

# Winter General Meeting

January 19-23, 1953

Headquarters

7th Avenue and 33rd Street, New York, N. Y.

Hotel Statler



The AIEE Winter General Meeting to be held at the Hotel Statler and the Engineering Societies Building in New York, N. Y., January 19th to 23rd, will feature the largest Technical Program in the history of the Institute. The social activities, for which this meeting has also been known, will again be one of the outstanding features. A group of inspection trips has also been arranged, closely allied with the Technical Sessions and Conferences.

Dr. H. T. Heald, Chancellor, New York University, will deliver the principal address at the General Session to be held at 2:00 p.m. Monday, January 19th, 1953. Dr. Heald, recently installed as Chancellor, will speak on a subject most timely in this transition period of national and world events. At this session also, the Edison Medal will be presented to Dr. V. K. Zworykin and the Institute Paper Prizes will be presented. President D. A. Quarles will preside.

**HOTEL RESERVATIONS:** Blocks of rooms have been set aside at the Hotel Statler (meeting headquarters) and nearby hotels for members and guests attending the meeting. Requests for reservations should be sent prior to January 9, directly to the hotel of choice, and to only one hotel. AIEE should be mentioned in the request and a copy sent to W. G. Vieth, Chairman, Hotel Accommodations Committee, Western Union Telegraph Company, 60 Hudson Street, New York 13, N. Y. A second and third choice should be noted on this copy.

Due to the current accommodations situation in New York hotels, reservations for arrival on Sunday, January 18, are suggested. If the accommodations at the hotel requested are not available, the Hotel Accommodations Committee will transfer the request to one of the other hotels on the list.

Hotel rooms have been reserved at all the following conveniently located hotels:

Hotel Statler (meeting headquarters), 7th Avenue, 32nd to 33rd Sts.  
Single room with bath..... \$ 5.00 to \$10.00  
Double room, double bed ..... 8.00 to 12.50  
Double room, twin beds ..... 9.00 to 17.00  
Studio type ..... 12.00 to 18.00  
Parlor Suites ..... 22.00 to 40.00

Hotel Governor Clinton, 7th Avenue at 31st Street  
Single room with bath ..... \$ 5.50 to \$ 7.00  
Double room, double bed ..... 8.00 to 9.50  
Double room, twin beds ..... 9.00 to 11.00

Hotel McAlpin, Broadway and 34th Street  
Single room with bath ..... \$ 5.00 to \$ 9.00  
Double room, double bed ..... 8.00 to 13.00  
Double room, twin beds ..... 9.00 to 13.00

New Yorker Hotel, 34th Street and 8th Avenue  
Single room, tub and shower ..... \$ 5.50 to \$ 8.00  
Double room, double bed ..... 8.50 to 12.50  
Double room, twin beds ..... 9.50 to 14.00

Hotel Martinique, Broadway and 32nd Street  
Single room with bath ..... \$ 5.00 to \$ 7.00  
Double room, double bed ..... 8.00 to 10.00  
Double room, twin beds ..... 8.50 to 11.00

Hotel Commodore, 42nd Street at Lexington Avenue  
Single room with bath ..... \$ 6.00 to \$10.00  
Double room, double bed ..... 10.00 to 12.50  
Double room, twin beds ..... 11.50 to 14.50

Hotel Roosevelt, Madison Avenue at 45th Street  
Single room with bath ..... \$ 7.50 to \$10.50  
Double room, double bed ..... 13.00 to 16.00  
Double room, twin beds ..... 14.00 to 18.00  
Rates are subject to 5 per cent New York City hotel room tax.

**INSPECTION TRIPS:** A program of inspection trips of both technical and general interest has been arranged for those attending the Winter General Meeting. Since the number of people who may be accommodated on all of these trips is limited, members who are interested are urged to make arrangements and obtain full details at the Inspection Trips Desk immediately after registering at meeting headquarters. Advance registration by mail for trips cannot be accepted. On some of the trips, proof of U. S. citizenship will be required, and members should be prepared to comply with such security regulations as may be in force at the time of the trip.

