

FORTY-THIRD

# Summer Convention

OF THE

AMERICAN  
INSTITUTE of  
ELECTRICAL  
ENGINEERS



## Program

BOOK-CADILLAC HOTEL  
DETROIT, MICHIGAN

June 20-24, 1927

## **CONDENSED PROGRAM (Men)**

### **Monday, June 20**

- 9:00 A.M. Registration
- 10:00 A.M. Section Delegates Meeting
- 12:30 P.M. Section and Branch Delegates Luncheon
- 2:00 P.M. Section Delegates Meeting
- 4:00 P.M. Branch Delegates Meeting
- 8:30 P.M. Dancing (informal)

### **Tuesday, June 21**

- 9:00 A.M. Registration
- 10:00 A.M. Mayor's Address, President's Address and Presentation of Prizes
- 10:30 A.M. Technical Session
- 2:00 P.M. Sports and Trip
- 8:00 P.M. Lecture by Dr. Compton
- 9:30 P.M. Reception and Dance (informal)

### **Wednesday, June 22**

- 9:30 A.M. Technical Sessions
- 1:30 P.M. Trip to Trenton Channel
- 2:00 P.M. Sports and Trips
- 6:45 P.M. Banquet (informal)

### **Thursday, June 23**

- 10:00 A.M. Technical Sessions
- 12:30 P.M. Past-Presidents' and Directors' Luncheon
- 2:00 P.M. Sports and Trip
- 5:15 P.M. Recital by Prof. Karapetoff
- 8:15 P.M. Lake Ride

### **Friday, June 24**

- 10:00 A.M. Technical Sessions

## **CONDENSED PROGRAM** (*Ladies*)

### **Monday, June 20**

- 3:00 P.M. Tea
- 8:30 P.M. Dancing (informal)

### **Tuesday, June 21**

- 10:00 A.M. Mayor's and President's Addresses
- 10:30 A.M. Sightseeing Trip
- 9:30 P.M. Reception and Dance (informal)

### **Wednesday, June 22**

- 1:30 P.M. Trip to Trenton Channel
- 6:45 P.M. Banquet (informal)

### **Thursday, June 23**

- 9:45 A.M. Drive and Luncheon
- 2:00 P.M. Matinee
- 5:15 P.M. Recital by Prof. Karapetoff
- 8:15 P.M. Lake Ride



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## TECHNICAL FEATURES



THE technical sessions of this convention are outlined in subsequent pages of this program. Other technical features are the Lecture by Prof. K. T. Compton and the symposium on Television, which are described below, and the inspection trips described fully elsewhere.

### Lecture By Prof. K. T. Compton

The "Nature of the Electric Arc" is the subject of the lecture by Prof. K. T. Compton of Princeton University, President of the American Physical Society. This lecture will be given at 8:00 P.M. Tuesday, June 21, in the Italian Garden or the Grand Ball Room, as announced.

### Television Symposium and Demonstration

A symposium on "Television" led by Dr. Herbert E. Ives of the Bell Telephone Laboratories, Inc., will be presented as the last event in the technical session (A) on Thursday morning, June 23, in the Crystal Ball Room. Dr. Ives will discuss the principles of the apparatus which has been developed for viewing moving objects at a distance by means of electrical transmission. He will cover the principal points in the five papers on this subject which have been prepared for this meeting.

Subsequent to the symposium, operating demonstrations of the television equipment will be made at convenient hours in a store on the first floor of the Book-Cadillac Hotel.

## SOCIAL FEATURES

On Monday evening, June 20, at 8:30 P.M., there will be an informal dance in the Crystal Ball Room.

### President's Reception and Dance (*Informal*)

The President's reception, followed by dancing, is scheduled for Tuesday evening at 9:30 o'clock in the Grand Ball Room. A group of young ladies has been invited to act as hostesses for the dance. There will also be other entertainment in addition to dancing.

### Convention Banquet (*Informal*)

On Wednesday evening at 6:45 o'clock will be held the convention dinner, at which three interesting speakers will talk. Alex Dow, President of the Detroit Edison Company, will preside as chairman, and C. F. Hirshfeld, Chief of Research of the Detroit Edison Company, will be toastmaster. Addresses will be made by C. F. Kettering, Vice-President of the General Motors Corporation, who will speak on some phase of the automobile industry; by W. B. Stout, President of the Stout Metal Airplane Division of the Ford Motor Company, on "Commercial Aviation"; and C. M. Newcomb, lecturer, psychologist, and humorist, of Cleveland, Ohio, on "The Psychology of Laughter." Music will be furnished by the Book-Cadillac Hotel orchestra.

