

Technical Conference and Equipment Exhibit

April 30-May 5, New York Hilton Hotel

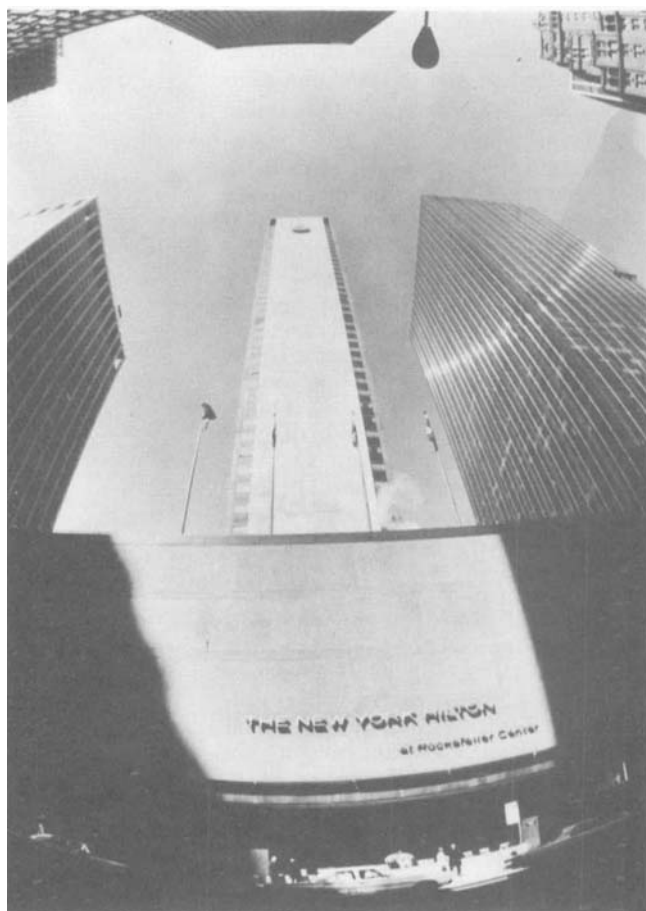
The Papers Program

Program Chairman **Calvin M. Hotchkiss** has indicated that he is very satisfied with the progress of the 111th Conference. "There seems to be," he has said, "great interest and enthusiasm for the Conference and its theme, *The New Filmmaker*, and we shall do everything in our power as Program Chairman and Associate Chairmen to make a success of this Conference." Papers and communications from prospective authors are coming in in numbers greater than usual for this date in the conference schedule. Following is a list of some of the papers.

- A Super 8 Cable-less Sync Film Making System for Students
- Film Editing Tools and Methods
- Production Techniques for the Surgical Teaching Film
- Spectral Densities and How to Measure Them with the Color Densitometer Vuzort KBD II
- The Optimum Color Balance for Motion Picture Prints — Effect of Viewing Conditions
- The Effect of Automatic Black-Level Control on the Quality of Television Display of Film Images
- Modulator Calibrator for Helical Scan Video Recorders
- Color Negative in the Telecine
- Dropout Considerations in Videotape Recording and Proposed Recommended Practices
- Factors Influencing the Design of Color-Separation Optics for Television Cameras
- A Variable Font TV Titling System Based on Video-to-Digital-to-Video Conversion
- Beam Landing Improvement of 110-degree Deflection Color Picture Tube Using Discontinuous Surface Lens
- Trends Toward High-Speed Thermal Duplications of Videotape
- On-Line System for Weather Report
- Testing of TV Camera Tubes for Sensitivity, SNR, Resolution Gamma, and Color Response
- Color TV Transmission Systems
- The Video Cassette: Programming in Education
- A New Luminance Photometer for Measuring Screen Brightness
- An Automated 16mm Theater Projection and Sound System
- A Method of Locking a Multi-Channel Non-Sprocketed Tape Recorder to a Film Distributor System

Good progress is also reported by Symposium Chairman **Daniel R. Wells** on the Symposium on Public Broadcasting, which is being built up under the supervision of Vice-President for Television Affairs **K. Blair Benson**.

