

# 107th Technical Conference and Equipment Exhibit

April 26 — May 1

Drake Hotel

Chicago



Program Chairman **Leonard F. Coleman** has announced that plans for the 107th Technical Conference and Equipment Exhibit are in the final stages. The number of papers submitted thus far almost fills the time available for them. Papers will be presented in the following sessions: Laboratory Practices, Education, Cinematography and Motion-Picture and Television Engineering.

A few titles of papers submitted are: Commercial Super 8 Prints: A System Sharpness Calibration; Multi-format Motion-Picture Format Evaluation; A New Light Meter; Obtaining Good Projected Image Brightness; Parameters for Optimum Magnetic Sound Transfer on Super 8 Print Film; Sound Equipment for Television Studios; Treating Photographic Wastes; Color Tone Adjustments in Color Television; and Flicker-Visibility Thresholds.

One of the highlights of the 107th Conference Program will be a paper presentation and demonstration of Electronic Video Recording (EVR) by Dr. Peter C. Goldmark, President of CBS Laboratories, Stamford, Conn.

Another special session will be held on systems and films used for the education market. Many educational corporations concerned with educational television, learning systems and computers as well as various school systems and universities will participate.

Program Chairman Leonard F. Coleman can now be reached at Eastman Kodak Co., Southwest Region, 6300 Cedar Springs Rd., Dallas, TX 75235. His telephone number is (214) 351 3222.

Authors are reminded that the deadline for the submission of manuscripts (the original and three copies) is March 9. Beginning with the 107th Conference, preprints will not be provided at the conference. Instead, a booklet containing the complete synopses of all papers will be given to each weekly registrant. This booklet can be purchased by daily registrants or by those not attending the conference. One of the reasons for this is that not enough papers have been received early enough before a conference to be pre-printed. Diagrams can be included in synopses.

The complete program of paper abstracts within sessions will be shown in the *March Journal*.

Arrangements Chairman **Denis H. G. Howe** reports that he and his chairmen have made final arrangements with the Drake Hotel for the Get-Together Luncheon, Banquet, session and meeting rooms. He urges early registration for Conference and hotel accommodations. Hotel reservation cards are being sent out from Society Headquarters. In order to be certain of staying at the Drake, either use the reservation card or write directly to the following and note that reservations are for the 107th SMPTE Conference: Reservations Manager, Drake Hotel, Lake Shore Drive and Upper Michigan Ave., Chicago, ILL.

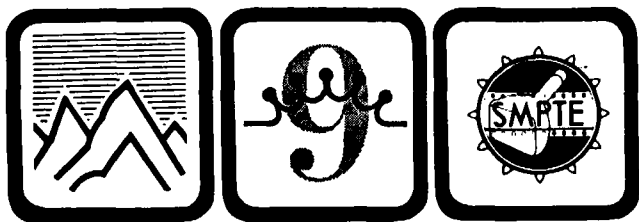
## Symposium on Film Production for Television

Special Symposium Program Chairman **Daan Zwick**, Eastman Kodak Research Laboratories, Rochester, NY 14650, has announced plans for the two-day Symposium on Film Production for Television which will be held on Thursday and Friday of the 107th Technical Conference at the Drake Hotel in Chicago.

The Symposium will include invited talks on the production of films for network entertainment programs, on the production of film commercials, on news-film photography and on the special problems of film production in the smaller, local television station. The emphasis will be on the changes which production for television requires, compared with more conventional motion film production. European practices will be described, also.

The use of special review rooms for viewing and color-balancing films intended for television, and the problem of color balance will be the subject of a panel discussion, with the intent of determining the present state-of-the-art of this topical subject. A talk on the role which the SMPTE Color Reference Test Film plays in the production of television films will complement the discussion.

A special presentation of a seminar intended to assist producers of television commercials in coping with the problems imposed by the television system will be a highlight of the first day's program. This is being produced in a cooperative effort of the television industry involving the television networks, film manufacturers, film laboratories and advertisers.



DENVER, COLORADO • AUGUST 2 THROUGH AUGUST 7, 1970

The preliminary program for the 9th International Congress on High-Speed Photography has been mailed to members and other interested persons. Congress Chairman Carlos Elmer and his committee have worked hard to plan the program and arrangements as well as the many details that are necessary for a well-run program.