Tickets should be obtained at the registration desk (\$4 per person). Reservations may be made at the registration desk, where there will

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be a chart showing the arrangement of tables, with table and seat numbers. Each table will seat 10 persons. Delegates to the convention are urged to make up their table parties in advance and turn in their groups to the Registration Committee.

### **Lake Ride and Moonlight Dance**

The palatial Steamer "Tashmoo" has been chartered by the A. I. E. E. for its sole use on Thursday evening for the lake ride and moonlight dance. Leaving the dock at the foot of Griswold Street at 8:15 P.M., the steamer will travel up the Detroit River, giving a view of the downtown Detroit sky line, beautiful Belle Isle, the Canadian shore, and the Detroit-Grosse Pointe Shore, thence into Lake St. Clair. Many attractive features are planned for this lake ride, including a grand prize drawing of two electric refrigerators for the ladies; moonlight dancing to the accompaniment of Finzel's ten-piece orchestra; vaudeville entertainment, etc.

### **Musicale By Prof. V. Karapetoff**

Prof. Vladimir Karapetoff of the Electrical Engineering Department at Cornell University, will give a recital on the five-stringed cello which he has developed, on Thursday afternoon, June 23, at 5:15 P.M., in the Italian Garden. Prof. Karapetoff will play some cello and violin selections to illustrate the possibilities of the instrument, and will also explain the various problems encountered and the manner in which they were solved.



## INSPECTION TRIPS

Three main inspection trips have been arranged and other trips may be made by individuals or groups who request arrangements from the Local Trip Committee.

Tickets for the main trips should be obtained in advance at the Registration Desk.

### Sightseeing Trip Tuesday

Busses will leave the Washington Boulevard side of the Book-Cadillac Hotel Tuesday, June 21, at 2:00 P.M., and will pass many points of interest around the city, including the Masonic Temple, Public Library and Art Institute, the General Motors Building, Boston and Chicago Boulevards, the Ford Highland Park Plant, Palmer Woods, Dodge Bros., the Packard Plant and Belle Isle. The cost of this trip will be \$1.00 a person. This trip will be open to the gentlemen and any of the ladies who do not participate in the Bloomfield Hills trip.

### Trenton Channel Trip

Wednesday, June 22, at 1:30 P.M., a trip for both ladies and gentlemen will be made to the Trenton Channel Generating Station of The Detroit Edison Company. Department of Street Railway busses will leave the Washington Boulevard side of the Book-Cadillac Hotel for the Michigan Central Depot, where a special train will conduct the party to the Trenton Channel Power House. This plant is the latest Detroit.

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Edison Company generating station and now has installed 5 of 6 proposed 62,500-kv-a. turbo-generators. The station uses pulverized fuel. Near the switch house is an outdoor, 120,000-volt switching station, from which emanate many tower lines. This plant has carrier-current communication. For the ladies of the party there will be a tea and games on the lawn near the river. The price of the tickets to this function is \$1.00 per person to cover transportation charges.

### **Trip To Ford Airport**

On Thursday, June 23, at 2:00 P.M., an inspection trip will be made to the Ford Airport, where the members who so desire may make a 30-mile flight over the manufacturing and suburban developments of Western Detroit. An excellent view will also be obtained of the mammoth Ford River Rouge Plant, other industrial plants, the downtown sky-scrapers, Canada, the Detroit River, Belle Isle, and the suburbs. Two of the Stout 8-passenger, all-metal, airplanes will be assigned to this duty and the special rate to the convention delegates for the flights will be \$5.00 per person. Flight tickets should be purchased at the Airport. An added attraction at the Airport is Ford's Museum of Aircraft, where one can inspect the Byrd North Pole Plane, Stout's first wooden bat-wing plane, the first metal ship, the giant three-motored all-metal



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plane, the "flivver" plane and other experimental crafts, as well as airplanes of other manufacturers. The famous Ford Mooring Mast for anchoring dirigibles, can be viewed from the plane. The cost of the trip will be \$1.00 per person.

### Other Points of Interest

Automobile manufacturing plants:-Cadillac, Chevrolet, Chrysler, Dodge, Ford (Highland Park and River Rouge Plants), Hudson, Hupp, Lincoln, Packard, Paige, Studebaker.

The Consumers Power Company developments of hydro-plants and interconnecting lines operating at voltages up to 140,000 volts, further north in the state of Michigan, may be quite readily included in one itinerary.

Morrell Street Generating Station (60,000 kw. capacity) of the Public Lighting Commission of Detroit.

The Detroit Edison Company's Substations.

