

Summer and Pacific General Meeting

June 21-25, 1954

Los Angeles, Calif.

Headquarters
Biltmore Hotel



"The Stack," Los Angeles Freeway System

Photo by R. J. Noah

The Los Angeles Section, hosts for the Summer and Pacific General Meeting to be held June 21-25, 1954 at Los Angeles, extends a hearty invitation to their fellow members of the Institute and their families to meet at the world-famous Biltmore Hotel and participate in a fast-moving program of technical conferences, inspection trips and social events. We suggest you consider combining the convention with your vacation since Los Angeles offers unparalleled facilities and weather for the vacationer. Swimming and surf riding at ocean beaches, water skiing or swimming at mountain lakes, deep sea fishing, horseback riding on the many miles of riding trails, golf at a number of courses, and tennis are all available within easy driving distance of the Hotel.

Inspection trips to industrial plants, steam electric generating stations, communication facilities, aircraft manufacturing plants, and modern computer installations will supplement the program of technical papers.

Visitors will enjoy the comfortably warm days, but the evenings are cool, and the ladies will be more comfortable outdoors with a light wrap.

INFORMAL SUNDAY TEA: The early arrivals will be welcomed Sunday afternoon at an informal tea in the Biltmore Hotel Renaissance Room. This social gathering will bring together old acquaintances for a leisurely meeting in a restful atmosphere.

GENERAL SESSION: The Summer and Pacific General Meeting will be formally opened by Bradley Cozzens, General Chairman, at 10:00 A.M., Monday, June 21, 1954. He will present the Mayor of Los Angeles, the Honorable Norris A. Poulson who will extend a welcome to the visitors from out of town. Following his presentation, President Elgin B. Robertson will deliver the keynote speech and will preside. The results of the recent election of national officers will be announced and the new president presented.

Presentation of the 1953 Lamme Gold Medal to Mr. F. A. Cowan, Assistant Director of Operations, Long Lines Department, American Telephone and Telegraph Company will be made by President Elgin B. Robertson at the same meeting. This medal has been awarded to Mr. Cowan "for his outstanding contributions to long distance communication and the development of modulating and transmission measuring apparatus of original design and application."

LUNCHEONS: Mr. George C. Tenney, Vice President, District 8 will be the speaker at the luncheon on Monday. With the Diamond Jubilee of Light as a general theme he will discuss the role of electricity in the industrial development of the West. Tickets \$3.00.

At the Tuesday luncheon meeting, Mr. Walker L. Cisler, President of Detroit Edison Company, will speak on the subject, "A Realistic Approach to Atomic Power". Tickets, \$3.00.

Dr. Lee A. Du Bridge, President of California Institute of Technology will be the speaker at the Wednesday luncheon. He will discuss "What are Universities for?". The prize winners of all ten District Branch paper competitions will be introduced at this luncheon. Tickets \$3.00.

On Thursday, Eta Kappa Nu members and all others who are interested will forgather at a luncheon at Hotel Statler, Golden State Room, with Dr. Lee DeForest as principal speaker. Upsilon Chapter of the University of Southern California and Los Angeles Alumni Chapter are co-sponsors of the meeting. Tickets, \$3.00.

PRESIDENT'S RECEPTION AND BANQUET: The President's Reception will be held in the Ballroom on Thursday at 6:00 P.M., followed at 7 o'clock by the Banquet in the Biltmore Bowl. The Golf prizes will be presented at this function and a brilliant group of entertainers will add to the festive spirit of the evening. Both of these affairs are informal. However, dress is optional. The Reception—no charge. The Banquet and Entertainment—\$10.00.

EVENING ENTERTAINMENT: Evening activities on Monday and Tuesday have been planned to combine technical interest with an evening's entertainment. A trip to the NBC and CBS television studios has been planned for Monday evening, when you may see what it takes to put television pictures in your home. In addition the equipment used by Pacific Telephone in supplying television circuits to the broadcasters will be demonstrated. 7:00 P.M.—\$1.00.

Mount Wilson, with its array of television stations and the world-famous Observatory will be visited on Tuesday evening. This trip will route through suburban residential areas and will include a pleasant ride in the mountains over a high-gear highway. A box supper will be enjoyed at a location overlooking the entire valley, a mile below. 4:30 P.M.—\$4.00.

