



79th Convention ••• New York ••• April 29 – May 4

This convention promises as extensive, interesting and informative a program of technical papers as has been had in many years. Supplementing the nineteen sessions of formal presentation, and of parallel scope and value, will be the exhibit of professional motion-picture and television equipment. The displays will offer for close scrutiny, the most modern production tools of the film and TV trade. And all of this comes at the time of year when New York is at its most attractive, and its weather leaves little to be desired.

The Advance Notice of the Convention, which went out to members in mid-March, contained a rate and reservation postcard for return to the Hotel Statler. The Statler is convention headquarters, and most sessions will be held there, across Seventh Avenue from Penn Station. Sessions held elsewhere will be only a short subway or taxi ride away.

Also in the Advance Notice was a member's registration card and order form for luncheon and banquet tickets. A welcome innovation is the ten percent discount to members who buy the entire package — registration, luncheon and banquet tickets — in advance. And there is also a ten percent discount to members on the purchase of ten or more banquet tickets. Ten is one full table.

Refunds on unused luncheon and banquet tickets can be given only if returns are made prior to the starting time of the meal.

EVENTS

The Get-Together Luncheon will be held on Monday at 12:45. Dr. Frayne will preside and will introduce the luncheon speaker, Dr. A. W. Trueman, Canadian Government film commissioner and head of the National Film Board of Canada. Dr. Trueman will discuss the work done by the Film Board and will cite the significance of the techniques which they have employed to the motion-picture medium.

The customary formal cocktail party and banquet, the prime social event of the convention, will take place on Thursday evening. Music will be supplied by Howard Lanin's orchestra.

EXHIBITS

All convention registrants are welcome to visit the equipment exhibit in the Penn Top area of the Statler. It will feature more than 32 booths displaying film-processing and editing machines, motion-picture and high-speed cameras, lenses, sound and animation equipment, and TV color cameras and projectors. A list of exhibitors appeared in the February *Journal*.

ARRANGERS

Responsible for completing all the arrangements, so essential to a smoothly run convention, are the following committee chairmen appointed by Byron Roudabush, Convention Vice-President.

Local Arrangements

Chairman, George H. Gordon

Exhibits, Everett Miller, Assisted by Victor M. Salter

Hotel Arrangements, Saul Jeffee, Assisted by Frank S. Berman

Public Address & Recording, Edward Schmidt

Registration, Kern Moyses

Luncheon, Frank Marx

Hospitality, Charles Seager

Transportation, William J. Reddick

Banquet, M. Clay Adams

Projection, Harry DeFuria

Membership, Joseph T. Dougherty

Publicity, Sue Grotta

Ladies, John B. McCullough

Hostesses: Mrs. George H. Gordon and Mrs. Everett Miller

Administrative Assistant, Harold J. Jones, Jr.

The following programs already show accomplishments for many of the convention committeemen.—S.G.

LADIES PROGRAM

Sunday, April 29

2:00 P.M.: Registration, Penn Top, 18th Floor, Statler. Ladies headquarters: Hudson Room, Mezzanine.

Monday, April 30

9:00 A.M.: Registration, Penn Top, 18th Floor, Statler.
12:45 P.M.: Get-Together Luncheon
2:00 P.M.: TV shows, local theaters, etc.

TENTATIVE SCHEDULE OF COMMITTEE MEETINGS

Monday, April 30

10:00 A.M. Screen Brightness
2:30 P.M. Film-Projection Practice

Tuesday, May 1

10:00 A.M. Association of Cinema Laboratories
2:00 P.M. Laboratory Practice
3:30 P.M. Film Dimensions

Wednesday, May 2

10:00 A.M. Open Forum to review picture-sound separation of 16mm magnetic sound film
10:00 A.M. Papers Committee/Board of Editors
2:00 P.M. Magnetic Recording Subcommittee
3:30 P.M. Sound
5:30 P.M. Section Chairmen

Thursday, May 3

10:00 A.M. 16 & 8mm
2:00 P.M. Television

Friday, May 4

2:00 P.M. High-Speed Photography

Final schedule of meetings will appear in the Convention Program. Meetings notices will be mailed to all Engineering Committee members.