A full and interesting schedule of events for families accompanying delegates has been planned. It is believed that the schedule will be of interest to older children as well as wives. Informal programs centering around the excellent 6th floor swimming pool facilities of the Denver Hilton Hotel will probably hold the attention of the younger children. All ages, of course, will enjoy Wednesday's excursion to Colorado Springs, with its western theme of cowboy and Indian lore.

The official languages of the 9th Congress are English, French, German and Russian. All technical sessions will be supplied with 4-language simultaneous interpretation services staffed by an expert team of professional interpreters.

Supplementing the simultaneous interpreters in the technical sessions will be a team of language experts stationed in the exhibit area and registration lobby to supply person-to-person translation assistance as required.

Technical papers, which will be preprinted, will include abstracts in all four languages. In addition, all papers written in a language other than English will be preprinted in both the original language and in English. All delegates will receive a full set of preprinted papers in the traditional High-Speed Congress briefcase.

Papers and resulting discussion will be published in hard-cover book form as the official *Proceedings* of the Congress.

Authors have been requested to furnish a synopsis of their proposed papers approximately two typewritten pages in length, double-spaced, giving sufficient technical details of work performed so that the program committee may evaluate it properly.

Deadline for submission of synopses was January 15, 1970. Acceptance of papers after the deadline is possible depending on subject matter and time available on the program. Deadline for delivery of completed papers, using forms supplied by the SMPTE, is June 1, 1970. Papers already submitted for the Program as of December 8, 1969, are:

Image Converter Camera — The Foticon  
Deciphering and Processing Digital Photographic Data  
High-Speed Photography and Holography Using  
Acoustic Light Deflection  
Dynamic Photoelasticity

Production de trains d'impulsions lumineuses de durée inférieure à la nanoseconde  
Zwei Multistreak-verfahren  
Hammer-throwing Techniques Analysed by High-Speed Photography  
New Techniques in Stroboscopic High-Speed Photography  
Some Applications of Low-Cost High-Speed Light Sources on Dynamic Strain Measurements  
Application of Laser and Flash X-ray Techniques in Hypervelocity Ablation-Erosion Investigations  
A Rotating Mirror Hologram Camera  
Model of a High-Speed Camera With Electrooptical Light Deflection.  
High-Speed Cinematographic Investigations of Hypersonic Wakes  
Angular Measurement of Saturn-II Rocket Design Deflection  
Experiments and Thoughts on Maximum Time and Spatial Information in a Minimum Time — Jets Observed at a Rate of  $3.10^6$  frames/s  
Photographische Untersuchung in stationärer Störungsvorgänge in einem Stosswellenrohr  
Some Applications of F-H Method  
Time Resolution Limitations in Image-Converter Streak Cameras  
New High-Speed Holographic Techniques  
Color Schlieren  
Exploding Wires as a Source of Flash X-Rays  
High-Speed Holography  
Computer Study of Prism Design  
Evaluation Lasers With Rotating Prism Cameras  
High-Speed Holography  
Applied Holography  
Nouvelle Méthode de Visualisation des Sillages Hypersoniques  
Flashlamps  
Multi-Megawatt Nanosecond Light Source

Rooms at the Denver Hilton Hotel may be reserved by completing the proper hotel reservation cards that have been mailed or by writing directly to the Denver Hilton specifying that reservations are for the 9th International Congress. Those delegates residing in foreign lands should make their reservations through local offices of Thos. Cook & Son Ltd. August is a popular month in Colorado, and early reservations are advised.

All persons attending the Congress will be supplied with badges admitting them to all functions of the Congress. Registration is all-inclusive, and there is no further requirement for participation in all Congress events, including social functions constituting official parts of the program. Complete registration fees for the week are \$90.00 for delegates and \$45.00 for accompanying persons.

Two post-Congress tours have been organized by Thos. Cook & Son for the benefit of Congress delegates and their families. Trip #1 goes by bus through the scenic Southwest to California; Trip #2 is a flying journey to the east coast, visiting many of America's historic and scenic places en route. While organized to be of particular interest to visitors from abroad, it is believed that many families from the United States will take advantage of this opportunity to enjoy a personalized tour of America with congenial companions.