Western hospitality holds forth Wednesday evening, when the years are rolled back to the "Gold Rush Days" with a family style dinner at Knott's Berry Farm and a "roundup" of the authentic "Ghost Town" attractions that have been assembled from all over the West. This attraction is unique. Here you will find a narrow gauge railroad in operation, stage coaches carrying passengers, a gold mine that you can enter, a stamp mill in operation with a sluice box where you may actually pan gold, a general merchandise store of the vintage of 100 years ago, as well as countless relics of the pioneer days of the West. Chicken dinner \$2.50, Steak dinner—added cost, transportation \$2.50. The trip to the Farm at Buena Park, 40 miles from Los Angeles will afford a splendid opportunity to view the tremendous industrial development of the metropolitan area.

For those who do not desire to participate in these evening events, there will be information available at the Registration Desk on such alternative attractions as Olvera Street, with its genuine Mexican atmosphere, the Plaza and old Los Angeles Mission, the Turnabout Theater, with its famous Puppet Show, and a host of other attractions.

STUDENT ACTIVITIES: Competition for District 8 Student Papers will be held Monday afternoon, June 21, with prize awards at the Wednesday luncheon.

The prize winners from the remaining nine districts will also be introduced at the same luncheon.

The tour to California Institute of Technology will be of great interest to students, and trips will be arranged as the need is indicated.

Many papers to be presented at the various technical sessions will be of special interest to students and it is suggested that the program be studied for particular spheres of interest.

HOTEL RESERVATIONS: A large block of rooms has been reserved at the Biltmore Hotel, meeting headquarters, with additional facilities available at other nearby hotels as follows:

Biltmore Hotel	Single	\$ 5.50 to \$11.50
	Double	8.50 to 14.00
	Suites	18.00 to 33.00
Hotel Statler (5 blocks from Biltmore)	Single	\$ 6.50 to \$14.00
	Double	9.00 to 16.00
	Suites	19.00 to 34.00
Mayflower Hotel (across street from Biltmore)	Single	\$ 5.50 to 8.00
	Double	5.50 to 9.00
	Suites	14.00
Hotel Clark (two blocks from Biltmore)	Single	\$ 4.00 to 5.00
	Double	5.50 to 7.50

As this is the tourist period in Los Angeles, it is suggested that hotel reservations be made as early as possible by returning the "Hotel Reservation Card" sent to all members. Confirmation of reservation will be sent you by the hotels. *Do not send money to the committee.*

LADIES ENTERTAINMENT: A committee of 100 ladies, with Mrs. Ernest K. Sadler, Chairman and Mrs. Bradley Cozzens as Vice-Chairman, have arranged a program for the ladies which should make their visit to Los Angeles a most enjoyable one. The Galeria Room of the Biltmore Hotel has been reserved for the exclusive use of the ladies from Monday through Thursday. A coffee hour will be held there each morning at 9:00 A.M. All the ladies are cordially invited to use these facilities at their pleasure.

A Fashion Tea has been planned for Monday at Bullock's Wilshire store at 3:00 P.M. Buses will leave the Biltmore Hotel from 1:30 to 2:30 P.M. and leave the store at 5:00 P.M. for the return trip, allowing plenty of time for shopping in this very beautiful and exclusive shopping district. Tickets \$1.00.

On Tuesday there will be a tour through the orange grove country, to Padua Hills Restaurant, situated on an olive clad hill at the base of the Sierra Madre Mountains. Here the romance and beauty of early California and the charm of Mexico are brought vividly alive by the Mexican players, who will entertain with their gay Spanish songs and vivacious dances during the luncheon hour. Buses will leave the Biltmore Hotel at 10:00 and 11:00 A.M. The attendance at this event is limited to 200, so reservations should be made early. Tickets \$3.75.

Wednesday morning there will be a trip to Forest Lawn Memorial Park to view the famous "Last Supper" window and the awe-inspiring painting of the "Crucifixion" by Jan Styka. Buses will leave the hotel at 9:15 A.M. and return at 12:00 noon. At 1:30 P.M. buses will leave the hotel for a tour of the Huntington Library and Art Gallery, which houses many treasures of art and literature, including the original "Blue Boy" by Gainsborough. Tickets \$1.00 for each trip.

