

He joined the Society in 1935 and was made a Fellow in 1947. He was a member of the Standards Committee from 1937 to 1948. He is an Honorary Life Member of the Photographic Society of America and was made a Fellow in 1967. He was awarded the Standards Medal of the American Standards Association in 1961.

He now resides at 26 Hotchkiss St., Binghamton, NY 13903.



C. E. Heppberger

C. E. Heppberger, a Life Fellow of the Society, retired on August 1969 as Technical Representative of Union Carbide Corp., Carbon Products Div., in Chicago. He was graduated from Ohio State University in 1931 with the degree of Bachelor of Science and he attended the Akron Law School from 1933 to 1935. He joined National Carbon Co. (the predecessor of Union Carbide) in 1941 where he specialized in the field of motion-picture and television lighting and in the application of carbon arcs for motion-picture projection. Among other projects in which he engaged for Union Carbide were included accelerated testing of paint, plastics, rubber and dyestuffs; irradiation of milk and the activation of vitamin D in ergosterol.

During World War II he served in the U.S. Navy as an officer attached to the Bureau of Aeronautics, Central District, as Officer in Charge of the Contract Administration Section. He served later as District Contract Officer.

He joined the Society in 1942 and became a Fellow in 1952. His activities in behalf of the Society include service on the Honorary Membership Committee, Vice Chairman of the Papers Committee and Chairman of the Film Projection Practices Committee. He was Local Arrangements Chairman for the Society's 71st Conference and Program Chairman for the 77th Conference, both in Chicago, and Program Chairman for the 84th Conference in Detroit. He is the author (with E. A. Bowen) of "Carbon Arcs for 16mm Film Projection" in the October 1964 issue of the *Journal*.

Mr. Heppberger is now "retired" at 511 Lake Shore Dr., Lessburg, FL 32748, where he spends his time fishing on Lake Harris, playing bridge and attending to chores around his new home.



TORONTO, Mar. 18—The Section met in the Photographic Arts Building at the Ryerson Institute of Technology. Principal speaker was Ted Litwin, of Canadian Kodak Co., who presented a paper on "Jet Anti-Halation Backing and Its Removal From Film During Processing." The paper dealt with the light-absorbing layer which prevents unwanted exposures due to reflection from the back of the support which is a part of many color motion-picture films. One type, known as "rem jet" is removed during processing. The presentation included a discussion of the physical and chemical properties of the layer and the techniques of removal.

Following presentation of the paper, a tour of Ryerson's new Photographic Arts Building was conducted by the School's director, Elvino Sauro. The Photographic Dept. has a student enrollment of 500. The motion-picture facilities include control rooms, theater, sound mixing, animation and editing.—A. R. MacGregor, *Secretary-Treasurer* (Ontario Dept. of Education), 1670 Bayview Ave., Toronto 17, Ont.

FLORIDA/CARIBBEAN, Feb. 17—The meeting was held at the Rocky Graziani Restaurant in Miami. The evening program included dinner and a social hour, attended by 64 members; 11 more came for the meeting. Speakers were Charles H. Reed of CBS and Joe Hendrick of Motorola who, together, gave a demonstration of the EVR system. The presentation was well received by all the members, but some thought the quality of the material chosen for the demonstration was rather poor. The equipment was fine—just the quality of the cassette material was poor.—Oscar Barber, *Secretary-Treasurer*, (Cinetorial Inc.), 1998 N.E. 150 St., North Miami, FL 33161.

FLORIDA/CARIBBEAN, Mar. 17—The meeting was held at the Playboy Club in Miami with an attendance of 48. Frank Eberhardt of Eastman Kodak Co. spoke on the TV Film Preview Room. The presentation explained the results of a joint research program by Eastman Kodak Co. and Canadian Broadcasting Corp. for establishing film standards for television broadcast. The functions of a television film preview room, its design and equipment were discussed. A lively discussion ensued and no questions were left unanswered. Many members continued to ask for information from the speaker after the meeting was concluded.

Plans instituted for a fall meeting at Disney World in Orlando, Fla., gained approval from nearly all in attendance. Most of the members favored a pre-meeting social hour and dinner as they look forward to a period of fellowship as well as the meeting.—Oscar Barber, *Secretary-*

Treasurer, (Cinetorial Inc.), 1998 N.E. 150 St., North Miami, FL 33161.

