



# SOUTHERN DISTRICT MEETING

MIAMI, FLORIDA

NOV. 28-30, 1938

Headquarters: Miami Biltmore Hotel as seen below from the Golf Course



# Southern District Meeting

MIAMI, FLA.  
November 28-30

**A** THREE-DAY meeting of the Southern District of the A.I.E.E. will be held in Miami, Florida, November 28-30, 1938. Headquarters will be in the Miami Biltmore Hotel, which provides ideal facilities with many recreational advantages. The program for the meeting consists of entertainment, attractive trips, and four technical sessions. Florida offers extraordinary vacation possibilities and it is hoped that many members will prolong their stay.

## Sports

All of the equipment and grounds of the famous Miami Biltmore Hotel are at the disposal of members and guests. Located on the grounds are fast championship tennis courts, a large outdoor swimming pool, the 6,640-yard, 18-hole championship golf course, upon which the Miami Biltmore open is played each year, with its beautiful club house, and a bridle path for those who enjoy horseback riding.

Those staying at the Miami Biltmore are granted temporary membership in the Florida Year-Round Clubs. First, there is the Miami Biltmore Country Club, adjoining the hotel, with a sporty championship golf course and one of the most beautiful club houses in the country. Second, is the famous Roney Plaza Cabana Sun Club, Miami Beach, with a private beach, outdoor salt-water pool, lockers, tennis courts, tropic gardens, sun-bathing facilities, sidewalk cafe and outdoor terrazzo dance floor in a grove of coconut palms. And third, there is the Key Largo Anglers Club, 48 miles south of Miami, on one of Florida's tropical "keys"—an island for informal living and fishing.

The Miami Biltmore's fleet of "aerocars" transport guests to all resort activities in this area without charge. They run on rapid schedules, between the Miami Biltmore and Miami Beach, traversing the business and theater districts of Coral Gables, Miami, and Miami Beach, to and from Key Largo and intermediate interests southward.

## Entertainment

On Monday and Tuesday group luncheons are planned for members and guests. Monday evening a banquet for students and members will be held at which student paper awards will be made. Tuesday evening a formal banquet will be held for all members, guests, and their families. In addition to the various sports, sightseeing and bridge have been arranged for the ladies during the technical sessions. All should take their golf clubs, bathing suits, tennis rackets, or riding habits so that favorite pastimes can be enjoyed to the fullest extent.

## Side Trips

1. Arrangements have been made for two- and four-day trips to Havana at nominal expense for those who would enjoy a trip to the Cuban capital after the meeting.

2. A trip to Key West over the recently completed Overseas Highway, and inspection of the Nine-Mile Bridge and Bahia Honda Bridge, unique in their engineering and structural features, will prove interesting to many guests. Built upon the right-of-way and trestles of the Florida East Coast Railway to Key West, which was so damaged in the 1935 hurricane that it was no longer used for rail travel, this highway traverses a route over tropical, colorful waters, and provides an unusual and interesting journey not to be found in other highway travel.

3. Arrangements also have been made for those who desire to take a trip from Miami to the sugar mill and farms of the U. S. Sugar Company in Clewiston. Guests who avail themselves of this trip not only will have an opportunity to view the sugar production industry, but will pass through the rich Everglades muck land section, in which much of the winter vegetable crop is produced, and will inspect the \$20,000,000 Lake Okeechobee dyke system which was completed in 1937. This dyke, 200 feet wide at

*(continued on page 4)*

Landing a big one at the Key Largo Anglers Club.



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# PROGRAM

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## ADVANCE COPIES OF PAPERS

For the convenience of those who wish to obtain photo-offset copies of authors' manuscripts in advance of the meeting an order form is enclosed. If ordered by mail, price 10c per copy; if purchased at Institute headquarters or at the meeting, price 5c per copy. Coupon books in \$1.00 and \$5.00 denominations are available for those who wish to avoid remittance by check or otherwise. Papers not mentioned by number on order blank will not be available in advance-copy form. Some of the papers ultimately will be published in ELECTRICAL ENGINEERING or the TRANSACTIONS.

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## Monday, November 28

### 8:30 a.m.—Registration

### 10:00 a.m.—Opening Session

Address of Welcome

Response and Announcements

Illustrated Lecture: "Measuring Electrically," Everett S. Lee, General Electric Company

### 12:30 p.m.—Group Luncheons

### 2:00 p.m.—Student Session

### 7:30 p.m.—Students' and Counselors' Banquet

Student Paper Awards

## Tuesday, November 29

### 9:00 a.m.—Technical Session

120. Rural Line Protection Utilizing Coordinated Rural Protective Devices—W. H. Rollman and F. J. Guice, Memphis Power & Light Co.

