

# MIDDLE EASTERN DISTRICT MEETING & Student Branch Convention

AKRON, OHIO



OCTOBER 13-15

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A diversified technical program, interesting inspection trips, entertainment, and a special program for the ladies has been arranged by the committees. The meeting headquarters is in the Mayflower Hotel. The student technical session will be held on Friday morning, followed by a luncheon conference of Branch Chairmen and Counselors.

A District Executive Committee Meeting will be held Saturday morning, October 16, at 9:30 followed by a luncheon at 12:00.

## INSPECTION TRIPS

Opportunity is afforded to see a representative cross section of manufacturing and points of interest in Akron and vicinity. In addition to the scheduled trips a visit to the Goodyear Air Dock and the Goodyear Museum can be arranged by consulting the registration desk. When registering at the meeting please indicate desired trips. Buses will leave the Mayflower Hotel on all trips except that to the B. F. Goodrich Company, which is within walking distance. Bus fare to Nela Park will cost \$1.25, the other trips 25 cents each. Tickets for bus transportation are available at the registration desk. Please purchase your tickets as soon as possible. If you are driving your private car and wish to take extra passengers, please notify the desk so others may be accommodated.



# PROGRAM of the Middle Eastern District Meeting, Akron, O., Oct. 13-15, 1937

(Eastern Standard Time)

(Reference to ELECTRICAL ENGINEERING given for all published papers)

## BABCOCK AND WILCOX, Sterling St., Barberton

Wed. Buses leave Hotel 2:00 P. M.

Those interested in power plant equipment will have an unusual opportunity to see the fabrication processes in the Barberton plant where high and low pressure boilers, pulverized coal equipment, economizers, air heaters, etc., are made.

The Babcock and Wilcox Co. advises that no cameras can be taken in the plant and that all visitors must be American citizens.

## THE B. F. GOODRICH COMPANY, 500 S. Main St., Akron

10 Minute Walk from Mayflower Hotel.

Starting with the crude rubber production a tire may be seen in various stages of process—cutting, plastication, mixing, milling, tubing and curing to the finished product.

## NELA PARK, Euclid Ave., Cleveland

Thurs. Buses leave Hotel 1:30 P. M.

Methods of lamp development and manufacture will be seen on the trip through the laboratory followed by a discussion on lamp development and lighting research, after which an inspection of the Institute will be made. Dinner will be at 6:30, followed by an evening of popular entertainment. The many displays of home applications make this trip of equal interest to the ladies.

## OHIO BRASS COMPANY, Park and Ninth Sts., Barberton

Fri. Buses leave Hotel 1:30 to 2:00.

Production methods and routine testing in the manufacture of high voltage porcelain insulators will be seen in a conducted tour through the Barberton plant as well as a demonstration of normal frequency and impulse tests on various insulator equipment.

## DANIEL GUGGENHEIM AIRSHIP INSTITUTE, Triplett Blvd., Akron. Wed. Buses leave Hotel 7:30 P. M.

The vertical wind tunnel, the whirling arm with a tip speed up to 200 mph to which models are attached, as well as the water tank test stand used to simulate the free movement of airships in gusts will be seen together with the various models, control apparatus, and measuring instruments used on tests.

## BLIMP RIDES.

Free blimp rides will be available for ladies at Municipal Airport on Friday from 9:30 to 11:30 A. M.

If enough men desire it, blimps will be held over for them. Rides for men will start at 12:30 P. M. and continue as long as passengers are available. A charge of \$1.50 per man will be made. The blimps hold five or six passengers and are aloft approximately 10 minutes each trip. No buses are available for this event.

## LADIES' PROGRAM

### WEDNESDAY

Morning—Registration.

Luncheon—Mayflower, 1 P. M. (Guests of Akron Section)

Afternoon—Garden Pilgrimage, leaving hotel at 2:15, and visiting the F. A. Seiberling and the L. A. Laurson estates. In case of rain, a theatre party will be given.

Evening—\*Informal Dinner at Mayflower Hotel, Parlor E. Tour to the Guggenheim Institute, at 7:30.

