



The International Commission on Illumination (CIE)

History

The International Commission on Illumination (Commission Internationale de l'Éclairage) was founded in 1913 in Paris, France, with the intent of providing an international forum on all phases of lighting and to promote standardization in methods of measurement and nomenclature in areas related to this field. The administration and working details of the CIE are conducted from a Central Bureau located in Paris. The Permanent Deputy Secretary at the Central Bureau is Jean J. Chappat. The CIE is an autonomous organization which has grown out of the interest of individuals working in illumination. At present the CIE comprises 29 member bodies composed of National Committees on Illumination from 30 countries.

The U.S. National Committee has as President, L. E. Barbrow, National Bureau of Standards, Washington, DC 20234; as Vice-President, R. T. Dorsey; as Secretary, H. K. Hammond III; and Treasurer, L. C. Twichell.

In addition to the national committee members of the CIE there are eleven individual local representatives in countries which have no national committee.

Aims and Purposes

The overall aims of the CIE are: (1) To promote by all appropriate means the study and practice of the science and art of lighting throughout the world; (2) To provide for the interchange of lighting information between different countries; and (3) To develop and publish international agreements in the field of lighting. The CIE works closely with other international organizations. It collaborates with the International Organization for Standardization but only to the extent of preparing the scientific and engineering background. The CIE does not make specific proposals.

General Accomplishments

Plenary Sessions of the CIE are held every four years. The last Plenary Session was held in Barcelona, Spain, and the forthcoming one will be held in 1975 in London, England. There are 23 Technical Committees and four Study Groups now in operation. The Secretariat Countries for the committees are: France, Canada, United States, Japan, Germany, Denmark, The Netherlands, Australia, Great Britain, Belgium and Italy; for the Study Groups: Sweden, South Africa, Czechoslovakia and France. The Technical Committees undertake the study of questions in which a close collaboration between experts of the CIE in different countries and sometimes between the CIE and other international organizations furthers the solution of common problems.

CIE publications include the *Proceedings* and other documents. Among recent publications are: *International Lighting Vocabulary* (3d ed.); *Principles of Light Measurements*; and *Colorimetry: Official Recommendations of the CIE*.

Lawrence W. Davee Retires

Lawrence W. Davee retired 31 December as President of Century Projector Corp. after 35 years with the company. His successor is Jack Baer who became President and Chief Executive Officer of the company on 1 January.

Mr. Davee, a native of Foxcroft, Maine, was graduated from the University of Maine with the Bachelor of Science degree in engineering. He began his career in Bell Telephone Laboratories and then went to Fox Films where he became involved with "talking pictures." Mr. Davee and his associates at Fox have been credited with a number of sound recording developments which represented a considerable advancement at that time. In 1939 he joined Century Projector Corp. as Sales Manager and Chief Engineer. He was elected President of Century in 1959.

He will continue to serve Century in a consultant capacity.

A new SMPTE Section to be known as the Philadelphia Section consists of the geographic areas of the states of Pennsylvania and Delaware and the southern and western parts of New Jersey. The first organizational meeting was held on 19 December.

A course on films for children will be offered for the first time at the University of Southern California beginning with the spring semester, according to a recent announcement. A graduate-level course, it will be taught by Richard Harnetz who is a Senior Lecturer for the USC Division of Cinema. Mr. Harnetz was formerly President of the UNESCO-affiliated Center of Films for Children headquartered in Los Angeles and he is presently a member of its board of directors. He was a member of the UNESCO jury at Spain's International Festival of Films for Children in Gijon last summer and was also the American delegate to conferences on children's films in Madrid and in La Bourboule, France. The USC course will include the screening of various American- and foreign-made motion pictures and shorts produced especially for children.

The Modern Optical Systems and Practices course will be given 5-16 May at the Tanque Verde Guest Ranch in Tucson, Ariz., by the members of the faculty of the Optical Sciences Center of the University of Arizona. The purpose of the course is to acquaint both the specialist and nonspecialist engineer or scientist with the latest techniques in the design and engineering of optical systems. Central to the course will be discussion of methods of optical design and image analysis. In support of the general subject of system engineering there will be discussions of detectors and scanning systems, methods of fabricating the testing of optical components, and some details of the tolerancing and specification of complete systems. Further information is available from Prof. W. L. Wolfe, Optical Sciences Center, The University of Arizona, Tucson, AZ 85721.

RCA Corp. has established the Career Scholarship Program for the children of its employees. The program provides for 20 to 25 scholarships for high school graduates planning to pursue trade, vocational or technical careers. The courses covered by the scholarships run up to two years and the students

must attend accredited vocational-technical institutions or junior colleges offering vocational-technical courses. The program will begin with the 1975-76 school year and will be administered by the Educational Testing Service of Princeton, N.J.

For Sale, a 2½-min animated super-8 color film produced by Eric Goldberg, a 19-year-old sophomore at Pratt Institute, has won the Grand Scholarship Award in the 1974 Kodak Teenage Movie Awards. The Teenage Movie Awards competition is sponsored by Eastman Kodak Co. in cooperation with the University Film Foundation and the Council on International Nontheatrical Events. Other award winners include 11-year-old Richard N. Miller for *The Junior American Dream*; 15-year-old David M. Daniels for *The Duchy of the Frog*; 17-year-old David A. Silverman for *The Louisiana Purchase*; and 19-year-old Carl Willat who used time-lapse photography to study real snails in their own time frame.

State-of-the-art video technology affecting the future of the performing arts will be demonstrated 28-30 January in the New York Public Library at Lincoln Center. The exhibition has been arranged by the Media Development Department of Lincoln Center, 1865 Broadway, New York, NY 10023, to coincide with the annual meeting of the American Assn. for the Advancement of Science. Admission is open to AAAS members or by invitation of the Media Development Department. The exhibit will be divided into four general categories—pickup, storage, transmission and display. Pickup devices include solid-state TV cameras that fit in the palm of a hand; image intensifiers that enable a television camera to operate in starlight; and remote-controlled camera heads that can be placed in hitherto inaccessible positions. Storage components to be displayed include home videodiscs the size of a phonograph record but capable of playing a complete color television program with stereo sound; and frame grabbers that enable the viewer to select any one of 1800 different pages of information transmitted each minute on a single television channel. The transmission category includes cable and pay television, video transmission by laser, quadraphonic television sound and satellite communications. The display exhibits will include projection television, video printing and thin, flat-screen display systems.

Hope Reports AV-USA 1973-1974 has been announced by Hope Reports, 919 S. Winton Rd., Rochester, NY 14618. The new volume notes that there are more than 4,500 suppliers to the audiovisual industry and more than half a million identifiable users. The largest segment of the supplier group is that of 2,000 film producers followed by 1,100 manufacturers. The four largest user groups are those of churches and synagogues (150,000), community agencies (143,000), schools (127,000) and business and industrial firms (100,000). The smallest group listed is that of Federal government agencies (45) which have high per-unit buying records. The new book has more than 100 tables and graphs; the 1972 edition had 63. Thirty new tables touch such topics as videotape productions and costs, videocassette sales, and tables of audiovisual product categories showing sales of individual products within each category.