NORTH EASTERN DISTRICT MEETING
May 1-3, 1957
Pittsfield, Mass.

Headquarters
Wendell-Sherwood Hotel

Engineering Equals Industrial Revolution (E-IR) is the theme of the Northeastern District Meeting being held May 1-3 in Pittsfield, Massachusetts. The theme will be emphasized by sessions devoted to computers and data processing plus industrial electronics and controls.

Headquarters for the meeting will be the Wendell-Sherwood Hotel in downtown Pittsfield. Three full days of sessions beginning on Wednesday morning with transformers, instrumentation, and industrial-control and electronics carry through to Friday afternoon with timely technical papers devoted to nuclear power generation, design and operation of digital computers, and dielectrics. The well-rounded program contains papers of interest to those in every field of electrical engineering such as utility systems and apparatus, electronics and industrial applications.

Featured on the program at the Wednesday Luncheon will be Mr. Howard J. Cadwell, President of the local Western Massachusetts Electric Company who will talk about the Yankee Atomic Electric Company. The latter company is constructing New England's first atomic power plant at nearby Rowe, Massachusetts.

The meeting includes inspection trips, social activities, student competitions and a full calendar of events for ladies.

RESERVATIONS
Accommodations have been reserved for AIEE members at the Hotel Wendell-Sherwood. Single rooms are available starting at $5.50 to $7.35. Double rooms begin at $9.25 and two-room suites can be obtained from $20.00. Reservations should be made directly with the hotel with reference to attending the AIEE Meeting.

ENTERTAINMENT
A "get-acquainted" reception beginning at 5:30 on Wednesday evening will permit members to meet others attending. At 8:30, the Tri-Sectional Competition between members of the Pittsfield, Lynn, Massachusetts and Schenectady, New York Chapters will take place. Representatives will vie for honors in the categories of writing and presenting papers they have prepared.

On Thursday evening, beginning at 6:00 P.M., a cocktail party, smorgasbord and dance will highlight the evenings activities.

STUDENT ACTIVITIES
Student members will present papers on Friday morning following a special breakfast meeting for student counselors. Representatives of up to 21 schools of electrical engineering will compete for cash prizes plus an expense-paid trip to the AIEE Summer Meeting for the first prize winner. Counselors and students will join at a luncheon followed by an inspection trip to General Electric's nearby transformer plant in the afternoon.

INSPECTION TRIPS
Inspection trips include visits to Crane and Company in nearby Dalton, Mass. on Thursday morning, the Berkshire Woolen Company on Thursday afternoon and the General Electric Company on Friday morning and afternoon.

The complete paper-making process of turning rags into paper will be observed in the Crane Mills. Crane is one of the very few companies producing all-rag content paper. While the production of U.S. Currency which is made exclu...
AIEE NORTH EASTERN DISTRICT MEETING

PROGRAM — Pittsfield, Mass., May 1-3, 1957

Wednesday, May 1

9:30 A.M.—Transformers

DP.* The Application of Transformers with the Insulation Level Resolved by Two Classes of J. M. Clayton, Westinghouse Electric Corporation.


9:30 A.M.—Instrumentation

DP.* A New Impulse Generator for Cable Testing. P. H. Ware and M. J. Kouloupos, Simplex Wire and Cable Company.


9:30 A.M.—Industrial Electronics and Controls

DP.* The Economic and Technical Aspects of Industrial Electronics. Dr. E. D. Cook, General Electric Company.


DP57-570, Servo Control System for a Large Optical Tracking Instrument. Morton Mehr, Perkin-Elmer Corporation (Illustrated by moving pictures.)

12:00 Noon — Welcoming Luncheon

Guest Speaker—Mr. Howard J. Cadwell, President Sperry, Massachusetts Institute of Technology Co.

2:00 P.M.—Transmission and Distribution


DP57-533, Some Aspects of Surface Voltage Gradient on Power Transmission Lines. H. R. Deight, Massachusetts Institute of Technology.


2:00 P.M.—Instrumentation


2:00 P.M.—Lighting Protective Devices


Thursday, May 2

9:30 A.M.—Transmission and Distribution


DP.* Suspension Insulator Flashovers Under High Voltages. Bruce Kingsbury, General Electric Company.

9:30 A.M.—Communication and Electronics

DP.* Propagation of Radio Waves via the Troposphere over Distances Far Beyond the Horizon. James F. Roche, Lincoln Laboratory, Massachusetts Institute of Technology.


9:30 A.M.—Electric Heating and Air-Conditioning


2:00 P.M.—Transmission and Distribution


Anionic Chamber, G. E. Sound Laboratory.

2:00 P.M.—Survey of Computers and Their Application


2:00 P.M.—Electric Heating and Air Conditioning


Friday, May 3

9:30 A.M.—Student Prize Papers

9:30 A.M.—Power Generation

DP.* Application of Relays to Turbine Generators. B. L. Lloyd, Westinghouse Electric Corporation.

DP.* Steam Turbine Generators with Liquid Cooled Stators. R. C. Buell, General Electric Company.


9:30 A.M.—Programming and Engineering Applications of Digital Computers


2:00 P.M.—Nuclear Power Generation


2:00 P.M.—Design and Operation of Digital Computers


DP57-543. A Short-Access Time Memory Using Two Cores per Bit. R. L. Best, Lincoln Laboratory, Massachusetts Institute of Technology.


2:00 P.M.—Dielectrics


Note: Unnumbered District Papers (DP.*) may be available at or after the meeting, if copies are provided by the author. They are not intended for publication in the Transactions and are not presently scheduled for reproduction in any form by the Institute.

The members of the 1957 North Eastern District Meeting Committee are: J. O. Sweeney, General Chairman; J. C. Russ, Vice Chairman & Secretary; H. S. Hubbard, Adviser; W. A. McMorris, Chairman—Meetings & Papers; B. N. Bowers, Chairman—Registration & Reservations; J. C. Church, Chairman—Student Meeting; F. H. Judkins, Chairman—Finance; W. A. Williams, Chairman—Ladies' Arrangements; R. M. Butler, Chairman—Publicity; W. J. Degman, Chairman—Inspection Trips & Transportation; W. F. Dripps, Chairman—Meeting Room Arrangements; S. B. Howard, Chairman—Dinner Dance; S. C. Leonard, Chairman—Smorgasbord; W. G. Deuring, Chairman—Exhibits; B. A. Cogbill, Treasurer & Budget Chairman.

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