121. Electrolysis and Corrosion of Underground Metallic Structures—Robert J. Kuhn, Consulting Engineer, New Orleans, La.

122. Loading Transformers by Copper Temperature—H. V. Putman and W. M. Dann, Westinghouse Electric & Mfg. Co.

123. Lightning Protection Improvements for Transmission Lines—Llewellyn Evans, Tennessee Valley Authority

### 12:30 p.m.—General Assembly Luncheon

### 2:00 p.m.—Technical Session

124. Grading the Engineer's Job—Robert H. Kirkwood, Tennessee Valley Authority

Address: "Modern Aspects of Engineering Education," Joseph Weil, University of Florida

Address: "The Southern Engineer Weighs New Problems of New Industry," Eugene O'Brien, Southern Power Journal

Address: "The Business Man Looks on the Engineering Graduate," Kendall Weiseger, Southern Bell Telephone & Telegraph Co.

### 8:00 p.m.—Banquet and Dance

## Wednesday, November 30

### 9:00 a.m.—Technical Session

125. Electrical Design of Pickwick Landing Project—E. P. Almond, Tennessee Valley Authority

126. The Mulsifyre System for Extinguishing Oil Fires—K. P. Jones, Grinnell Co., Inc.

127. Reconditioning of Insulating Oils by Activated Alumina—J. E. Housley, Aluminum Company of America

128. Shop Practise in the Repair of High-Voltage Bushings—G. F. and W. L. Stratton, Armature Winding Company

129. Generator Damper Windings at Wilson Dam—R. B. George and B. B. Bessesen, Tennessee Valley Authority

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## Rules on Presenting and Discussing Papers

Papers presented at technical sessions may be presented in abstract, presentation not to exceed ten minutes, unless otherwise arranged, or the presiding officer meets with the authors preceding the session to arrange the order of presentation and allotment of time for papers and discussion.

Any member is free to discuss any paper when the meeting is opened for general discussion. Ten minutes for prepared discussion and ten minutes for open discussion will be allowed on each paper. Those presenting written discussions will be selected from the various Sections in the Southern District. Open discussions are invited and all members should feel free to enter into them.

It is preferable that a member who wishes to discuss a paper give his name in advance to the presiding officer of the session at which the paper is to be presented. Each discussor should step to the front of the room and announce, so that all may hear, his name and professional affiliations. Three typewritten copies of discussions prepared in advance should be left with the presiding officer.

Other discussions to be considered for publication must be submitted, typed double spaced, in triplicate to C. S. Rich, Secretary, Technical Program Committee, A.I.E.E. headquarters, 33 West 39th Street, New York, N. Y., on or before December 14, 1938.



Roney Plaza Cabana Sun Club and Pool.

(continued from page 2)

the base and 20 feet at the crest, extending around approximately three-fourths of Lake Okeechobee, together with its system of locks and drainage gates, was constructed to prevent repetition of the enormous destruction of life and property which accompanied a hurricane over Lake Okeechobee in 1928.

4. Sightseeing trips over Miami, Miami Beach, Coral Gables and all points of interest in the Miami area have been arranged, and each guest will have ample opportunity to become acquainted with the beauty of Miami.

### Hotels and Reservations

Rates at the Miami Biltmore Hotel, including all privileges of Florida Year-Round Clubs, will be single rooms \$3.50 to \$5.00; double rooms \$6.00 to \$8.00. Meals at the hotel will be served at: breakfast, 50c to \$1.00; luncheon, 75c to \$1.25; dinner, \$1.25 to \$2.00. Special rates for students have been obtained at the Casa Loma Hotel, adjacent to the headquarters hotel, at \$1.00 per day, with meals at \$1.70 per day up. Students in the Casa Loma Hotel will have privileges of the swimming pool. Reservations should be made as soon as is practical by addressing the Miami Biltmore Hotel, Convention Department, Coral Gables, Florida.

### Registration

Please fill in and mail the enclosed **Advance Registration Card**, which will assist the committees making arrangements and avoid congestion at the registration desk. Please complete the registration on arrival. A registration fee of \$2 will be charged all non-members except Enrolled Students and the immediate families of members.

Tickets for entertainment features will be available at the registration desk and all members and guests are urged to procure these tickets at the time of registration.

## COMMITTEES

### General Committee

A. P. MICHAELS, Chairman

E. D. Wood, Vice-President      A. S. Hoefflin, Secretary  
Southern District, A.I.E.E.      Southern District, A.I.E.E.

E. E. George	E. F. Smith
E. F. Johnson	W. Austin Smith
M. E. Lake	Joseph Weil

### Subcommittee Chairmen

Papers Committee.....	W. Austin Smith, Chairman
Program Committee.....	J. Coleman Jones, Chairman
Finance Committee.....	J. B. Hiers, Jr., Chairman
Entertainment Committee.....	R. Y. Pool, Chairman
Hotel and Reservation Committee.....	E. F. Johnson, Chairman
Transportation and Inspection Trips Committee.....	P. J. Carlin, Chairman
Attendance and Publicity Committee.....	J. D. Preston, Chairman
Student Activity Committee.....	Edward F. Smith, Chairman
Registration Committee.....	H. V. Street, Chairman

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