**Radio City Music Hall, New York, N. Y.—(Tuesday morning, January 20)**—This ever-popular trip has again been scheduled, for the fourth year, as a result of many requests. Spectacular stage shows distinguished by unique lighting effects have made Radio City Music Hall an outstanding attraction for visitors from all over the world. Members will see the back-stage facilities as well as unusual features such as the revolving sectionalized stage, elevating orchestra pit, motorized curtains, and the multitude of electric and mechanical controls required for the special stage and theatre lighting effects. The magnitude of these operations is indicated by the connected load of 5500 horsepower in motors and 3500 kilowatts of lighting.

**National Biscuit Company, New York, N. Y.—(Tuesday morning, January 20)**—An opportunity to visit the largest manufacturing plant on Manhattan Island will be afforded our members by the National Biscuit Company which markets over 500 different varieties of bakery products, such as crackers, pretzels, ice cream cones, waffles, and dog biscuits. The New York plant covers 52 acres of floor space and is the largest of their 43 bakeries located throughout the country. Automatic packaging machinery, as well as hand packing operations, will be seen in addition to a variety of electronic control and registering applications.

**International Business Machines Company, New York, N. Y.—(Tuesday afternoon, January 20, and Thursday and Friday mornings, January 23 and 24)**—Great progress has been made in recent years in the field of electronic calculators, which combine the speed of the electric circuit with a memory capacity for thousands of digits. Many complex scientific and engineering problems are solved today in this manner in a bare fraction of the time formerly required. Technical personnel of the International Business Machines Company, a pioneer in the field of labor-saving devices, will explain the operation of their recently-developed Selective Sequence Electronic Calculator and will exhibit and explain numerous other electronic devices such as their four-unit calculator.

**Board of Transportation, City of New York, Fifty-Ninth Street Power Plant, New York, N. Y.—(Tuesday afternoon, January 20, and Friday morning, January 23)**—An unusual opportunity will be provided to see in close contrast the very new and the very old in generating equipment. A 7500 KW cross-compound Corliss engine with its 35 foot diameter generator rotor represents the very old, while the new equipment consists of a 50,000 KW high pressure turbine with a hydrogen-cooled generator and the latest in associated switchgear and controls. An air-conditioned electrical control room is a feature of this unique installation.

**United Nations General Assembly Hall, New York, N. Y.—(Tuesday afternoon, January 20, and Thursday morning, January 22)**—Completed in October, 1952 this is the last of the three principal buildings which comprise the \$68,000,000 permanent headquarters of the United Nations. The latest in modern design, it is distinguished by unusual lighting effects and acoustical treatments designed by outstanding authorities. A complex communication system enables listeners to hear a speech, as it is being given, in any one of six languages by a twist of a dial. Representatives of the consulting engineers who worked on the design of the electric and mechanical equipment in the building will be on hand to explain the many interesting features.

**Harbor Radar Installation of the Port of New York Authority, Fort Wadsworth, Staten Island, N. Y.—(Wednesday morning, January 21)**—A limited number of our members will be permitted to view the equipment and witness a demonstration of the operation of the experimental radar installation whose purpose is to identify and control ship traffic in New York Harbor.

**U. S. Naval Base, Bayonne, N. J.—(Wednesday all day, January 21)**—Visitors will see the U. S. Naval Salvage School, the only one of its kind in the world where underwater welding and arc-oxygen cutting are used. Some of the vessels of the Atlantic Reserve Fleet, including the "Franklin" and the "Enterprise" will be open for inspection. The tour of the Naval Shipyard will include the drydock and associated equipment capable of handling the largest ship afloat. Another facility to be shown will be the high-frequency cooking equipment.



**DuMont Television Receiver Manufacturing Plant, East Paterson, N. J.**—(Wednesday afternoon, January 21)—An opportunity to see the manufacturing techniques and methods employed in turning out television receivers in quantity will be offered to a group of our members by DuMont. This plant was placed in operation in the fall of 1948, and is one of the largest in the United States. This tour promises to be a rare treat to those interested in the complex interior of a modern T.V. set.