### THURSDAY

Morning—Portage Country Club. Games, keno, and a putting contest.

Luncheon—Portage Country Club, at 12:00. \$1.00.

\*1:30 P. M.—Leave for Inspection Trip to Nela Park, Cleveland.

### FRIDAY

Morning—Free Blimp Rides for ladies, if weather permits.

Blimps will be boarded at Municipal Airport from 9:30 to 11:30. Otherwise a trip through the Yoder greenhouses or bridge at the hotel will be arranged.

Luncheon—At the Y. W. C. A., 12:30. 55c.

Afternoon—Bridge Tea, at home of Mrs. A. O. Austin, Barberton.

Evening—\*Dinner, Informal, at the Mayflower hotel. \$2.00. Guests at men's session.

\*Participating with men. These events are also listed in Main Schedule.

## WEDNESDAY

9:00 A. M.—REGISTRATION IN LOBBY 2nd Floor

9:45 A. M.—OPENING OF MEETING IN BALLROOM by A. O. Austin, Chairman Akron Section

Address of Welcome: Lee D. Schroy, mayor of Akron.

Response: I. Melville Stein, vice-president of Middle Eastern District.

10:15 A. M.—SELECTED SUBJECTS Ballroom

I. MELVILLE STEIN, Presiding

A Review of Radio Interference Investigation. Frank Sanford and Willard Weise, Cincinnati Gas and Electric Company. October, p. 1248

Notes on Radio Interference, Grover Lapp, Lapp Insulator Company, Inc.

Radio Disturbance Measurements, W. S. Jennens and C. J. Miller, Jr., Ohio Brass Company.

Improvements in Mine Ventilation, Theodore Troller, Guggenheim Airship Institute.

10:15 A. M.—PROTECTIVE DEVICES Parlor E

RUSSELL KRAMMES, Presiding

The Advance in Industrial Switchgear, R. Paxton and F. E. Fairman, General Electric Company.

The Design and Test of a High-Speed High-Interrupting-Capacity Railway Circuit Breaker, W. F. Skeats and H. E. Strang, General Electric Company.

2:00 P. M.—INSPECTION TRIPS

1. Babcock & Wilcox Company, Barberton, or
2. B. F. Goodrich Company, Akron.

6:30 P. M.—INFORMAL GET-TOGETHER DINNER, \$1.50 Per Plate Banquet Room

7:30 P. M.—INSPECTION TRIP

Daniel Guggenheim Airsh'p Institute.

## THURSDAY

9:30 A. M.—ELECTRICAL MACHINERY Ballroom

A. M. MacCUTCHEON, Presiding

Trends in the Design of Power Transformers, L. H. Hill, Allis-Chalmers Manufacturing Company.

Single-Phase Induction-Motor Performance, A. F. Fuchstein and T. C. Lloyd, Robbins and Myers, Inc.

October, p. 1277

5,000-KW Extraction Turbine, W. S. Kramer, Westinghouse Electric & Manufacturing Company.

Electrical Applications in Rubber Mills, John Grotzinger, R. S. Ferguson and W. A. Brown, Goodyear Tire and Rubber Company.

Design of Electrical Equipment for the Rubber Industry, C. W. Drake, Westinghouse Electric and Manufacturing Co.

9:30 A. M.—ELECTRONICS Banquet Room

J. R. MARTIN, Presiding

Low-Current Igniters, A. H. Toepfer, Westinghouse Electric & Manufacturing Company. July, p. 810

Regulation of Grid-Controlled Rectifiers, L. A. Kilgore and J. H. Cox, Westinghouse Electric & Manufacturing Company. September, p. 1134

The Igniter-Type Mercury Arc Rectifier as a Power Conversion Unit, A. Lee Barrett, Pittsburgh Coal Company.

Mercury Arc Rectifiers in Chlorine Production, L. J. Rimplinger, Pittsburgh Plate Glass Co.

1:30 P. M.—INSPECTION TRIP TO NELA PARK, Cleveland

6:30 P. M.—DINNER AT NELA PARK

8:00 P. M.—POPULAR ENTERTAINMENT, NELA PARK



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