

news and reports

99th Technical Conference and Equipment Exhibit May 1-6, Sheraton Park Hotel, Washington, D.C.



The Sheraton Park Hotel, Washington, D.C., site of the 99th Semiannual SMPTE Technical Conference and Equipment Exhibit.

Fifty years after its founding in Washington, D.C., the Society of Motion Picture and Television Engineers (née the Society of Motion Picture Engineers) returns to its birthplace to begin its Golden Anniversary celebration with the 99th Technical Conference and Equipment Exhibit.

The leaders in motion-picture and television science and technology will gather at this milestone Conference to present papers on the latest developments in the industry, and thus emphasize the tremendous growth of the field and the parallel growth of the Society.

Papers Program

A comprehensive papers program is now being organized by Program Chairman **Arthur L. Foster** with the help of his respective Topic Chairmen. The Advance Program of the technical papers will be published in the March SMPTE *Journal*.

According to Chairman Foster, because of the historical nature of the 99th Conference, a special report on the work of the SMPTE Historical Committee will be presented by Glenn E. Matthews, now retired from Eastman Kodak Co., Committee Chairman. In addition, an evening of historical films from the collection of the Library of Congress is scheduled, with the possible participation of the National Archives and the Smithsonian Institution (see January 1966 *Journal*, p. 43).

A sample of papers which have been received for Conference presentation includes:

A New Continuous Additive Printer for High-Speed Production; Laser Television System; Production Processing of 16mm Type 7270 Color Internegatives Using Viscous Processing Techniques; New Make-Up Materials and Procedures for Color Mediums; Long Haul Television Signal Transmission; Progress Report on Improvements in Plumbicon Performance; The Norelco Plumbicon Camera Chain—Model PC 70; Motion Pictures and Education in Eastern Europe; Photometers for Color Printers; and Electric Motor Drive Systems for Motion-Picture Sound.

Report of 7th International Congress on High-Speed Photography

A review of the 7th International Congress on High-Speed Photography, held at Zurich, Switzerland, last September, is planned for two sessions at the 99th SMPTE Conference.

According to Chairman **Max Beard**, U.S. Naval Ordnance Lab, Silver Spring, Md., National Delegate from the United States, there will be a summary of many of the most notable papers and the reporters will give impressions of the Congress for those who did not attend. Speakers who will report on the Congress are:

Morton Sultanoff, Ballistic Research Labs, Aberdeen Proving Ground, Md.

W. F. Mantey, Eglin AFB, Fla.

William G. Hyzer, Consulting Engineer, Janesville, Wis.

Dr. Francis D. Harrington, Naval Research Lab, Washington, D.C.

W. G. Chace, Cambridge Research Lab, Bedford, Mass.

Bernard E. Drimmer, Bureau of Naval Weapons, Dept. of the Navy, Washington, D.C.

P. L. Clemens, Arnold AF Station, Tenn.

Dr. Paul D. Flynn, Frankford Arsenal, Philadelphia, Pa.

Dr. Walter P. Dyke, President, Field Emission Corp., McMinnville, Ore.

Dr. J. S. Courtney-Pratt, Bell Telephone Labs, Murray Hill, N.J.

Equipment Exhibit

The Equipment Exhibit of the 99th Conference has space for more than 100 equipment booths which will be situated convenient to the technical sessions. Many companies have already reserved space and if the present trend continues, all Exhibit space should be filled by Conference time.

Inquiries and applications for Exhibit space should be directed to Equipment Exhibit Chairman **Keith Lewis**, Eastman Kodak Co., 1000 Connecticut Ave., N.W., Suite 1107, Washington, D.C.

A substantial number of companies will present papers and give demonstrations of their equipment at a special session on Wednesday morning, May 4.

Highlighting the Equipment Exhibit activities will be a gala opening on Monday, May 2, when all registrants and holders of Exhibit passes will be invited to the Exhibitor's Open House in the Exhibit area.

Exhibit Schedule

Monday, May 2	5:00-8:00
Tuesday, May 3	11:00-8:00
Wednesday, May 4	9:30-4:00
Thursday, May 5	11:00-8:00

Among the first companies to sign up for Exhibit space are:

Allen Products, Inc.	Frigidheat Industries
Ameqa Corp.	General Camera Corp.
Arriflex Corp. of America	Karl Heitz, Inc.
Atlantic Films and Electronics Ltd.	Macbeth Instrument Corp.
Beckman and Whitley, Inc.	Magnasync Corp.
Behrend's Inc.	Metro/Kalvar, Inc.
Bell & Howell Co.	Motion Picture Enterprises, Inc.
Cameca	Neumade Products Corp.
Camera Mart, Inc.	Plastic Reel Corp. of America
Camera Service Center, Inc.	Prestoseal Manufacturing Corp.
DuKane Corp.	Quick-Set, Inc.
Eastman Kodak Co.	S.O.S. Photo-Cine-Optics, Inc.
Eclair Corp. of America	Zoomar, Inc.

