

70th Convention

Hollywood Roosevelt Hotel, Hollywood, Calif., October 15-19, 1951

Color Processes of motion picture photography and release printing now being introduced commercially are capturing the interest of all motion picture producers and film laboratories. Latest developments along these lines will be presented for the first time at one of the eleven convention sessions. Related to these current indications of progress in the field of "color" is the continuing work of the SMPTE Color Committee which will be reported upon by Chairman H. H. Duerr.

Color Aspects of television have been in the public eye recently and, in addition to popular concern for the future of commercial color television, there has been serious interest among technical people. Examples of the most pressing questions are requirements of studio conversion to color standards, and an estimate of those factors now apparent that will some day prove to have had a significant influence over long-term growth. Both will be discussed at length during another session, along with the description of a new system for reproducing a color television picture.

Magnetic Recording equipment newly developed for efficient re-recording of feature film sound as well as numerous improvements in equipment and production techniques will be reported upon over two technical sessions.

High-Speed Photography as a tool in aircraft, guided missile and ballistics research will be the subject of one convention session. Another

will include papers on new developments in cameras and on sound recording as a data gathering process.

Stereo-Projection, much conjectured about, will be discussed, demonstrated and explained. This session which is certain to interest motion picture people widely is scheduled to include reports by two SMPTE engineering committees, one on Picture Flicker and one on Screen Brightness.

Chairman of the Pacific Coast Section, C. R. Daily, is also *Local Arrangements* Chairman for the fall convention. This latter title gives him the pre-convention responsibility for lining up the three sessions to be held away from the Hotel and for the general supervision of all arrangements except in connection with ladies' program, papers, motion picture short subjects, luncheon and banquet. He will keep an eye on:

Hotel Reservations and Transportation which Bill Kunzmann has assigned to Vaughn C. Shaner.

Projection Facilities, at all four meeting places, Hollywood Roosevelt Hotel Blossom Room, Academy Award Theater, Republic Studio Scoring Stage and Columbia Square. Emery Huse, Eastman Kodak Company, will provide the 16-mm arc equipment for use at the hotel. Members of Los Angeles Projectionists Local 150 will put the pictures on the screen.

Public Address equipment and the recorder used to take down technical discussion will be supplied by SMPTE headquarters and operation will be supervised by E. W. Templin, Westrex Corporation.

Engineering Activities

Color The Color Committee, under the Chairmanship of Dr. Duerr, met in New York in mid-June. Most of the Committee's work is done by Subcommittees; therefore the meeting opened with reports of Subcommittee Chairmen:

(a) Color Symposium Subcommittee: Lloyd Varden indicated that additional information is still required before editorial work on publication of all color-process data can begin. Both DuPont and Ansco have proffered assistance along

these lines, and a draft of the introductory report should be ready shortly.

(b) Subcommittee on Projection Light Sources and Screens for Color Film: Ronald Bingham discussed the status of the several projects. A good deal of information has been acquired on the effect of theater projection practices upon color quality and a report will soon be available. Characteristics of projection screens are also under study and a report is now being prepared by Mr. Gillon.

(c) Subcommittee on Spectral Energy Distribution of Photographic Illuminants: Monroe Sweet stated that the Subcommittee had met on March 9, 1951, and had agreed that the aim of this group was "to prepare a report of the history, present status and, if possible, a proposal for improved methods of determining, and technology for specifying, the spectral energy distribution of photographic illuminants, particularly those used for motion picture photography." While in an early stage, progress is being made on this project.

Dr. Duerr then reported that a request had been received to standardize the color temperature for color films used with tungsten light sources. The technical and commercial aspects of this problem were discussed and it was agreed that this matter properly belongs within the scope of the Motion Picture Studio Lighting Committee as far as motion picture technique is concerned, and within the scope of the ASA Sectional Committee, PH22, as far as the amateur and professional color films are concerned. The Color Committee would provide assistance to the Studio Lighting Committee if needed.

The Committee's part in the Society's Glossary project was the last point on the agenda. After much discussion, it was agreed to set up a preliminary subcommittee whose function would be merely to determine which terms should be included in the Glossary. When this is completed a more formal committee could be established to work on the definition of terms.

Laboratory Practice At its last meeting during the 69th Convention in New York, the Labora-

tory Practice Committee took definite action on two projects:

1. A Subcommittee to initiate a standard on laboratory review-room screen brightness is to be formed under the chairmanship of Edward Cantor.

2. It was agreed to ballot the entire Committee on the "Proposed American Standard for 16-Mm Optical Printer Aperture for Enlargement Printing to 35-Mm." Gordon Chambers was commended by the group for his efforts in preparing the recommendations upon which the proposal is based. The ballot is now almost completed and in all likelihood will be approved and forwarded to the Standards Committee.

Screen Brightness In accordance with ASA's procedure of periodically reviewing American Standards, the Screen Brightness Committee is now taking a letter ballot on "Review of American Standard Z22.39-1944, Screen Brightness for 35-Mm Motion Pictures." The Standard, as presently worded, applies to all theaters. Outdoor theaters rarely achieve the minimum value of screen brightness as set by the Standard, and so as a practical matter there has been some talk of limiting the Standard to indoor theaters. This question is included in the letter ballot.