WASHINGTON, D.C., Apr. 6—A joint dinner meeting cosponsored by the Washington, D.C., Section, the Washington Chapter of SPSE and the Capital Chapter of NMA was held to discuss environmental problems of photochemical processes. The meeting was held at Sardo Hall in Forestville, Md. Speakers were Donald E. Neil of E. I. du Pont de Nemours & Co.; Gerald C. Alletag, Metacommet, Inc.; and Lloyd West, Eastman Kodak Co. Topics were (Dr. Neil) Instrumentation for Pollution Abatement; (Mr. Alletag) Truth in Pollution Abatement and (Dr. West) Methods of Reducing the Waste Load of Photographic Processing Effluents. Some proposed and established solutions to environmental problems were discussed including available facilities and instrumentation to eliminate photochemical pollution. The meeting was attended by 121 persons.—Arthur L. Foster, *Secretary-Treasurer*, (U.S. Dept. of Agriculture), 7115 24th Ave., Hyattsville, MD 20783.

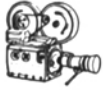
ROCHESTER, Apr. 8—The meeting was held at the Upstate Medical Center in Syracuse, N.Y., where an interesting program exploring educational motion-picture and TV applications in medicine was given. This was the second annual excursion of the Rochester Section to Syracuse and some 60 members traveled from Rochester to Syracuse by bus. About 90 persons attended the meeting. Robin Sanderfur, who is Coordinator of Educational TV for the State University of New York, gave a presentation on the use of color motion-picture films and TV equipment to assist in diagnosis and surgery at the University Hospital and for medical education. Color TV recordings illustrating the applications were shown on a large screen by optical projection. A dinner was given before the meeting at the LeMoyné Manor in Syracuse. The Arrangements Chairman was J. P. Wiggin.—R. K. Schafer, *Secretary-Treasurer*, (Eastman Kodak Co.), 315 Highland Ave., Rochester, NY 14620.

SAN FRANCISCO, Apr. 13—The meeting was held at Ampex Corp. in Redwood City, Calif. Robert Atchison of Ampex Corp. spoke on factory-testing of videotape recorders and other broadcast equipment. He gave a well-illustrated presentation describing automated test procedures employed during all stages of manufacture of complex videotape broadcast equipment. Eventually some of these computerized techniques will be available to the user for on-premise trouble shooting and alignment. We had the opportunity of seeing actual test stations and typical problems. The meeting was pre-

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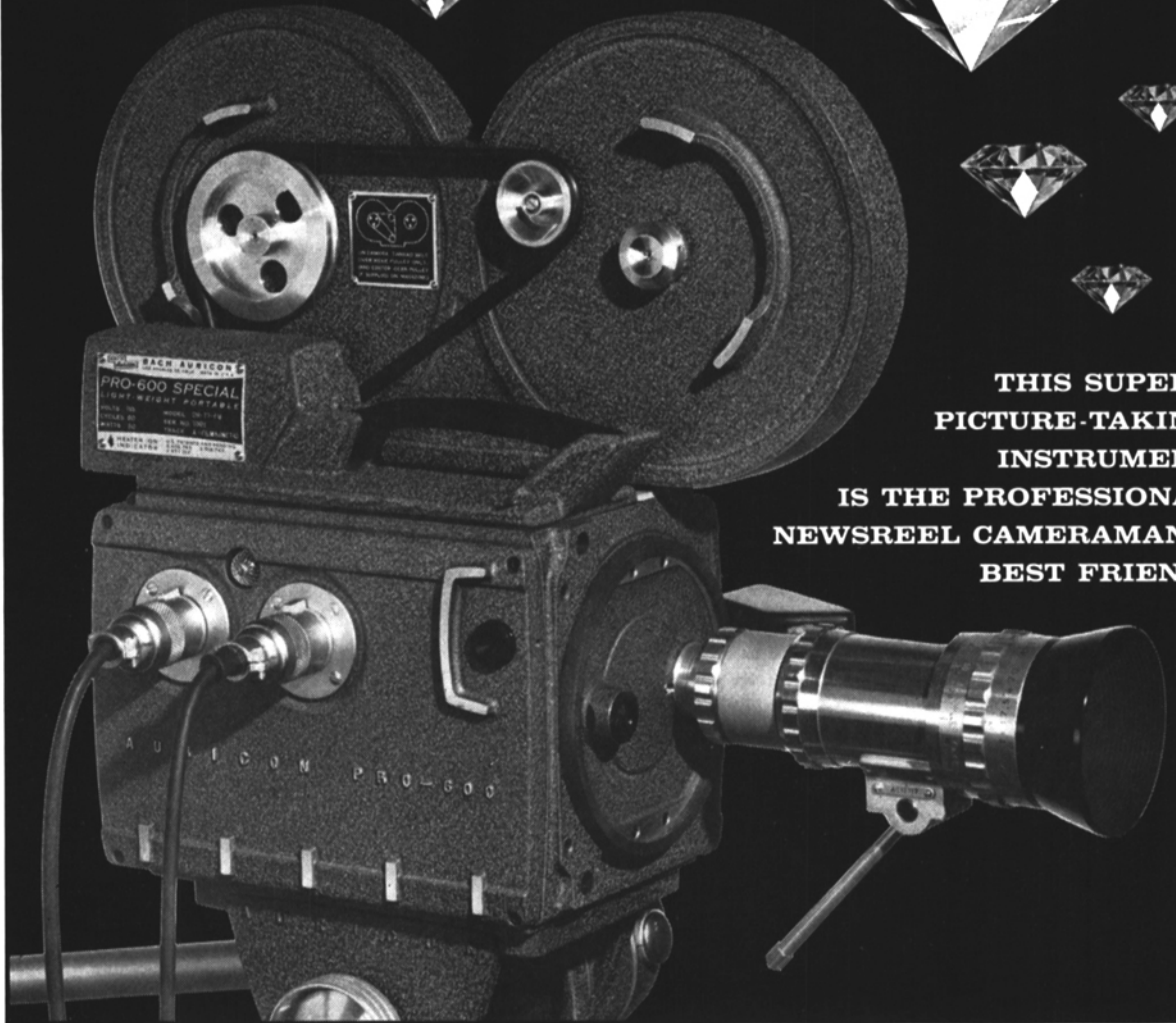