Machine Switching Office at the Michigan Bell Telephone Building, 1365 Cass Avenue.

Radio Stations: WWJ at the Detroit News; WJR of the Richards-Oakland; WCX of the Detroit Free Press, with studio and broadcasting station on the 30th floor of the Book-Cadillac Hotel. Arrangements will be made upon request for member guests to visit this station.

Belle Isle: This beautiful island in the Detroit River, two miles long and with an area of 725 acres, includes a zoo, an aquarium, athletic fields, canals, a 9-hole golf course, a bathing beach, tennis courts, acres of woodland, Detroit Boat Club and Detroit Yacht Club.

Colleges in Detroit and nearby: University of Detroit, College of City of Detroit, University of Michigan, Ann Arbor, Michigan State College at Lansing.

Book Tower at Grand River and Washington Blvd. is the city's highest skyscraper and a fine view of the city and surrounding country can be obtained from its 36th

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floor. Arrangements can be made at the Registration Desk for a visit to this tower.

Park Davis & Company, Frederick Stearns & Company, Briggs Mfg. Plant and Fisher Body Company, Champion Porcelain Company, General Electric Company and Westinghouse Electric & Manufacturing Company offices and shops, Detroit and Michigan Stove Companies, the Detroit News and Detroit Free Press.

## SPORTS

### Golf

There will be golf tournaments on Tuesday, Wednesday and Thursday afternoons at the Hawthorne Valley Golf Club. On Tuesday and Wednesday first and second prizes will be awarded to the members turning in low gross and low net scores.

The 13th annual competition for the Ralph D. Mershon Cup, participation in which is limited to members of the Institute, will be held Thursday afternoon at the Hawthorne Valley Golf Club on Warren Avenue (1 mile west of Telegraph Road). This cup was donated by Past-President Ralph D. Mershon, and in the event any member wins it twice, it becomes the permanent property of that member.

A second prize will be awarded to the runner-up in this tournament.

On Thursday there will also be a "kicker's handicap" tournament in connection with competition for the cup. A prize will be awarded the winner of this handicap.

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A prize will be awarded to the member turning in the lowest score for best selected nine holes on any one of the three days. In the event of any tied net or gross scores the committee will toss a coin to determine the winner and runner-up.

No prizes will be awarded until after play is completed on Thursday afternoon. Only one prize will be awarded to any individual competitor in these tournaments. Prizes will be awarded only on scores turned in from Hawthorne Valley Golf Club. (Wear your badge.)

Busses will leave the Book-Cadillac Hotel on the Washington Blvd. side at 12:15 and at 12:45 P.M. and will leave the club at 5:30 and 6:00 P.M. on the above mentioned days. Members may get their lunch at \$1.00 per plate at the Golf Club if they desire. Green fees \$1.50, caddy \$1.00.

*Handicaps*—Players must register on cards at the Registration Desk before playing in any event. Each player must give his club handicap, his best score for this year and the par of his home course. The committee reserves the right to fix all handicaps and to withhold award of prizes pending adjustment. Individual cooperation by all players will be appreciated in this matter.

*Scoring*—Each player shall keep his own score. Cards must be attested by partner and must bear date and the player's name written legibly.

*Rules*—All tournaments will be played under United States Golf Association Rules, excepting such rules as exist at the Hawthorne Valley Golf Club, and with the following exceptions: Stymies will not be allowed; penalty for lost ball shall be stroke only; penalty for ball out of bounds shall be distance only.



## **Tennis**

Again this year the chief tennis play will be for the Ralph D. Mershon Tennis Cup, established in 1923 as an annual trophy. This cup is to become the property of the Institute member winning it twice.

The tournament will be started on Tuesday afternoon on the courts of the Edison Tennis Club, located at the corner of Frederick and St. Antoine Streets. Finals will be played on Thursday starting at 2:00 P.M.

Transportation will be furnished by the Local Trips Committee and arrangements should be made at the registration desk.

Events will include men's singles and men's doubles, all matches being at scratch and under U. S. Tennis Association Tournament Rules. Matches will be best two of three sets, except finals which will be best three of five sets. Competition will be limited to members.

Entries not made by advance registration will be taken care of at registration desk. Singles and doubles drawings in charge of W. G. Knickerbocker will be made Tuesday afternoon at the club house. There will be prizes for winners and runners-up. Courts not in use for tournament play will be open from 2 to 5 P.M. during the convention to Institute members and their guests.

## **Water Sports**

For those who wish to indulge in swimming and boating, arrangements will be made by the Entertainment Committee, if such applications are received at the registration desk.

