A.I.E.E. NORTH EASTERN DISTRICT MEETING AND STUDENT BRANCH CONFERENCE

April 23-25, 1947

PROGRAM SUPPLEMENT

Additional Technical Paper, Machine Tool Session, Friday Morning
APPLICATIONS OF ELECTRICAL EQUIPMENT TO PRECISION BORING MACHINES
Stanley I. Rice, Heald Machine Company

Additional Student Papers, Friday Morning
THE DESIGN OF A LABORATORY PHASE-SHIFT CIRCUIT
F. H. Zimmerli and R. E. Smith, Rensselaer Polytechnic Institute

ENGINEERING TREND
Eugene E. Hand, Rhode Island State College

THE ELECTROSTATIC AIR FILTER
Herbert Greeley, David Ward and Richard Walder, Rhode Island State College

THE ELECTRONIC BUOY
K. R. Burkhard, H. J. Kenerleber, J. F. McDonough and A. H. Gahpeir, Rhode Island State College

Inspection Trips, Friday Afternoon (Please note leaving times)
(Reservations must be made in advance at the desk. Inspection trip descriptions may be obtained at the desk)

**NORTON COMPANY**—Plant Chairman, Mr. Harry Howard. Bus leaves Hotel at 12.15 p.m. Lunch at plant

**HEALD MACHINE COMPANY**—Plant Chairman, Mr. Robert Heald. Bus leaves Hotel at 12.30 p.m. Lunch at plant

**RADIO STATION WTAG**—Plant Chairman, Mr. Elliot A. Browning, and
**W.P.I. HYDRAULICS LABORATORY**—Plant Chairman, Dr. Charles M. Allen. Bus leaves Hotel at 1.05 p.m. Lunch before leaving

**AMERICAN STEEL AND WIRE COMPANY**—Plant Chairman, Mr. Roger H. Bryant. Bus leaves Hotel at 1.15 p.m. Lunch before leaving

**NEW ENGLAND POWER SUBSTATION AND DISPATCHING OFFICE**—Plant Chairman, Mr. C. P. Corey. Bus leaves Hotel at 1.25 p.m.

**WYMAN-GORDON PRODUCTS CORP.**—Plant Chairman, Mr. C. W. Motherwell. Bus leaves Hotel at 1.35 p.m.

**WORCESTER COUNTY ELECTRIC COMPANY LABORATORY**—Plant Chairman, Mr. E. D. Learned, and
**WORCESTER POLYTECHNIC INSTITUTE**—Plant Chairman, Prof. Theodore H. Morgan. Bus leaves Hotel at 1.45 p.m.

All buses will return to the Hotel by 4.30 p.m. in ample time to make train connections for New York or the West.

(Over)
Ladies' Program

Wednesday

Sightseeing trip to historic Wayside Inn, Sudbury, made famous by Longfellow's "Tales," and now owned by the Henry Ford Estate. Entertainment and dinner at the Inn, 6.00 p.m. Cost, $2.00 per person. Transportation will be provided, leaving A.I.E.E. headquarters, Sheraton Hotel, at 3.30 p.m. and returning in the early evening.

Thursday Morning

Shopping and sightseeing trips

Thursday Afternoon

Tour of Worcester Art Museum or Higgins Museum of Antique Armor, followed by tea as guests of A.I.E.E.

Entertainment

Wednesday

6.30 p.m. Social Hour, in the Foyer
7.00 p.m. Smoker, in the Ballroom. Tickets, $2.50 per person

Master of Ceremonies—Gary Webb
Webb and Brooks
Comedian and Dancer
Accordionist
George Watts
All-around Entertainer
Beatrice Henderson
Whistler and Banjoist
Rosita and Perez
Dancers

Thursday

6.30 p.m. Social Hour, in the Foyer
7.00 p.m. Banquet, in the Ballroom. Tickets, $3.00 per person

Toastmaster—Prof. William H. Timbie, M.I.T.
Remarks—Mr. E. W. Davis, District Vice-president
Presentation of Prizes for Papers—Mr. Victor Siegfried, District Secretary
Address—"The European Puzzle," Dr. Samuel Van Valkenburg, Director, Graduate School of Geography, Clark University
Music during Dinner—The Mildred Barrett Bigelow Trio
Music after Dinner—The Worcester Polytechnic Institute Octet

We take this opportunity to thank the companies listed below for their generous support which makes possible our excellent social and entertainment program.

American Steel and Wire Co. Norton Company
Coghill Electric Company Simplex Wire and Cable Company
General Electric Company Scrimgeour Electric Company
Heald Machine Company U.S. Rubber Company
Morgan Construction Company Worcester County Electric Company
Merrill Electric Supply Co. Wyman-Gordon Products Corporation

Westinghouse Electric Corporation