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ceded by cocktails and dinner at the Golden Platter Restaurant in San Carlos.—Joe Semmelmayr, *Secretary-Treasurer*, (Eastman Kodak Co.), 3250 Van Ness Ave., San Francisco, CA 94119.

BOSTON, Apr. 14—The meeting was held at the Statler Hilton Hotel in conjunction with the SPIE Holography Seminar. Guest speaker was Dennis Gabor, Professor Emeritus of Applied Electronic Physics of the Imperial College of Science and Technology in London, who developed the technique now known as holography. He is now affiliated with CBS Laboratories in Stamford, Conn. Prof. Gabor had a pessimistic view of possible public acceptance of holographic (3D) television, even if the technical problems were solved. He suggested that sound holograms may replace x-rays as perhaps "to be holography's finest hour." The meeting was attended by 215 persons.—Robert A. Rubenstein, *Secretary-Treasurer*, (RCA Computer Systems Div.), 28 Clearview Dr., Framingham, MA 01701.

CHICAGO, Apr. 20—The meeting was held at the Ampex Video Institute, preceded by a Managers' dinner meeting at Landers Chalet Restaurant. Speakers were James Crooks, Director of Ampex Video Institute, and Andrew Bolla, Manager, Technical Support. Mr. Crooks explained how students are taught to use closed-circuit TV properly. Instruction in camera work, directing, editing and related activities is given. He demonstrated some practical uses of closed-circuit TV, using some taped programs. Mr. Bolla explained how students are taught to service television and videotape equipment. The program was well planned and quite impressive. An audience of 40 heard the speakers.—Matt Herman, *Secretary-Treasurer*, (Geo. W. Colburn Lab), 9104 Birch Ave., Morton Grove, IL 60053.

DENVER, Apr. 20—A joint meeting of the Denver Section and the Rocky Mountain Motion Picture Association was held at the Radison Denver Hotel. The meeting was arranged by Marshall Faber, Chairman of the Denver Section, and Bob Tankersley, a Manager, both of whom are members of the RMMPA, to hear a report from the Governor's Advisory Committee on Motion Pictures and Television. Members of the Committee who presented the report were: Karol Smith, Canon City Chamber of Commerce; Ben Avery, KBTV; Duke Dunbar, Attorney General of the State of Colorado; and Harold McCormick, Representative, Colorado Legislature.

The purpose of the meeting was to discuss the functions and aims of the committee which has been appointed to promote Colorado as a location state for motion-picture and television production. The Colorado Legislature has appropriated \$30,000 for the committee to use in its promotion. Another purpose of the meeting was to offer the services of the members of the Denver Section in using their expertise to assist the committee in its promotion activities. Questions were asked of the committee and a better understanding of its work was brought about. The Denver Section Chairman volun-

teered to appoint a committee to work with the Governor's Committee and suggested that a committee also be appointed by the RMMPA and local SAG representatives.—Lester Dunn, *Secretary-Treasurer*, (KBTV), 2199 S. Field Way, Lakewood, CO 80227.

DALLAS/FORT WORTH, Apr. 22—The meeting was held in the 20th Century-Fox Preview Room in Dallas. Paul Adair, a private collector of 35mm motion-pictures, discussed his hobby. He has 226 feature films and 60 cartoons in his collection. Highlight of the meeting was a showing of *Yankee Doodle Dandy*, an Academy Award Winner of 1941 for Best Picture and Best Actor. Fourteen members and guests were present.—Franklin R. Reiniking, *Secretary-Treasurer*, (Eastman Kodak Co., Motion Picture and Educational Markets Div.), 6300 Cedar Springs Rd., Dallas, TX 75235.