## FOR THE LADIES

The Local Ladies Committee has worked out a particularly attractive and comprehensive entertainment program for the visiting ladies and cordially welcomes all lady guests to participate in the various functions planned. It is specifically requested that all ladies, whether local or from out of town, register immediately upon arrival, at the Registration Desk on the Ball Room Floor and receive there a booklet containing complimentary tickets for all functions planned for the ladies only. For other events (in which the gentlemen will participate) which are not included in the booklet, tickets will be sold to the ladies. These tickets must be obtained for the inspection trip on Tuesday afternoon, including the public buildings around the City, the motor plants and Belle Isle; the trip to the Trenton Channel Power House of The Detroit Edison Company, Wednesday afternoon; the Banquet on Wednesday evening; the inspection trip to Ford's Airport and Aircraft Museum on Thursday afternoon; and the Lake St. Clair boat ride and moonlight dance on the Steamer "Tashmoo" on Thursday evening.

Ladies' headquarters will be in the Ladies' Writing Room and Lounge on the Lobby Mezzanine Floor. The ladies will assemble there for the various functions. Definite instructions will be given on the bulletin board at the Registration Desk.

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### **Monday, June 20**

At 3:00 P.M. there will be given at the Women's City Club, on Park and Elizabeth Streets, just a few blocks north of the Book-Cadillac Hotel, a reception and tea to which the local ladies cordially invite all visiting ladies.

8:30 P.M., the dance (informal) in the Crystal Ball Room referred to on page 3.

### **Tuesday, June 21**

At 10:00 A.M., the ladies are invited to the addresses by the Mayor of the City of Detroit and by the President of the Institute in the Grand Ball Room.

At 10:30 A.M., all ladies should assemble in one of the rooms (see Bulletin Board at Registration Desk) for immediate departure on a sight-seeing trip through the Bloomfield Hills District, including the Booth Estate, and terminating at the Oakland Hills Country Club for luncheon. Subsequent to the luncheon, there will be bridge and putting contests.

At 9:30 P.M., the President's Reception and Dance (informal), including entertainment, will be given in the Grand Ball Room.

### **Wednesday, June 22**

The forenoon will be open for shopping or the following of one's own inclinations.



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1:30 P.M. the Trenton Channel trip referred to on page 5. A tea will be given for the ladies of the party on the lawn on the river side of the power house.

6:45 P.M., the Banquet referred to on page 3.

### **Thursday, June 23**

9:45 A.M., the ladies will congregate in one of the rooms (see bulletin board at Registration Desk) for a sight-seeing ride through the residence district of Grosse Pointe and thence around Belle Isle to the Detroit Yacht Club, where luncheon will be served.

2:00 P.M. they will be driven to the Bonstelle Playhouse where they will attend the matinee performance.

5:15 P.M., five-stringed cello recital by Prof. Karapetoff in the Italian Garden, referred to on page 4.

8:15 P.M., Detroit River and Lake St. Clair boat ride and moonlight dance, including entertainment and ladies' grand prize drawing for two electric refrigerators, on the Steamer "Tashmoo," referred to on page 4.

### **Friday, June 24**

Left open for shopping or other pursuits.

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### **Registration Desk "a Service Bureau"**

All visiting members are invited to avail themselves of the facilities and counsel of the Registration Desk, which should be considered the Convention Service Bureau.

### **Wear Your Badge**

Wear your badge to all affairs. It identifies you, facilitates getting acquainted and serves as your credentials and thus effects ready admission to most of the convention events.

### **Committee Rooms**

Committees desiring meeting rooms may arrange them through the Hotel Committee, Mr. J. W. Bishop, Chairman, at the Registration Desk.

### **Railroad Certificates**

Immediately upon arriving in Detroit members should deposit their railroad certificates at the Registration Desk so that they may be indorsed.

After indorsement the certificates will be returned to their owners (provided 250 have been deposited). Announcements will be made telling when the indorsed certificates are ready. These certificates properly indorsed must be presented to ticket agents when return tickets are purchased if the half-fare return rates are desired.

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### Program

(Detroit time, which is Eastern Standard time, is indicated throughout this program.)

