



84th Convention

As CONVENTION preparations move on to the final stage a promise that the 1958 Fall Convention will be a memorable one is based on groups of papers on live, up-to-the-minute subjects, arranged by Program Chairman Heppberger, his associate Harold Kinzle and the Topic Chairmen and Regional Chairmen. The Equipment Exhibit is described in detail below. Also, there are firm plans for unusual and instructive entertainment activities and excellent cooperation among all concerned with arrangements. Topic Chairmen and their duties were listed in the *May Journal*; Local Arrangements Chairmen, in the *July Journal*.

A program of tours to points of interest in and near Detroit has been arranged for the Ladies Events, but men, too, may especially want to go on the tour of the General Motors Technical Research Center where demonstrations will be given in the GM styling studios. Those interested in Victorian bibelots and other Americana will appreciate the trip to Greenfield Village to view the famous Henry Ford collection; and for those whose interests include contemporary art and architecture a tour of the renowned school of art and architecture in Cranbrook has been planned. Visits to nearby points of interest in Canada can be arranged.

The Awards Session, always an event of special significance, will be held Tuesday

Detroit

evening, October 21. Forecasts of the awards appeared in the *August Journal* and are completed in this issue.

It is customary to remind possible procrastinators that, in order to avoid disappointments and to insure a rewarding and delightful time at the Convention, details of registration and hotel reservations should be attended to at once. The postal announcement, mailed early this month to members, has a detachable addressed card to be mailed to the Reservation Dept. of the Sheraton-Cadillac Hotel, Detroit 31. There is also a card to be enclosed with the advance registration fees which should be received at headquarters no later than October 10. A discount of \$2.00 is made when the fee for the banquet and luncheon is sent with the registration fee, making a total of \$22.50 for registration, banquet and luncheon. Registration fee for members is \$5.00. The banquet ticket, without discount, is \$15.00 and the luncheon is \$4.50.

Equipment Exhibit

The roster of exhibitors continues to increase and it is evident that visitors to the convention will have the opportunity of seeing as fine a display of professional motion-picture and television equipment as has ever been gathered together in the

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Detroit area. Several companies will have new developments that will be shown for the first time anywhere. Free passes for admission to the exhibit will be available at the Registration Desk.

Companies who are preparing displays include:

Animation Equipment Corp.
Bell & Howell Co.
Camera Equipment Co.
Canadian Applied Research Ltd.
Andre Debric Mfg. Corp.
Electronic Systems of Illinois Inc.
Florman & Babb Inc.
Harwald, Inc.
Karl Heitz Inc.
HiSpeed Equipment Inc.
Hollywood Film Co.
Kling Photo Corp.
Lipsner-Smith Corp.
Macbeth Instrument Corp.
Motion Picture Printing Equipment Co.
Neumade Products Corp.
Precision Laboratories
Reevesound Co.
Ro-Nan Inc.
S.O.S. Cinema Supply Corp.
Unicorn Engineering Co.
Westrex Corp.
Wollensak Optical Co.

Information about any space remaining can be obtained from the Exhibit Chairman, Ray Balousek, c/o Producers Color Service, 24 Custer, Detroit 2, Mich.

Advance Program

Minor changes, necessitating rescheduling of certain events on the program have, at times, occurred after publication of the Advance Program. Changes, involving addition of certain papers, changes in those already scheduled or in the time allotted to certain events, committee meetings, etc., may be made before or during the Convention. The program published here is complete to the date of publication and, unless some unforeseen and unavoidable event occurs, the Convention will proceed according to this schedule.

Detailed information is available from SMPTE headquarters in New York (L'Ongacre 5-0172). During the week preceding the Convention it is advisable to make inquiries by telephone, especially those relating to scheduling of individual papers, committee meetings and other matters of immediate importance. Information relating to the scheduling of papers may also be obtained directly from the Program Chairman, C. E. Heppberger, by telephoning him at Chicago, Financial 6-3300.

SUNDAY—OCTOBER 19

2:00 Registration opens in the Sheraton-Cadillac, Detroit

MONDAY—OCTOBER 20

8:30 Registration

9:00 LABORATORY PRACTICE

Photographic Processing Equipment
JOHN R. TURNER, *Color Technology Div., Eastman Kodak Co., Rochester, N.Y.*

Conventional methods of photographic processing and the functional elements of processing machines such as drives, recirculation systems and agitation devices are reviewed in detail, particularly as related to motion-picture film. Note is taken of techniques, evolved in related fields, that represent a wide departure from these practices both in simplicity and in speed. Also discussed are some photographic processing methods which as yet have had only limited commercial application but which offer comparable possibilities of increased speed and simplicity.

The Bell & Howell Additive Color Printer
HANS-CHRISTOPH WOHLRAB, *Bell & Howell Co., Chicago*

Additive color printing is easy because the light can be controlled by mechanical devices and the program for printing may be predetermined and stored in a perforated tape. The perforator provides signals for starting and stopping the printer, light values for red, green and blue, and provides for fades in three different speeds. The reader feeds this information into the printer. The printer operation is described.

An Improved 16mm Tear Detector for Film Processing Machines
FRANK E. WHITE and JOHN FEDERICO, *Processing Lab., Eastman Kodak Co., Chicago*

The detector is composed of three parts: the run-through roller, the tear detector, and the film brake. When the end of the film passes through the run-through roller, a pressure roller actuates a microswitch energizing the film brake. When a torn perforation or misaligned splice passes under the tear detector, the fork actuates a microswitch, thus energizing the film brake. The film brake consists of roller and pressure roller, behind which is a pawl and ratchet. The pawl is actuated by a solenoid, which in turn is energized by either of the two microswitches as mentioned above.