Buses will leave the Biltmore at 10:00 A.M. on Thursday for a

tour of Beverly Hills, movie stars' homes, the University of California at Los Angeles, and to the Pacific Ocean beach towns, arriving at 1:00 P.M. at the beautiful Wilshire Country Club for luncheon, followed by entertainment by Miss Lynn Blakeslee, who is a very talented concert violinist. The Luncheon Committee has arranged to have many lovely door prizes at this event. Tickets \$4.50.

INSPECTION TRIPS:

Kaiser Steel Corporation and Exchange Orange Products Company—Kaiser Steel Corporation, located at Fontana, California adjacent to the city of San Bernardino, on a 1300-acre site, is a fully integrated steel mill, the first of its type on the Pacific Coast. It is the only steel mill on the coast with its own coke oven and blast furnaces as well as open hearth furnaces and steel finishing facilities.

In addition to pig iron and coke oven by-products, it produces semi-finished and finished steels as follows: plate, large and small structural shapes; continuous weld pipe; hot and cold rolled strip, skelp, carbon and alloy bars; and foundry products. This mill produces pipe from ½-inch to 4-inch in diameter.

A complete tour of this plant by AIEE visitors should be one of the industrial highlights of the summer meeting.

Exchange Orange Products Company, located at Ontario, has a daily capacity of 1400 tons of fruit. This plant produces orange juice in various forms, orange oil, citrus molasses, orange pulp, pectin and other essential oils used in food, beverage and pharmaceutical industries. 1,200,000 gallons of frozen concentrated orange juice were produced during 1953.

Operating at capacity, the plant in the inspection, washing and processing of the fruit, will consume 3,000,000 gallons water, 2,700,000 pounds steam, 1000 KWH electrical energy, 4,000,000 cu. ft. natural gas and 450 gallons fuel oil per day.

The combined trip to Kaiser Steel Corporation, Fontana and Exchange Orange Products Company, Ontario, Monday, June 21st, 1:30 P.M.—\$2.50.

Pacific Telephone Grand Toll Building—Pacific Telephone is opening its Grand Toll Office for two conducted tours in small parties. Both tours can be completed in the same morning or afternoon. To be viewed during the first will be the latest facilities for transmission, monitoring and control of intercity monochrome and color television images, audio programs and telephone messages. Transcontinental Microwave Radio Relay and L-1 coaxial cable carrier terminals will be featured.

The second tour will allow inspection of a recently completed six and one-half million dollar toll dialing project. Aimed ultimately at nation-wide customer toll dialing, this system at present permits toll operators to rapidly complete connections by dialing directly to distant telephones in major cities throughout the United States. Dialing both to and from Southern California takes place in this manner. The 4A Crossbar Switching Machine is the heart of the system.

These tours will be daily, starting Monday afternoon, June 21st, and running through Friday morning, June 25th. Sixteen trips are scheduled. There will be no charge for these tours.

	Mon.	Tues.	Wed.	Thurs.	Fri.
9:00 AM	—	TV	TV	TV	TV
10:30 AM	—	4A	4A	4A	4A
1:30 PM	TV	TV	TV	TV	—
3:00 PM	4A	4A	4A	4A	—

CBS—NBC TV Studios and Pacific Telephone TV Center—The major television networks have recently completed new West Coast Studios featuring the latest developments in television program production. From these studios originate the transcontinental shows starring Hollywood motion picture celebrities. A tour of CBS Television City and a tour of NBC Television Studios have been arranged. In both studios scenery, lighting, cameras and control equipment will be on view. Methods of preparing scenery and stage "props" will be shown and operation of the control booth part of studio technical operation and production will be demonstrated.

Each of these tours is combined with a trip through Pacific Telephone's Hollywood Television Center where monitoring, testing and amplifier equipment will be displayed. Mobile television trucks equipped with microwave radio system for remote pick-up of television programs will be shown. This center is the Hollywood terminal for microwave system carrying television programs to the Mount Wilson station for broadcasting. Operation of these systems will be demonstrated.

The combined trip of CBS—NBC and Pacific Telephone TV Operating Center, Monday, June 21st, 7:00 P.M.—\$1.00.

Continued on page 7 of program section