#### Monday, June 20

- 9:00 A.M. REGISTRATION (Ball Room Floor)  
10:00 A.M. SECTION DELEGATES MEETING  
(Crystal Ball Room)  
12:30 P.M. SECTION AND BRANCH DELEGATES  
LUNCHEON (Italian Garden)  
2:00 P.M. SECTION DELEGATES MEETING (Crystal  
Ball Room)  
4:00 P.M. BRANCH DELEGATES MEETING (Crystal  
Ball Room)  
8:30 P.M. DANCING (Informal) (Crystal Ball  
Room)

#### Tuesday, June 21

- 9:00 A.M. REGISTRATION (Ball Room Floor)  
Room)  
Mayor's Address  
President's Address  
Presentation of Prizes for Institute Papers  
10:30 A.M. TECHNICAL SESSION (Grand Ball  
Room)

*Holtwood Steam Plant, Design and Operation in Co-  
ordination with Water Power, F. A. Allner, Penn.  
Water and Power Co.*

*Auxiliary Power at Richmond Station, J. W. Ander-  
son, Philadelphia Electric Co., and A. C. Monteith,  
Westinghouse Electric & Mfg. Co.*

*Recent Investigations of Transmission-Line Operation,  
J. G. Hemstreet, Consumers Power Co.*

*Ground-Relay Protection for Transmission Systems,  
B. M. Jones and G. B. Dodds, Duquesne Light Co.*

*Directional Ground-Relay Protection, J. V. Breisky,  
Westinghouse Electric & Mfg. Co.; G. W. King,  
Consumers Power Co., and J. R. North, Common-  
wealth Power Corp.*



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- 2:00 P.M. GOLF AND TENNIS TOURNAMENTS  
INSPECTION TRIPS
- 8:00 P.M. LECTURE—"The Physical Nature of the  
Electric Arc," by Dr. K. T. Compton,  
Princeton University (Italian Garden or  
Grand Ball Room)
- 9:30 P.M. PRESIDENT'S RECEPTION and DANCE  
(Informal) (Grand Ball Room)

### **Wednesday, June 22**

- 9:30 A.M. PRESENTATION of TECHNICAL COM-  
MITTEE REPORTS in two sessions, A and B

#### **Session A (Crystal Ball Room)**

- Research*, J. B. Whitehead, Chairman  
*Electrophysics*, Vladimir Karapetoff, Chairman  
*Education*, P. M. Lincoln, Chairman  
*Standards*, J. F. Meyer, Chairman  
*Instruments and Measurements*, A. E. Knowlton,  
Chairman  
*Communication*, H. P. Charlesworth, Chairman  
*Production and Application of Light*, P. S. Millar,  
Chairman  
*Electrical Machinery*, H. M. Hobart, Chairman

#### **Session B (Italian Garden)**

- Power Generation*, W. S. Gorsuch, Chairman  
*Power Transmission and Distribution*,  
Philip Torchio, Chairman  
*Protective Devices*, F. L. Hunt, Chairman  
*Applications to Iron and Steel Production*,  
A. G. Pierce, Chairman  
*Applications to Mining Work*,  
W. H. Lesser, Chairman  
*Application to Marine Work*,  
G. A. Pierce, Chairman

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*Transportation*, J. V. B. Duer, Chairman

*Electric Welding*, J. C. Lincoln, Chairman

*Electrochemistry and Electrometallurgy*,

G. W. Dinal, Chairman

1:30 P.M. TRIP TO TRENTON CHANNEL  
POWER STATION

2:00 P.M. GOLF AND TENNIS TOURNAMENTS  
TRIPS

6:45 P.M. CONVENTION DINNER (Grand Ball  
Room) Addresses as follows:

W. B. Stout, President of the Stout Metal Airplane  
Division, Ford Motor Co., will speak on Commer-  
cial Aviation

C. M. Newcomb, "The Psychology of Laughter"

C. F. Kettering, Vice-President of General Motors  
Corp., will speak on some phase of the automobile  
industry

## Thursday, June 23

10:00 A.M. TWO TECHNICAL SESSIONS, A and B

### Session A (Crystal Ball Room)

*Printing Telegraphs on Non-Loaded Ocean Cable*,  
Herbert Angel, Western Union Telegraph Co.

*A Non-Rotary Regenerative Telegraph Repeater*,  
A. F. Connery, Postal Telegraph Co.

*Electrical Reproduction from Phonograph Records*,  
E. W. Kellogg, General Electric Co.

*Symposium on Television*, led by Dr. Herbert E. Ives,  
Bell Telephone Laboratories, Inc.

Operating demonstrations of television equipment will  
be made at convenient hours following the sym-  
posium in a store on the first floor of the Book-  
Cadillac Hotel

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The five papers constituting the symposium on television are as follows:

1. *Television*, H. E. Ives, Bell Telephone Laboratories, Inc.
2. *The Production and Utilization of Television Signals*, F. Gray, J. W. Horton and R. C. Mathes, Bell Telephone Laboratories, Inc.
3. *Synchronization of Television*, H. M. Stoller and E. R. Morton, Bell Telephone Laboratories, Inc.
4. *Wire Transmission of Television*, D. K. Gannett and E. I. Green, American Telephone and Telegraph Co.
5. *Radio Transmission of Television*, E. L. Nelson, Bell Telephone Laboratories, Inc.