The Associate Program Chairman for Production Techniques and Release Applications, **Irwin Young**, is actively engaged in assembling a number of Tutorial Sessions especially aimed at the *New Filmmaker*. These will include papers on film and tape use in the production of feature films and commercials, as well as in the production of television programs. Papers on new and lightweight lighting tools and their applications will give the new filmmaker some hints on how and what to use for his specific artistic purposes and on the possibilities now open to him, such as greatly eased indoor location filming and videotape recording. Papers on new and refined exposure meters and exposure determination techniques will be a welcome addition to this part of the program. Also in preparation is a session on professional use of super-8 film and a new generation of highly sophisticated super-8 cameras that open up new and unforeseen avenues of applications, especially for a type of easy and intimate reporting for TV use.



Registration

The customary registration and hotel reservation materials, as well as Conference information, have been sent out to members. Members are urged to register early so that they can be certain of staying at the New York Hilton Hotel in close contact with all Conference activities. The rates are as follows:

Member Package	\$65.50	Member Daily	\$10.00
Nonmember Package ..	80.50	Nonmember Daily	
Ladies Package	40.50	(M T W)	15.00
<i>(Package registration includes weekly registration, luncheon and banquet.)</i>			
Member Weekly	35.00	Nonmember Daily,	
Nonmember Weekly	50.00	Symposium	10.00
Ladies Weekly	10.00	Ladies Daily	4.00
Student Member	Free	Get-Together Luncheon	8.00
		Banquet	22.50
		Student Nonmember	5.00

Hotel Reservations

To take advantage of the special low Conference rates, room reservations must be made *through Headquarters* on the Registration Form mailed to members. Extra forms are available on request by mail or phone to Headquarters.

Singles:	\$20	23	27	29	31	33
Doubles:	\$28	31	35	37	39	41
Twins:	\$28	31	35	37	39	41
Suites:	\$80 and up (Parlor and One Bedroom)					

If a room at the rate requested is unavailable, one at the nearest rate will be reserved. Reservations must be received not later than 3 weeks prior to the start of the Conference, and will be held only until 6 p.m. of the day of arrival unless a later time is specified.

Equipment Exhibit

According to information received from Equipment Chairman **John J. Burlinson** booths are being sold at a very brisk pace. Already most of the booths have been sold and the list of Exhibitors reads now as follows:

Antonieux Corp. of America	Hazeltine Corp.
Anton/Bauer Inc.	Hervic Corp.
Arriflex Co. of America	Hollywood Film Co.
Bausch & Lomb, Inc.	Image Devices Inc.
Bell & Howell Co.	KEM Electronic Mechanic
Robert Bosch Photokino GmbH	Lowel-Light Photo Engineering Inc.
The Camera Mart, Inc.	Magnasync/Moviola Corp.
Carter Equipment Co., Inc.	Mitchell Camera Corp.
Century Strand Inc.	Mole-Richardson Co.
Cinema Product Development Co.	Motion Picture Enterprises, Inc.
Eastman Kodak Co.	Nagra Magnetic Recorders
Eclair	Paillard, Inc.
Filmkraft Corp. of America	Plastic Reel Corp. of America
Frezzolini Electronics Inc.	Research Products, Inc.
General Camera Corp.	Rosco Laboratories, Inc.
General Electric Co.	SOS Photo-Cine-Optics
General Enterprises, Inc.	Sony Corp.
Gotham Audio Corp.	

Engineers and scientists of the firms participating in the Equipment Exhibit are especially encouraged to present engineering and in-depth-tutorial papers on the latest developments in their respective lines of apparatus.



A test of home television sets in the Rochester, N.Y., area was conducted November 26 by the SMPTE Television Image Area Test Committee. The purpose of the test was to learn how much of the surface area of the picture being transmitted is received on a home set. Television stations WHEC, WROC, WOKR and WXXI transmitted a special test pattern. The test screen and questionnaire were shown in the Rochester newspapers and set owners were asked to complete the questionnaires. Information requested included type of set — color or black-and-white, portable or console; screen width and area of test screen seen on the set. A similar test was held in the New York City area in 1957. Results of that test showed that only about half of the sets were receiving nearly all of the picture transmitted from the station. Other sets were receiving less, some of them considerably less. The November 26 questionnaire asked participants to include the year their sets were manufactured. The purpose of this question was to determine if any significant contributions have been made by the industry during the last 10 or 15 years toward more complete television picture-area reception. Participants were not asked to identify the make of the set.