Hotel Rates and Reservations

Members who lack a hotel registration card sent from Society Headquarters should, to be certain of staying at the Sheraton Park Hotel, write direct to the following and note that reservations are for the SMPTE Conference: *Reservation Dept.*, Sheraton Park Hotel, Washington, D.C. 20008. The rates are:

Single Room and Bath — per day		
\$9.85	\$12.50-14.50	\$16.50
Double Room (Twin Beds) and Bath — per day		
\$13.85	\$16.50-18.50	\$20.00
Two Room Suite — per day		
\$20.00	\$25.00-30.00	\$35.00
Three Room Suite — per day		
	\$55.00	\$65

New Building Code for New York Motion-Picture Theaters

A proposed new building code for the City of New York, expected to be enacted before the end of this year, will favorably affect the construction of new motion-picture theaters. The Polytechnic Institute of Brooklyn has been assigned to the overall writing of this code. The office of Frederick G. Frost Jr. & Assoc. has been assigned to the architectural aspects and Ben Schlanger, Architect, has been assigned to the portions of the code dealing with theaters and places of assembly.

Article A-7 of this code, known as Places of Assembly, will include all details affecting motion-picture theaters. The new code makes a distinct separation between places of assembly wherein scenery and scenic elements are used on a stage and places of assembly not having stages using scenery. Motion-picture theaters will be in the latter category. The present code, en-

acted in 1938, does not make this distinction for motion-picture theaters having a capacity of over 600 seats, thereby causing unnecessary restrictions. The new code recognizes that in emergencies stage theaters must be emptied in a shorter time than assembly places without scenery, such as motion-picture theaters.

The new code's provisions will prohibit the use of inflammable (nitrate) film similar to those of the present code, unless special provisions, are made for all projection rooms. The new code recognizes that almost all film now projected in theaters is of the safety type, and therefore includes more lenient requirements for film projection. Fire protective shutters will no longer be required; the size of projection and observation portholes will not be limited. Nor will glass be required in portholes. Elimination of glass from portholes becomes a possibility with proper acoustic treatment of the projection environment and the throat of the portholes, thereby making it possible to conserve about ten percent of the projection light source.

Advance Registration

SMPTE members will again be afforded the convenience of advance registration for those planning to attend the full week of the Conference. This service is particularly helpful for those who plan to attend sessions on Monday morning and wish to avoid standing in line at the Registration Desk. Advance Registration forms are being mailed to all members; more are available from SMPTE Headquarters. The rates are:

Member, weekly	\$10.00
daily	4.00
Nonmember, weekly	15.00
daily	5.00
Military personnel (in uniform), weekly	5.00
daily	3.00
Ladies, weekly	5.00
daily	1.50
Get-Together Luncheon	5.00
Cocktail Party, Banquet, Dance	16.00

Nonmembers of SMPTE who are members of the Society of Photographic Scientists and Engineers, the Society of Photographic Instrumentation Engineers, or the Audio Engineering Society, may register at the SMPTE member rate.

New SMPTE Sustaining Member

Ambassador College, 363 Grove St., Pasadena, Calif. 91105

Ambassador College is a four-year liberal arts educational institution with sister colleges at Big Sandy, Texas, and Bricket Wood, near London, England. Ambassador College sponsors the world-wide radio broadcast, *The WORLD TOMORROW*, and is planning the production of educational television programs of international interest.

Address inquiries to: Norman A. Smith, Audio-Visual Director, at the address above.

Location of projection equipment becomes optional and only one exit door from the projection space will be required. A 2-ft-wide clear passageway will be required around and between all projection equipment and the projectors. Ventilation directly connected to projector lamphouses and directly to the outdoors will still be required for all lamphouses emitting harmful gases. Projection engineers of the leading film theater circuits have been called upon to make recommendations for the new code.

The importance of the new building code is especially evident when it is considered in relation to new trends in theater design and new approaches to the construction of motion-picture theaters. A group of papers from the Cinema Design session of the Montreal Conference will appear in the March issue of the *Journal*. This group will include a paper by Ben Schlanger, who is one of the experts selected to assist in writing the code. Other papers in the group deal with international trends in cinema design.