### Session B (Italian Garden)

(This session will be adjourned in time to allow those who desire to attend the symposium on Television scheduled under Session A)

*High-Voltage Multiple-Conductor Joints*, T. F. Peterson, Brooklyn Edison Co.

*Use of High-Frequency Currents for Control*, C. A. Boddie, Westinghouse Electric & Mfg. Co.

*Electromagnetic Waves Guided by Parallel Wires*, S. A. Levin, National Electric Light Association

*The International Electrical Units*, E. C. Crittenden, Bureau of Standards

- 12:30 P.M. PAST PRESIDENTS' AND DIRECTORS' LUNCHEON (Founders Room)
- 2:00 P.M. GOLF AND TENNIS TOURNAMENTS  
INSPECTION TRIP TO FORD AIRPORT
- 2:30 P.M. DIRECTORS' MEETING
- 5:15 P.M. CELLO RECITAL BY PROF. V. KARAPETOFF (Italian Garden)
- 8:15 P.M. BOAT RIDE AND DANCE



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### Friday, June 24

10:00 A.M. TWO TECHNICAL SESSIONS, A and B

#### Session A (Crystal Ball Room)

*An Investigation of Corona Loss*, E. C. Starr and W. L. Lloyd, General Electric Co.

*Law of Corona and Dielectric Strength*, F. W. Peek, General Electric Co.

*Puncture Voltage as a Precision Measurement*, V. Bush and P. H. Moon, Massachusetts Institute of Technology

*The Electrical Resistivity of Insulating Materials*, H. L. Curtis, Bureau of Standards

*Electric Strength of Solid and Liquid Dielectrics*, Wm. A. Del Mar, Habirshaw Cable and Wire Corp.; W. F. Davidson, Brooklyn Edison Co.; R. H. Marvin, Johns Hopkins University

*Mercury Arc Rectifier Phenomena*, D. C. Prince, General Electric Co.

#### Session B (Italian Garden)

*Current Collection from an Overhead Contact System Applied to Railroad Operation*, S. M. Viele, Pennsylvania Railroad

*Catenary Design for Overhead Contact Systems*, H. F. Brown, New York, New Haven and Hartford Railroad

*Catenary Construction for Chicago Terminal Electrification of Illinois Central Railroad*, J. S. Thorp, Illinois Central Railroad Co.

*Collection of Current from Overhead Contact Wires*, R. E. Wade and J. J. Linebaugh, General Electric Co.

*Railway Inclined-Catenary Standardized Design*, O. M. Jorstad, Westinghouse Electric & Mfg. Co.

### Saturday, June 25

1:30 P.M. Lake Trip to Mackinac Island and Georgian Bay. Those desiring to take this trip should make individual reservations with the Detroit and Cleveland Navigation Co., whose city offices are at 150 W. Lafayette Boulevard, Detroit.

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**GENERAL CONVENTION  
COMMITTEE**

1927 Summer Convention

Alex Dow, *Chairman*

G. B. McCabe, *Vice-Chairman*

**ENTERTAINMENT**

G. H. Roosevelt, *Chairman*

L. Braisted, *Vice-Chairman*

A. S. Albright	W. G. Knickerbocker
J. E. Averbach	G. E. Lewis
J. Caldwell	A. B. McChesney
G. R. Clover	E. V. Sayles
G. H. Doan	C. W. Terry