Standards For the last several months the Standards Committee has been balloting on a whole series of proposals; some, on the question of the approval of preliminary publication and others, whose preliminary consideration has been completed, on the question of submitting to ASA for processing as an American Standard. These are:

Preliminary Publication

Proposed Standard for Aperture Calibration of Motion Picture Lenses.

Submission to ASA

1. Dimensions for Projection Lamps—Medium Prefocus Ring Double-Contact Base-Up Type for 16- & 8-Mm Motion Picture Projectors, PH22.84.
2. Dimensions for Projection Lamps—Medium Prefocus Base-Down Type for 16- & 8-Mm Motion Picture Projectors, PH22.85.

3. Splices for 1 6-Mm Motion Picture Films for Projection, PH22.24.
4. Splices for 8-Mm Motion Picture Film, PH22.77.

Recently Approved

Preliminary Publication—Proposed Standard for Cutting & Perforating Dimensions for 35-Mm Film (to be published in a forthcoming issue).

Submission to ASA—Edge Numbering of 16-Mm Motion Picture Film, PH22.83, and 16-Mm Motion Picture Projection Reels, PH22.11.

Television Studio Lighting The Television Studio Lighting Committee met on June 20th in New York City. Unfortunately, the attendance was so small that it was impossible to make decisions representative of the thinking of a cross section of the television industry. The Chairman, Mr. Richard Blount, noted that while it might be difficult for those members outside of New York to attend meetings, he would welcome their written comments which would be of considerable value in directing the thoughts of the Committee.

New Members

The following members have been added to the Society's rolls since those last published. The designations of grades are the same as those used in the 1950 *Membership Directory*.

Honorary (H) Fellow (F) Active (M) Associate (A) Student (S)

Aye, Thomas L., Radio Engineer, Henry J. Geist & Associates, Inc. Mail: 42 Middle Neck Rd., Roslyn, Long Island, N.Y. (A)

Barstow, John M., Telephone Engineer, Bell Telephone Laboratories. Mail: 105 Intervale Rd., Mountain Lakes, N.J. (M)

Barz, Helmut, Head, Rawstock and Printing, High Commissioner for Germany. Mail: Astallerstr. 15, Muenchen, Germany. (M)

Bhate, Arvind G., Development Engineer, National Carbon Co. (India), Ltd., P.O. Box 2170, Calcutta 1, West Bengal. (M)

Brown, Ilo M., Chief Engineer, The Ballantyne Co. Mail: 1707 Davenport St., Omaha, Nebr. (M)

Chodkowski, Stanley, New Inst. for Film and Television. Mail: 19 Goodyear Ave., Buffalo 11, N.Y. (S)

Chyka, George W., Motion Picture Cameraman, KOTV—Cameron Television. Mail: 1320 S. Boulder, Tulsa, Okla. (A)

Cooper, Donald H., Engineer-In-Charge, National Broadcasting Co. Mail: 14 E. Mason Ave., Alexandria, Va. (A)

Dickinson, Robert V. C., Recording Engineer, Telescriptions, Inc. Mail: Roomc Rd., Towaco, N.J. (A)

Fields, Louis, Photographic Technician, Institute for Medical Research. Mail: 4024 Stone Canyon, Sherman Oaks, Calif. (A)

Filipowsky, Richard F. J., Professor of Electronics, Head of Faculty, Madras

Institute of Technology (MIT India), Chromepet, Chingelput Dt., So. India (A)

Frierson, Leland G., Vice-President, Ruthrauff & Ryan, Inc. Mail: 108 E. 86 St., New York 28, N.Y. (M)

Frisbie, H. E., District Service Manager, RCA Service Co. Mail: 9215 Fernhill, Parma, Ohio. (M)

Geist, Henry J., Sales Engineer & Consultant, Henry J. Geist & Associates, Inc. Mail: 196—5th St., Stamford, Conn. (M)

Glasser, Donald W., Photographic & Reproduction Technician, Westinghouse Research Laboratories. Mail: 853 Inwood St., Pittsburgh 8, Pa. (A)

Haraughty, Lois E., Chemist, Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood, Calif. (A)

Hayden, Edward J., Chief Electrician, Ace Film Laboratories, Inc. Mail: 120 Linwood Ave., Bellmore, Long Island, N.Y. (A)

Heidt, Horace, Producer, Director, Actor. Mail: 14155 Magnolia Blvd., Van Nuys, Calif. (M)

Kantrowitz, Philip, Electronics Engineering Research Assistant, Microwave Research Laboratories. Mail: 2435 Frisby Ave., Bronx 61, N.Y. (A)

Kapur, Jit L., University of Southern California. Mail: 1023 W. 36 St., Los Angeles, Calif. (S)

Lankester, Christopher H., Technical Supervisor, United Nations. Mail: 144-79 Grand Central Pkwy., Jamaica 2, N.Y. (M)