



The Papers Program for the Fall Convention

The structure of the program of papers for the 78th SMPTE Convention, October 3-7, at the Lake Placid Club is being completed rapidly. Plans are well under way for four round-table discussions by leaders in the industry.

One of the highlights of the meeting will be the round table on Thursday morning, October 6, on "Problems of Network Broadcasting in Monochrome and Color," moderated by T. Gentry Veal, Chairman of the SMPTE Television Committee. This discussion will feature distinguished engineers from each of the major networks, including William Lodge, CBS; Robert Shelby, NBC; Frank L. Marx, ABC. The round table will also include talks by Frank Cowan, Long Lines Dept., A. T. & T., New York; and Phil B. Laeser, Station WTMJ-TV, Milwaukee.

In addition to this round table, several excellent papers on television practice have been scheduled, including:

"Grainless Phosphor Screens for Television Tubes and the Light Amplifier," Dr. Frank J. Studer, Research Laboratories, General Electric Co., Schenectady, N.Y.

"New Du Mont Vitascan," J. L. Caddigan, J. H. Haines and T. T. Goldsmith, Jr., of the Allen B. Du Mont Laboratories, Passaic, N. J.

Besides this important session on Television Practice, the Papers Committee is working on five other sessions under chairman supervision as follows:

1. *New Color Films, Their Properties and Uses* — G. E. Matthews, Research Laboratories, Eastman Kodak Co., Rochester, N.Y.
2. *Studio Production Problems* — Petro Vlahos (replacing Arthur Blaney who had to resign in favor of other duties), Motion Picture Research Council, 1421 North Western Ave., Hollywood 27.
3. *Laboratory Practice* — Gordon A. Chambers, Motion Picture Film Dept., Eastman Kodak Co., 343 State St., Rochester 4, N.Y.
4. *Projection and Viewing* — Dr. Charles R. Daily, Paramount Pictures Corp., 5451 Marathon St., Hollywood 38.
5. *High-Speed Photography Symposium* — John H. Waddell, Fairchild Camera and Instr. Corp., 88-06 Van Wyck Expressway, Jamaica 1, N.Y.

Work is also under way to hold a special session on Friday, October 7, devoted to the rapidly growing subject of Educational Television. Representatives of leading organizations in this field have been invited to present papers covering their work. It is felt that the members of the Society can

benefit greatly from an informative discussion on the subject of applications and future plans for Educational Television.

Your Papers Committee will continue to work hard to make this Meeting one of the most interesting and informative occasions in the history of our Society. Plan now to attend and enjoy the beautiful scenery at Lake Placid in October and renew friendships as well as make new friends at the 78th Meeting.—*Glenn E. Matthews*, Papers Program Chairman, 78th Semiannual Convention.

TV Color Test Films and Slides

Thirty-five millimeter and 16mm color television test films and 2 × 2 in. slides are now available from the Society. These were produced under specifications established by the SMPTE Television Committee under the chairmanship of Gentry Veal.

Committee members G. C. Misener of AnSCO, S. E. Howse of Technicolor and T. G. Veal of Eastman have very generously made available specially prepared color negatives at no cost to the Society from which supervised prints have been made. Each print represents the quality of color material obtainable from these three companies. There are five scenes on each material. At the beginning of the first scene a gray scale is included which can be used in set up or for adjusting the signal-generating equipment so that the chrominance subcarrier vanishes.

The 2 × 2 in. color slides made by AnSCO and Eastman contain the same high-quality picture material used in the test films.

The scenes include a variety of settings, both interiors and exteriors, and a wide range of colors.

All scenes in both slides and films were illuminated for shooting with a lighting ratio of approximately 2:1, that is, the key light was twice the fill light as measured in foot-candles.—*Fred Whitney*, Test-Film Engineer.

International Standardization Meeting

The meeting of Technical Committee 36 on cinematography, sponsored by the International Organization for Standardization in Stockholm, June 11-16, resulted in decisions on 14 proposals to help further international exchange of film products. This general, preliminary account of the meeting will be followed by a detailed report in a future issue of the *Journal*.

The meeting was attended by more than 40 delegates from Belgium, Czechoslovakia,

France, Germany, Italy, the Netherlands, Russia, Sweden, the United Kingdom and the United States. The delegates adopted a proposal made by the United States delegation for the cutting and perforating of 35mm film for use in CinemaScope.

Agreement was also reached on the definition and methods of testing safety film; and although no final agreement was reached on marking of safety film, the delegates did take some initial steps toward establishing an international standard in this area. Among the existing national systems of marking safety film that were examined were the laws of the French and German governments and the voluntary standard followed by the English.

Seven permanent working groups were appointed to cover questions of wide-screen picture standards, film dimensions, screen luminance, reproduction characteristics of magnetic sound, film image area, safety film definition and marking, and location and dimensions of magnetic tracks. These groups will remain in existence until the next international cinematography meetings are held.

The committee on location and dimensions of magnetic tracks was authorized to draft a proposed ISO standard for one present optical and two new magnetic tracks on a single standard 35mm release print. Such a proposal, if adopted, would simplify the distribution of foreign film.

The term "screen luminance" was adopted by the group as the official one for use in the future, in preference to "screen brightness."

Among other U.S. proposals adopted by the delegates were cutting and perforating dimensions for 35mm motion-picture negative raw stock, dimensions for 35mm motion picture short-pitch negative film, dimensions for 100-mil magnetic coating single-perforated 16mm motion-picture film, and magnetic coating — 16mm magnetic-photographic sound record.

Axel G. Jensen of Bell Telephone Laboratories, Inc., Engineering Vice-President of the Society, was Chairman of the cinematography meetings. Boyce Nemeck, SMPTE Executive Secretary, was Secretary.

The United States delegation was headed by Dr. Deane R. White of E. I. du Pont de Nemours & Co. Other members of the U.S. delegation included William F. Kelley of the Motion Picture Research Council, J. W. McNair of ASA, Marion E. Russell of Eastman Kodak Co., Allen Stimson of General Electric Co. and Malcolm G. Townsley of Bell & Howell Co.

Among the delegates from other nations were the following SMPTE members: Jean Vivie and Louis J. J. Didié, France; Dr. Hans-Christoph Wohlrab, Germany; Libero Innamorati, Italy; Stellan Dahlstedt, Harry Enequist and Holger Marcus, Sweden; and Doctors Leslie Knopp and Otto K. Kolb, the United Kingdom.—*S.G.*