**FINANCE**

A. C. Marshall, *Chairman*

A. A. Meyer, *Vice-Chairman*

J. Andrews	A. R. Maynard
B. Foraker	W. W. Tefft
J. H. Livsey	

**HOTEL**

J. W. Bishop, *Chairman*

F. R. Jennings, *Vice-Chairman*

F. W. Bagnall	G. R. Horne
H. J. Burton	H. L. Woolfenden
J. H. Busby	

**LOCAL TRIPS**

E. L. Bailey, *Chairman*

F. L. Snyder, *Vice-Chairman*

W. J. Ducey	J. C. Mock
Ross Ewing	W. G. Piper
L. H. Frank	L. R. Wagner
J. C. Goodale	G. Wagschal

**MEETINGS AND PAPERS**

E. B. Meyer, *Chairman*

A. H. Lovell, *Vice-Chairman*

L. S. Foltz	J. J. Shoemaker
L. F. Hickernell	H. O. Warner
C. F. Hirshfeld	

**PUBLICITY**

A. MacLachlan, *Chairman*

Harold Cole, *Vice-Chairman*

B. W. Clark	J. C. Langdell
C. W. Hungerford	J. S. McCarthy

**REGISTRATION**

F. H. Riddle, *Chairman*

T. N. Lacy, *Vice-Chairman*

T. S. Bindschedler	W. C. Miller
J. H. Foote	J. G. Penn
O. E. Hauser	

**TRANSPORTATION**

C. Kittredge, *Chairman*

C. G. Winslow, *V-Chairman*

S. M. Dean	F. R. Temple
J. G. Hemstreet	M. K. Toeppen
B. G. Jamieson	W. Turner

**SECTIONS**

H. B. Smith, *Chairman*

**STUDENT BRANCHES**

C. E. Magnusson, *Chairman*

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### Ladies Entertainment Subcommittee

Mrs. Alex. Dow, *Honorary Chairman*

Mrs. C. F. Hirshfeld, *Chairman*

Mrs. J. W. Bishop, *Vice-Chairman*

#### BRIDGE

Mrs. B. W. Clark, *Chairman*

Mrs. J. A. Caldwell

Mrs. C. W. Terry

Mrs. H. Cole

Mrs. G. R. Horne

Mrs. F. R. Temple

Mrs. G. B. McCabe

Miss E. M. Cummings

Mrs. L. R. Wagner

Mrs. E. V. Sayles

Mrs. S. M. Dean

#### GOLF

Mrs. J. H. Livsey, *Chairman*

Mrs. A. S. Albright

Mrs. B. Foraker

Mrs. G. E. Lewis

#### SHOPPING

Mrs. C. E. Pearce, *Chairman*

Mrs. G. R. Horne

Mrs. W. C. Miller

Mrs. O. E. Hauser

#### TEAS

Mrs. C. W. Terry, *Chairman*

Mrs. G. B. McCabe

Mrs. C. Kittredge

Mrs. L. Braisted

Mrs. E. L. Bailey

Mrs. T. N. Lacy

#### WATER SPORTS

Mrs. M. K. Toepfen, *Chairman*

Mrs. F. R. Temple

Mrs. J. A. Caldwell

Mrs. C. W. Terry

#### DANCING

Mrs. H. Cole, *Chairman*

Mrs. J. C. Goodale

Mrs. S. M. Dean

Miss E. M. Cummings

Mrs. F. W. Bagnall

Mrs. O. E. Hauser

Mrs. L. Braisted

Mrs. F. L. Snyder

Mrs. G. H. Doan

#### RECEPTION

Mrs. A. C. Marshall, *Chairman*

Miss S. M. Sheridan, *Vice-Chairman*

Mrs. J. Andrews

Mrs. J. E. Averbach

Mrs. E. L. Bailey

Mrs. T. S. Bindschedler

Mrs. H. J. Burton

Mrs. J. H. Busby

Miss E. M. Cummings

Mrs. W. J. Ducey

Mrs. L. S. Foltz

Mrs. J. H. Foote

Mrs. L. H. Frank

Mrs. J. G. Hemstreet

Mrs. C. W. Hungerford

Mrs. B. G. Jamieson

Mrs. J. C. Langdell

Mrs. A. H. Lovell

Mrs. A. R. Maynard

Mrs. W. C. Miller

Mrs. J. C. Mock

Mrs. A. A. Meyer

Mrs. J. G. Penn

Mrs. W. G. Piper

Mrs. F. H. Riddle

Mrs. J. J. Shoemaker

Mrs. W. W. Tefft

Mrs. W. Turner

Mrs. G. Wagschal

Mrs. C. G. Winslow



## *A. I. E. E. Summer Convention*

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### **Officers of A.I.E.E. 1927-1928**

#### **PRESIDENT**

C. C. Chesney

#### **JUNIOR PAST PRESIDENTS**

M. I. Pupin      Farley Osgood

#### **VICE-PRESIDENTS**

P. M. Downing	H. M. Hobart
Herbert S. Sands	B. G. Jamieson
W. E. Mitchell	George L. Knight
Arthur G. Pierce	H. H. Schoolfield
W. P. Dobson	A. E. Bettis

#### **MANAGERS**

William M. McConahey	M. M. Fowler
W. K. Vanderpoel	H. A. Kidder
H. P. Charlesworth	E. C. Stone
John B. Whitehead	I. E. Moulthrop
J. M. Bryant	H. C. Don Carlos
E. B. Merriam	F. J. Chesterman