Tuesday, May 1

9:00 A.M. to 12:30 P.M.: Oklahoma (included in registration)
1:00 P.M.: Luncheon at Sardi's, Dutch Treat, \$3.50 to \$5.00 per person; cocktail, luncheon, tip complete
3:00 P.M.: Metropolitan Museum of Art, guided tour of the American Wing (included in registration)

Wednesday, May 2

11:30 A.M.: Fashion Show and Luncheon, Waldorf Astoria Hotel (included in registration)
7:00 P.M.: Underwater Television Papers, Skytop, Statler

Thursday, May 3

10:00 A.M.: Tour of Lever Bros. Park Avenue Headquarters. Visit to their

MAKE HOTEL RESERVATIONS AND REGISTER AT ONCE

There will be another convention at the Statler at the same time as the SMPTE meeting. To assure space, make your room reservations directly with the hotel *at once*. If you wish to take advantage of the ten percent discount available to members who register by mail in advance and purchase a luncheon and banquet ticket, send your advance registration form to headquarters immediately.

world-acclaimed executive offices, working floors, dining rooms and lounges and inspection of their famed test kitchens (included in registration)

Afternoon: Free

6:45 P.M. to 8:00 P.M.: Cocktail Party, Statler

8:00 P.M. to 1:00 A.M.: Banquet and Dance, Statler

Friday, May 4

Farewell Get-Together Punch Party, Ladies Headquarters—Hudson Room, Mezzanine (included in registration)

Motion-picture theater privileges will be available through convention badges. TV show admissions and special rate tickets to Rockefeller Center, Empire State Building and the famous Circle Line Tour by boat around Manhattan will be available to those registering.

PAPERS PROGRAM PRODUCERS

Under the Papers Committee Chairman Ralph E. Lovell, the standing

roster of Vice-Chairmen is: J. E. Aiken, G. G. Graham, C. E. Heppberger, B. D. Plakun, Petro Vlahos and J. H. Waddell.

The local Vice-Chairman automatically ticketed for the forthcoming New York Convention thus was Ben Plakun—officially 79th Program Chairman. In this capacity, Ben Plakun extended the recent system of special chairmen for symposiums a final step and set up his entire activity by topics. These are the Topic Chairmen who produced the Advance Program:

Laboratory Practice — *W. H. Rivers*
Motion-Picture Equipment — *Willy Borberg*
TV Studio Lighting — *H. M. Gurin*
Underwater Television — *Herbert Barnett*
High-Speed Photography — *J. H. Waddell*
Sound Recording — *George Lewin*
TV Film Commercials — *W. J. Morris*
Television — *S. W. Athey*
Motion-Picture Short Films — *E. M. Stifle*

Past Program Chairman *Glenn E. Matthews* contributed much to the early

organizing of this Program as well as adding to its momentum up to completion.

SESSION OPENERS

Chairman E. M. Stifle has arranged for the following motion-picture short subjects, all in 35mm color with optical sound, as opening fare for technical sessions:

Tulip Time in Holland
Italian Memories

Warner Brothers Pictures Corp.

Magoo Goes West (cartoon)
Magoo's Sick Friend (cartoon)

Columbia Pictures Corp.

Stunt Pilot (CinemaScope)

Land of the Bible (CinemaScope)

20th Century-Fox Film Corp.

Bing Presents Oreste (VistaVision)

VistaVision Presents Sun Trails (VistaVision) Paramount Pictures Corp.

Two of the latest color cartoon shorts

Loew's Inc.

ADVANCE PROGRAM

The sessions of the Convention are almost certain to be held as outlined below but a few papers may be moved, curtailed or deleted because of the fullness of some sessions; therefore, if you are interested most especially in a very few specific papers, you should inquire a week before the Convention by telephoning either to Bernard D. Plakun, General Precision Laboratory, Pleasantville, N.Y. (Pleasantville 2-4100), or to Society headquarters (Longacre 5-0172).

