Grill at 6 P. M.

Two papers have been scheduled for this meeting. The first carries the title, "A High-Power CW Magnetron" and will be presented by D. E. Nelson, Tube Dept., RCA. Mr. Nelson will describe a developmental 10-kw. continuous-wave magnetron tunable over the range of 785 to 845 mc.

The second paper is called "Investigation of UHF Amplifier Operation" and will be presented by Wen Yuan Pan, Manager of UHF and Transistor

Circuits Group, RCA Victor. He will discuss some essential properties of amplifiers for operation in the uhf TV band with particular reference to stability, gain, and noise factor. Types of tubes investigated include planar, cylindrical and miniature types.

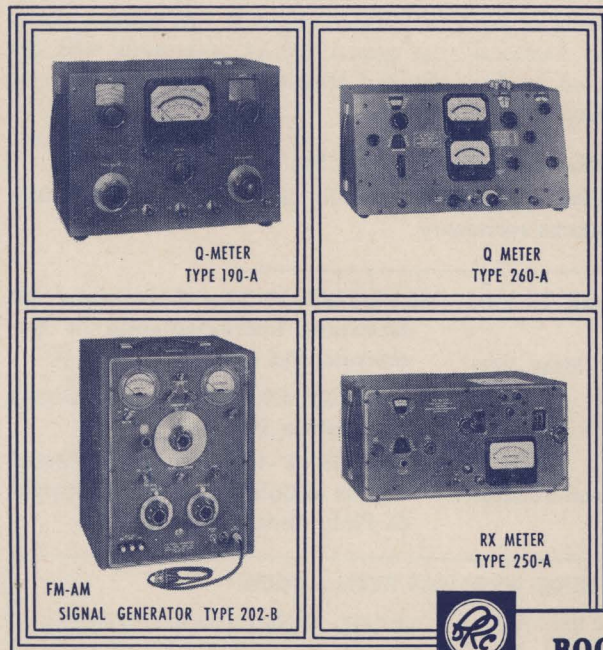
Electronic Computers

The Chairman of this Group, Mr. R. Shaw, is located at the Electronic Computer Div., Underwood Corp., 160 Avenue of the Americas, New York 13. The address given in the September issue was wrong.

Nuclear Science

A Chapter of this Group is being formed in the Long Island Section. For further information, contact Carol Veronda at Sperry Corp. who is chairman of the Professional Groups Committee for the Long Island Section.

ELECTRONIC MEASURING INSTRUMENTS



RX Meter

Impedance Measurements

Q Meters

Low, Medium and High
Frequencies
Very High Frequencies

Signal Generators

Frequency and Amplitude
Modulated:
For Aircraft Navigation
Receivers
For Mobile Communications
Receivers

Univerters

Low, Medium and High
Frequencies



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480 Lexington Ave., N. Y. C.

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University Heights, N. Y. C.

Symposium

R. J. Bibbero—Apt. 7H South
60 Sutton Place, N. Y. C.

TSCNY Representative

R. D. Chipp—DuMont Television
515 Madison Ave., N. Y. C.

Meeting Facilities

Ralph Batcher—RETMA
489 Fifth Ave., N. Y. C.

Professional Groups

Sidney Moskowitz
Federal Telecommunication Labs.
500 Washington Ave.
Nutley 10, N. J.

ANNUAL REPORT

In accordance with the Section by-laws, the Annual Report for the 1952-1953 year has been made available by the Secretary. For information or copies, contact A. S. Beck, Secretary, Bell Telephone Labs., P. O. Box 107, Red Bank, N. J. If telephoning, call CH 3-1000 and ask for a Red Bank line.

SUBSECTION MEETINGS

Northern New Jersey

G. P. McCOUCH, Chairman
F. A. POLKINGHORN, Vice-Chairman
W. R. THURSTON, Secretary
H. R. TERHUNE, Treasurer

On Wednesday, November 11, Dr. George Brown of RCA will speak on "Color Television". This meeting will be held at the Hillside School, Montclair, N. J., at 8:00 P. M. The regular pre-meeting dinner will be at the Three Crowns restaurant, also in Montclair, at 6:15 P. M.

Monmouth

O. D. PERKINS, Chairman
W. M. GOODALL, Vice-Chairman
E. MASSELL, Secretary-Treasurer

The next meeting, Wednesday, Nov. 18, will be held as usual at the Post Demonstration Theatre, Ft. Monmouth. Pre-meeting dinner will be at Crystal Brook Inn, Eatontown. For reservations call Dr. H. L. Brookman, Eatontown 3-1060, ext. Coles 544. Speaker and topic will be announced later.

Mid-Hudson

D. SALING, Chairman
J. HICKERSON, Vice-Chairman
E. A. KELLER, Secretary-Treasurer

Thursday, November 19, is the date of the next meeting, and the place is the Nelson House in Poughkeepsie. A speaker from Boonton Radio will discuss the Rx meter.

LONG ISLAND SECTION

The Tuesday, November 10th, meeting will be held as usual at the Stewart Ave. school, corner of Clinton Road and Stewart Ave., Garden City, L. I., at 8:00 P. M. Harold I. Ewen of Harvard will speak on "21 cm Radiation From Interstellar Hydrogen". The pre-meeting dinner will be at Felice's, Post Avenue and Old Country Road, Westbury, at 6:00 P. M. No reservations necessary.

H. S. RENNE
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ELECTRONIC INSTRUMENTATION

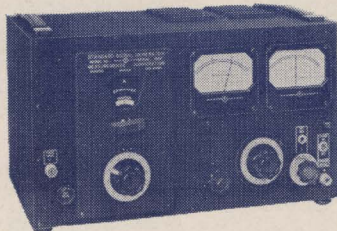
The sixth annual conference on Electronic Instrumentation in Nucleonics and Medicine, sponsored jointly by AIEE, IRE and AIS, will be held at the Hotel New Yorker on Nov. 19-20.

The first session will deal with diagnostic devices. One session will consist of papers on X-ray techniques, and another on blood measurements. An eve-

ning meeting will cover the general field of cinefluorography, or motion picture X-ray, with a panel discussion.

A session has been planned which will cover several fields of current interest, such as the electro-shock method of restoring heart action, dynamic stimulation of the electrical heart-body system, and uses of the analog computer in biological problems.

Laboratory Standards



VACUUM TUBE VOLTMETERS
INTERMODULATION METERS

STANDARD SIGNAL GENERATORS
PULSE GENERATORS
FM SIGNAL GENERATORS
SQUARE WAVE GENERATORS
U.H.F. FIELD STRENGTH METERS
CRYSTAL CALIBRATORS
MEGACYCLE METERS
PEAK TO PEAK VOLTMETERS

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