#### **NATIONAL TREASURER**

George A. Hamilton

#### **NATIONAL SECRETARY**

F. L. Hutchinson

#### **HONORARY SECRETARY**

Ralph W. Pope

### **A.I.E.E. Meetings and Papers Committee**

E. B. Meyer, *Chairman*

E. H. Hubert, *Secretary*

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E. E. F. Creighton	L. W. W. Morrow
J. V. B. Duer	F. D. Newbury
H. W. Eales	Farley Osgood
H. M. Hobart	F. W. Peek, Jr.
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V. Karapetoff	G. A. Pierce
A. E. Knowlton	C. E. Skinner
W. H. Lesser	H. B. Smith
P. M. Lincoln	Philip Torchio
A. M. MacCutcheon	G. W. Vinal
J. E. Macdonald	J. B. Whitehead

# POINTS OF INTEREST IN DETROIT

NUMBERS REFER TO MAP ON FOLLOWING PAGES

## HOTELS

- 1-Berkshire
- 2-Book-Cadillac
- 3-Brunswick
- 4-Carlton Plaza
- 5-Clifford
- 6-Fairbairn
- 7-Fort Shelby
- 8-Franklin
- 9-Gotham
- 10-Imperial
- 11-Iroquois
- 12-Lincoln
- 13-Madison-Lenox
- 14-Normandie
- 15-Norton
- 16-Palmetto
- 17-Prince Edward (Canada)
- 18-Royal Palms
- 19-Rotler
- 20-Stevenson
- 21-Strathmore
- 22-Tuller
- 23-Webster Hall
- 24-Addison
- 25-Alartly
- 26-Alden Park Manor
- 27-Andoria
- 28-Barlum
- 29-Belvedere
- 30-Billinghurst
- 31-Birchmont
- 32-Boulevard Manor
- 33-Bretton Hall
- 34-Brookins
- 35-Colonial Hall
- 36-Dixieland
- 37-Eddystone
- 38-Edison
- 39-Elms
- 40-Embassy
- 41-Fort Wayne
- 42-Frontenac
- 43-Gladstone
- 44-Grayson
- 45-Griswold
- 46-Henry Clay
- 47-Detroit Leland
- 48-Huntington
- 49-Jefferson Hall
- 50-Lexington
- 51-Lewis
- 52-Library Park
- 53-Majestic
- 54-Martha Washington
- 55-Morgan
- 56-Monroe
- 57-Mt. Vernon

- 58-Oxford
- 59-Park Avenue
- 60-Paul Revere
- 61-Plaza
- 62-Priscilla Inn
- 63-Roe
- 64-Roosevelt
- 65-Sage
- 66-Savoy
- 67-Seward
- 68-Spa Stag
- 69-Strafford Arms
- 70-Victoria Apt.
- 71-Victory and Annex
- 72-Wardell
- 73-Washington
- 74-Whittier
- 75-Windsor
- 76-Wolverine

## Public Buildings

- 82-Arcadia
- 83-Arena Gardens
- 84-Armory
- 85-Art Institute
- 86-Board of Commerce
- 87-Cass Tech. High School
- 88-City Hall
- 89-County Building

- 90-Detroit Athletic Club
- 91-Detroit News
- 92-Detroit Times
- 93-Elks Temple
- 94-Free Press
- 95-General Motors Bldg
- 96-Graystone
- 97-Grindley Hall
- 98-Knights of Columbus
- 99-Masonic Temple
- 100-Municipal Courts and Police Headquarters
- 101-Orchestra Hall
- 102-Post Office
- 103-Public Library
- 104-Women's City Club
- 105-Women's Exchange
- 106-Y. M. C. A.

## Theatres

- 1-Capitol
- 2-Madison
- 3-Adams
- 4-State
- 5-Michigan
- 6-Broadway Strand
- 8-Miles
- 9-Temple

- 10-Garrick
- 11-Shubert Lafayette
- 12-New Detroit
- 14-Shubert Detroit
- 15-Bonstelle
- 16-Cass
- 17-Gayety
- 18-Cadillac
- 19-Colonial
- 20-Majestic

## Depots and Docks

- A-Union Depot
- B-D. C. Navigation Co.
- C-Ashley & Dustin Line
- D-Great Lakes Transit Co.
- E-White Star Navigat'n Co.
- F-Det. Pt. Huron S. S. Co.
- G-Bob-Lo Boats
- H-Windsor Ferry
- I-Belle Isle Boats
- J-Grand Trunk Depot
- K-Chicago, Duluth & Georgian Bay Line
- L-Interurban Depot
- M-Walkerville Ferry
- N-Interurban Bus Depot
- O-Michigan Central Depot