NASHVILLE, Apr. 22—The meeting was held at Vanderbilt University's Arthur J. Dyer Observatory. Dan McCarthy of Perkin-Elmer Corp. gave an informative lecture on the Stratoscope II program. The program involves raising a 36-in telescope by a balloon to 80,000 ft for undistorted astronomical observations. Of particular interest were the descriptions of the on-board television and film recording and orientation systems. Mr. McCarthy's talk was supplemented by 35mm color slides illustrating various phases of the program. The observatory staff gave demonstrations of the observatory's 24-in telescope. The 24 members and guests attending the meeting were given the opportunity of viewing several star clusters.—John F. Swanson, *Secretary-Treasurer*, (WLAC-TV), 2601 Lincoya Dr., Nashville, TN 37214.

ATLANTA, Apr. 29—The meeting was held at WAGA-TV studios in Atlanta. Dick Rex of International Video Corp. discussed the IVC helical-scan video recorder during an all-day demonstration. He explained the recorder and showed examples of what can be done with the equipment. About 40 members and guests attended.—Gerald M. Crowder, *Secretary-Treasurer*, (Provence Productions, Inc.), 467 Armour Cir., N.E., Atlanta, GA 30324.

DETROIT, May 5—The meeting was held in McGregor Bldg. at Wayne State University. Twenty-five members and guests were present. The speaker was John F. Wohler of the Applied Optics Laboratory of Chrysler Corp., whose topic was Current Status of Image Intensification. Dr. Wohler discussed image intensification systems which far exceed the ability of the human retina to convert light to electrical energy. His presentation reviewed various techniques, including visual light conversion in multi-state intensifier tubes having luminosity gain of 100,000 and resolution capability greater than the eye. He also covered direct and remotely viewed applications with emphasis on the current status and general characteristics of image intensification. The presentation was followed by a question-and-answer period.—R. L. Renaud, *Secretary-Treasurer*,

(Browne Renaud Associates, Inc.), 2820 W. Maple Rd., Troy, MI 48084.

SAN FRANCISCO, May 11—The meeting was held in the auditorium of W. A. Palmer Films, Inc. Walter Kisner and William A. Palmer gave a joint presentation on The Impact of Glamorous Presentation in Motion Pictures of the Twenties. The evolution of motion-picture presentation from the store-front nickelodeon to the elegant "cathedrals of cinema" was traced. The program included a display of early motion-picture equipment. The evening was concluded by the showing of a Will Rogers comedy complete with organ accompaniment provided by Don Frank. Sixty members and guests attended the meeting. A dinner for 22 was given at Hoffmans preceding the meeting.—J. A. Semmelmayr, *Secretary-Treasurer*, (Eastman Kodak Co.), 3250 Van Ness Ave., San Francisco, CA 94119.

BOSTON, May 12—The meeting was held at the Arthur D. Little auditorium in Cambridge. Sheldon Phillips of Eastman Kodak Co. gave a talk on Underwater Photography. Mr. Phillips described the production of the large mural transparencies of underwater scenes that are displayed in Grand Central Station in New York. Slides and motion pictures of the project work were shown. Also exhibited was a NASA film of the geological use of pictures from satellites. Mr. Phillips had worked on the film. The meeting was attended by 45 members and guests. Fifteen students from the Franklin Institute in Boston attended the meeting.—R. A. Rubenstein, *Secretary-Treasurer*, (RCA Computer Systems Div.) 28 Clearview Dr., Framingham, MA 01701.

ATLANTA, May 14—The meeting was held at WAGA-TV studios. Highlight of the meeting was a demonstration of the Philips PCP 90 Color Field Pack Camera. Gino Nappo of Philips Broadcast Equipment Corp. demonstrated and explained the camera and showed videotapes to show its versatility. It is a compact, portable handheld camera used in remote areas and also used to tape programs and commercials using film techniques. About 15 members and guests attended the demonstration.—G. M. Crowder, *Secretary-Treasurer*, (Provence Productions, Inc.), 467 Armour Cir., N.E., Atlanta, GA 30324.

WASHINGTON, D.C., May 17—The meeting was held at the National Academy of Science. The speaker was Lt. Col. Thomas Gavey, an extremely knowledgeable and fascinating speaker on motion pictures and television. His topic was "My View of TV From Inside the Box." He discussed the psychological, sociological and technical aspects of television and gave a demonstration of TV recording techniques, comparing them with motion-picture production techniques. He generated a great deal of audience interest and discussion on the future direction of closed-circuit and pay television in both civilian and military applications. The meeting was attended by 25 members and guests.—Arthur L. Foster, *Secretary-Treasurer*, (U.S. Dept. of Agriculture), 7115 24th Ave., Hyattsville, MD 20783.