**Rambusch Decorating Company, Lighting Div., New York, N. Y.**—(Wednesday afternoon, January 21)—Founded in 1890, the Rambusch Decorating Company has progressed from its original field of church painting to its present status as an outstanding specialist in the design and manufacture of ornamental and engineered lighting equipment. Here our members will find, under one roof, such diversified crafts as mural painting, sculpture, stained glass window design, cabinet making, and metal shops, as well as those involved in the production of special lighting fixtures.

**Brookhaven National Laboratory, Upton, Long Island, N. Y.**—(Thursday, all day, January 22)—The facilities at this location are operated by Associated Universities, Inc., under contract with the Atomic Energy Commission, and constitute the Northeastern center for nuclear research and development in the fields of physics, chemistry, biology, medicine, and engineering. Among the important exhibits which our members will see are the atomic pile model, cloud chamber, 60 inch cyclotron, Van de Graaf electrostatic accelerator, and the cosmotron.

**Anheuser-Busch, Inc., Newark, N. J.**—(Thursday afternoon, January 22)—The brewers of world-famous Budweiser will extend to our members the courtesy of a tour through their brand-new plant, built "from the ground up" to their own design and specifications. The buildings are of completely modern construction both outside and inside, and contain the finest electric and mechanical equipment and controls obtainable for processing operations of this nature.

**Bell Telephone Laboratories, New York, N. Y.**—(Thursday afternoon, January 22)—On this trip lectures and demonstrations will be given on switching apparatus, the basic switching plan of the No. 5 Crossbar Switching System and the recording aspects of Automatic Message Accounting. Actual switching systems equipment will be observed and demonstrated. Included in the tour will be the Automatic Message Accounting System Laboratory, the Nationwide Dialing System Laboratory, and the No. 5 Crossbar Central Office Laboratory. The Automatic Message Accounting demonstration will include the equipment used to record the data required for billing, the Ring Translator, which furnishes the number of the calling telephone, and the accounting center where the recorded data is processed through a series of automatic machines.

**SMOKER:** The Smoker Committee, under the chairmanship of C. F. Bolles, announces that the smoker will be held at the Hotel Commodore on Tuesday evening, January 20. Most tables seat 10 persons and the price of tickets, including gratuities will be \$10 per person. Requests for reservations should be sent to the Smoker Committee at AIEE Headquarters accompanied by remittances made payable to "Special Account, Secretary AIEE". Such requests must be received not later than January 6.

**DINNER-DANCE:** The dinner-dance will be held Thursday night, January 22, in the Ballroom of the Hotel Statler. Music will be by Charles Peterson. Tables for ten may be reserved in advance for parties large enough to fill them, and the Dinner-Dance Committee will arrange to combine smaller groups and individuals before the party begins. Members reserving tickets are urged to let the committee know if they wish to be seated with others who are making separate reservations.

The cost of the tickets includes tips and is \$12.00 per person. Dress will be formal. Write or call Dinner-Dance Committee at AIEE Headquarters. Make checks payable to "Special Account, Secretary, AIEE."

**LADIES ENTERTAINMENT:** The Ladies Committee under the chairmanship of Mrs. E. S. Banghart has arranged a program which should prove both interesting and enjoyable. Registration will begin Sunday afternoon at Ladies Headquarters, Conference Room 2, Statler Hotel, Monday, January 19 at 4 P.M. there will be the Get Acquainted Tea. A 9 A.M. breakfast at Altman's, for which there will be a nominal charge, starts Tuesday's events. At 2:30 P.M. a sightseeing trip through downtown section of New York, for which there will be a charge. At 7 P.M., there will be cocktails, dinner, entertainment and door prizes in the Penn Top, Hotel Statler. The charge for the dinner will be \$5.00. Requests for reservations should be sent, as soon as possible, to the Ladies Committee at AIEE Headquarters. On Wednesday a trip to the United Nations has been scheduled. There will be a 75 cents admission fee to the UN plus bus transportation. After the tour, the ladies will be transported by bus to Tavern-on-the-Green for luncheon. Thursday's events start at 12:30 with a fashion show and luncheon (and door prize) for out-of-town ladies in the Sert Room of the Waldorf-Astoria followed

by the Dinner-Dance at 7 P.M. in the Statler Ballroom. Broadcast and theatre tickets for the entire week will be available. Coffee will be served each morning.