SUNDAY — APRIL 29

Registration will open at 2:00 P.M. in the Statler's Penn Top Foyer and Ladies Headquarters will open at the same time in the Hudson Room on the Mezzanine.

MONDAY — APRIL 30

9:00 A.M. Convention Registration

9:15 A.M. Opening Remarks John G. Frayne, SMPTE President

9:30 A.M. Laboratory Practice Session I

Stainless Steel Bearings for Film Processing Machines

LEONARD F. GIARRAPUTO, Pathe Labs Inc., New York.

Bearings for high-speed motion-picture film processing machines have always presented rather unique engineering problems. These problems are harder to overcome with color-film processing solutions which have higher corrosive properties. Extended tests on a variety of bearing types led to the development of a two-piece, deep-groove ball bearing with a number 316 (18-8) stainless-steel retainer that has low friction and excellent life characteristics when operated in either black-and-white or color-film processing solutions.

Plastics in a Motion-Picture Processing Machine

JOHN W. RAYMOND, Airlab, Phoenix, Ariz.

Many plastics provide excellent chemical resistance and ease of fabrication. Their flexibility, low joint strength and heat distortion require special consideration in machine design. Utilizing hot impinging air drying and compactness, AirLab has built a 16mm, black-and-white, negative-positive machine using Uscolite, Epon, Tygon, Nylon, and Neoprene to make racks, elevators, piping, special valves, sheaves and tank linings simply and at low cost. Results indicate the suitability of some of these materials in a color machine.

Processing Methods for Use With Two New B&W Reversal Films

C. E. IVES, J. W. ZUIDEMA, N. A. EXLEY and C. C. WILT, Eastman Kodak Co., Rochester, N.Y.

Two new 16mm black-and-white reversal films have been introduced to satisfy the present-day requirements for extended speed range, improved picture quality and ease of processing in rapidly working baths at normal and elevated temperatures. A study has been made of the reversal process with reference to the needs of these films when handled on various types of continuous and batch equipment of practical interest. Recommendations are made for processing bath composition and replenishing practice for obtaining highest quality and consistent results.

A Machine for Cleaning Motion-Picture Film

JOHN R. TURNER, STANLEY L. SCUDDER and EDWARD H. DEANE, Eastman Kodak Co., Rochester, N.Y.

An experimental machine is described for the cleaning of motion-picture film. The successive stages in the machine include spray application of detergent solution, spray rinsing, pneumatic squeegee and impingement drying. This entire sequence of operations requires about 12 sec. The machine is also useful for the removal of alkali-soluble lacquer coatings.

12:30 P.M. GET-TOGETHER LUNCHEON

A. W. TRUEMAN, Canadian Film Commissioner.

A CONCURRENT SESSION

2:00 P.M. Laboratory Practice Session II

Splicing of Motion-Picture, Polyester Film Base and Standard Acetate Safety Film Base by the Butt-Weld Method

LEONARD A. HERZIG, Prestoseal Manufacturing Corp., Long Island City, N.Y.

This paper describes an improved method and apparatus for butt welding and butt splicing of polyester film base and standard triacetate film base. The principle is a combination of a controlled heat and cooling gradient applied under pressure within a given time cycle. Both the method and apparatus for butt welding for similar type bases and a method of butt splicing by the use of an additional high temperature transparent adhesive sliver are described. The combination of both methods used simultaneously is also discussed.

Spray Processing in a Commercial Laboratory

RALPH D. WHITMORE, JR., Du Art Film Laboratories, New York.

The design of a spray processor, four of which are now in full operation, using impingement drying, was based on both experimental data of the last two decades and operational experience gathered during the last two years. These are used for developing 16mm and 35mm black-and-white negatives and positives of all types at 80 F. The great versatility of the units, along with accurate sensitometry and chemistry, has increased both quality and volume in the laboratory.