Results of the test are expected to guide broadcasters in determining the amount of picture area suitable for displaying critical subject matter and how much would presumably be suitable only for peripheral use. Some factors affecting television

reception include set construction, the line voltage applied to the set and adjustments to the set made by a TV repairman or set owner.

Results of the test are being computerized for a preliminary report to the Society's Winter TV Conference in Dallas by Roland J. Zavada of Eastman Kodak Co., with the prospect that the Test and its results will soon be described in the *Journal*.

The Audio Engineering Society will hold its 42nd Convention May 2-5 at the Los Angeles Hilton Hotel in Los Angeles. Technical sessions on new developments in audio engineering will be held and professional audio equipments will be exhibited. Information about the technical sessions is available from Mr. Leon A. Wortman, Ampex Corp., 401 Broadway, Redwood City, CA 94063. Information about the exhibits is available from Miss Jacqueline Harvey, Exhibit Manager, Audio Engineering Soc., 124 E. 40 St., New York, NY 10016.

The Audio Engineering Society's Central Europe Section will hold its second Annual Convention March 14-16 at the Holiday Inn in Munich, Germany. Papers on audio engineering and electroacoustics subjects will be presented. There will be an exhibit of professional audio and acoustic products. Further information is available from K. J. Wischgoll, E. Beyer Elektrotechnische Fabrik, D-7100 Heilbronn, Germany.

Temple University has announced that its fifth annual Anthropological and Documentary Film Conference will be held March 8-11. In 1971, the Conference included workshops in still and motion-picture techniques, videotape and multi-

There is still a limited number of booths available. Inquiries should be directed to Conference Manager **Jeffrey B. Friedman**, at SMPTE Headquarters.

Call for Papers

Authors are advised that, although the official deadline for submission of Author Forms and Synopses was in January, papers coming in late will still be considered by the Program Chairmen for their possible inclusion in the Spring Program, if their subject matter and the available space allow. Authors are also reminded to use, whenever possible, the Synopsis Format Sheets supplied by Headquarters for the single-spaced typing of their Synopses. This will greatly expedite the inclusion of their Synopses in the Synopses Booklet — to be printed by photo-offset — which will be available at the Conference. The final deadline for Synopses is March 20, and April 7 is the deadline for completed manuscripts of papers. Simple drawings or diagrams may be included in the Synopses, whenever they will fit into the available 500- to 750-word space on the Format Sheets.

Association of Cinema Laboratories

The Association of Cinema Laboratories has asked that those interested in ACL affairs be reminded that they will meet on Saturday, April 29. The meeting will take place 9:00 a.m. to 5:00 p.m. in the Sutton Ballroom North, with a Luncheon at noon.

media approaches to teaching in addition to the screening and discussion of documentary and anthropological films. The program of the 1972 Conference has been broadened to include four different types of sessions: seminars, symposia, workshops and screenings. The Conference will also include a technical exhibit. Seminars will consist of small group discussions. The symposia will consist of invited papers dealing with topics of general interest concerning film, video and sound use and analysis. Workshops will provide instruction in the use of equipments. Further information is available from: Film Conference, Temple University, Room 200, South Hall, Philadelphia, PA 19122.

The U.S. Industrial Film Festival for 1972 will be held in a greatly expanded format, it has been announced. Entries are being accepted for the 5th annual awards competition and should reach festival headquarters no later than March 1. New subject matter categories have been added such as 35mm slide programs, a mixed media invitational and the expansion of the Filmfest Seminar to a two-day event with prominent speakers and panel discussions. Equipment demonstrations and screening of winning films are also planned. Chairman, J. W. Anderson has stated that "The festival . . . , due . . . to its policy of limiting its entries to industrial film media (assures) the business film producer that the focal point will be on his production . . ." Invitations are being sent out in fourteen languages and twenty-nine categories are available to entrants. Entry forms may be obtained from the U.S. Industrial Film Festival, Suite 825, 39 S. LaSalle St., Chicago, IL 60603.

The Institute of Optics at the University of Rochester, Rochester, NY 14627, has