**ETA KAPPA NU AWARD DINNER:** The Annual Recognition dinner of the Eta Kappa Nu Association for the most outstanding young electrical engineer for 1952 will be held on Monday evening, January 19, 1953. The Eta Kappa Nu plaque designating this engineer will be awarded to Dr. J. V. N. Granger of the Stanford Research Institute, Stanford, California. In addition Gustave W. Staats of the Allis-Chalmers Mfg. Co. of Milwaukee, Wisconsin and Edward O. Johnson of the R. C. A. Laboratories at Princeton, New Jersey will receive honorable mention citations.

**THEATER TICKETS:** As in the past, tickets to the following shows currently playing in New York will be available to all out-of-town AIEE members during the week of the meeting.

	Wednesday Matinee	Evenings
An Evening with Beatrice Lillie (comedy-satire) with Reginald Gardiner	\$5.40	\$7.20
Bernardine	4.80	6.00
Mary Chase's new comedy		
Dial M for Murder (drama) with Maurice Evans	4.80	6.00
Guys and Dolls (musical)	4.80	7.80
Mrs. McThing (comedy) with Helen Hays	4.80	6.00
My Darlin' Aida (musical) with Dorothy Sarnoff, Elaine Malbin	5.40	7.80
New Faces of 1952 (musical)	4.80	7.20
Pal Joey (musical)	4.80	7.80
South Pacific (musical)	4.80	7.20
The Fourposter (comedy) with Betty Field and Burgess Meredith	4.80	6.00
The King and I (musical)	5.40	8.40
The Male Animal (comedy) with Elliott Nugent, Martha Scott, Robert Preston	4.80	6.00
The Moon Is Blue (comedy) with Donald Cook, Barry Nelson, Janet Riley	4.80*	6.00
The Time of the Cuckoo (comedy) with Shirley Booth	4.80	8.20
Wish You Were Here (musical)	5.40	8.40
Cinerama (new movie technique)	3.60	4.00

\* Thursday matinee.

All prices shown are brokers' prices for orchestra seats which are always \$1.20 above box office prices. Whenever possible, tickets will be obtained at box office prices. The earlier requests will obviously have the best chance of avoiding the brokers' fees on the tickets.

Checks should be made payable to: "Theater Ticket Committee, AIEE." Requests also should include first and second choice of both name and date of show, and should be sent to: Theater Ticket Committee, AIEE, c/o Westinghouse Electric Corporation, Room 2502, 40 Wall Street, New York 5, N. Y.

Preference will be given in order of receipt to requests for seats in blocks of pairs and the committee reserves the right to reduce requests to sell-out shows to two tickets.

All ticket requests will be acknowledged promptly and, at the same time, refund will be made of any money due in excess of the price of tickets purchased.

Please do not include with theater ticket applications payment for any other item for which remittance should be made directly to Institute headquarters.

**WINTER GENERAL MEETING COMMITTEE:** Members of the 1953 Winter General Meeting Committee are: C. T. Hatcher, Chairman; A. J. Cooper, Vice-Chairman; J. J. Anderson, Secretary; W. J. Barrett, Budget Co-ordinator; M. D. Hooven, Vice-President, District 3; L. F. Hickernell, Chairman, Committee on Technical Operations; G. T. Minasian, Publicity; J. A. Parrott, General Session; J. G. Derse, Dinner-Dance; D. E. Sullivan, Inspection Trips; C. F. Bolles, Smoker; J. G. Aldworth, Theater—Radio Television; W. G. Vieth, Hotel Accommodations; H. E. Martin, Registration and Checkup; Mrs. E. S. Bankhart, Ladies' Entertainment; R. T. Weil, Monitors; J. B. Harris, Jr., Philadelphia Representative.

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