

news and reports

103rd Technical Conference and Equipment Exhibit
May 5–10, 1968 Century Plaza Hotel Los Angeles



Arrangements Chairman Ted Fogelman, Projection Chairman Don Kloepfel and Program Chairman Alan Gundelfinger at a recent meeting of the Conference Committee in Los Angeles.

A virtual avalanche of papers has inundated the Papers Committee in response to its Call for Papers. At the end of January there were initial commitments for more than 140 papers and the committee was faced with the choice of creating additional concurrent sessions or limiting the number of papers. The committee went with the second choice.

According to Program Chairman Alan Gundelfinger, Technicolor Corp., Hollywood, the number of papers submitted for the Conference is running well ahead of previous conferences. The quality of papers seems to be remarkably high. "We regret that many fine papers that were offered after a session was closed could not be welcomed. But we really couldn't let the program get out of hand," he said. "We hope these authors whose papers could not be accepted for the 103rd Conference, for reasons of lack of available space, will submit their papers for consideration for the 104th Conference in Washington."

Tentative Papers

The following list of papers supplements the list published in the February *Journal* (pp. 137–138). All papers listed here are tentative, as were those listed in February. Some will be cancelled; a few in certain subject areas may be added. The Advance Program, giving a more detailed list of papers (with abstracts) will be published in the April *Journal*. These additional papers are listed by topic:

Sound

A New Method of Audio Reproduction; An Entirely New Integrated Sound and Picture System With Significant Implications in the Field of Education; Techniques in Producing Five-Track Stereo Sound From Original Recording of "Gone With the Wind"; Sound Recording for 70mm Road Shows.

Studio Practices

The Design and Development of a Stabilized Camera Platform; Tungsten-Halogen Replacement Lamps for Standard Incandescent Types; New and Useful Improvements in Selec-

tive Reflectors; The Systems Approach to Motion-Picture and Television Production; Technical Progress on Dual Purpose Stages; A Versatile Editor/Animator for Video Recordings; Cinematography Problems Encountered in Oceanographic Expeditions.

Laboratory Practices and Color Quality Control

Mills Cinemicrotome Developed for Stereomorphological Display of the Whole Human Brain; PAL Color System; Color Processing; Color Timing — An Essential Art in the Industry; Industry and Educational Equipment; A New Ultra-High-Speed Black-and-White Reversal Film; An Improved Color Internegative Film; A New, Higher-Speed, Color Negative Film; A Soft Roller Surface Design for Scratch-Free Motion Picture Film Processing; Silver Sulfide Sound-tracks on a Reversal Print Film; Hypo Elimination in Eastman Color Print Film; Wear of Permalloy Magnetic Heads Against Striped Motion-Picture Film.

Photo-Instrumentation

Mississippi Test Facility — Space-Age Proving Ground; Flow Visualization of an Oxygen-Hydrogen Combustion; TV Cognizant Engineering on a Television-Bearing Spacecraft; The Use of Fast-Framing Cameras Instead of Magnetic Recording Media to Accumulate Data at High Rates; Development and Application of the Minipan Camera Principle; The Optical Parameters for the Single-Shaft High-Speed Rotating-Prism Camera.

Theater Presentation and Projection

Measuring Projection Screen Brightness; Optimum 35mm Theater Projection — A Comparison of "Ultravision" With Standard Theater Projection; Projection Illumination of Different 35mm Motion-Picture Formats — Area vs. Brightness vs. Lens *f*/ Number; Modern Motion-Picture Theater Construction — A Symposium; Automated Projection Equipment, A Symposium and Discussion; Physical Concept of a Drive-In Theater.

Photographic and Allied Sciences

Recent Developments of Plastics for Motion-Picture Sets; An Introduction to the Variable Focal-Length Liqui-Lens; Method for Transmitting 3-D Images With Practical Bandwidths; As Far As the Eye Can See; Fiber-Optics Applications in Television Cinematography — A Review and Forecast; New Methods for Television Display of Roentgenograms in Black-and-White and in Color; Interference Filters: What They Are and What They Will Do.

Small Format Films

An 8mm Television Recording Camera; Myocardial Revascularization — Color TV Edited Video Tape of a Seven-Hour Operation; Super 8 Optical Sound; Super 8 Magnetic Sound; Educational Films.

Television

Subjective Color Television; An Improved Lighting Control System for Color Television Studios; A Simplified Color Camera; New Type Lens; Color Telecine; 16mm Films for Television; Manual or Automatic Switching?; A New Approach to Color Slow-Motion Video Recording; Computer Techniques in a New Television Synchronizing Generator; Video Titling With Electronic Character-Generating Systems; A New 55-kW UHF TV Transmitter With Solid-State Driver and a New Frequency Conversion Principle; Conditions for Innovation in Educational Technology; New York Network — A Progress Report; Non-phased Color System; A Broadcast-type Slide Projector; A New Approach to Remote Control in Broadcast Audio Systems as Designed for Station KIRO-TV; Television Bandwidth Reduction by Fourier Image Coding; Some Possibilities for the Use of White as a Primary in Color Television Systems; A Simplified Color Encoder; The Video Return-Loss Bridge; Integrated Circuits in Television Terminal Equipment; RF Microphones; Computer Controlled 3-Channel Switching Center; Vid-Film Camera; The Development of Television in Ghana.

Equipment Exhibit

Exhibit Chairman Warren Strang, Hollywood Film Co., Hollywood, shared the optimism of Program Chairman Gundelfinger. Strang said, "Within a week after the booths were available, 62 were already taken. There were only 85 booths available to begin with."

"Judging from the companies that have signed up," Strang said, "I think we're going to have a great show and I think a lot of people are going to come down to see it."

Inquiries and applications for exhibit space should be directed to Warren Strang, Hollywood Film Co., 959 Seward St., Hollywood, Calif. 90038, or to SMPTE Headquarters.

Many of the exhibitors are planning to present papers or give demonstrations of their equipment at a special session on Wednesday morning, May 8.

The exhibit will open Monday, May 6, at 5 p.m. when all registrants and holders of exhibit passes will be invited to an Open House in the Exhibit area sponsored by the exhibitors.

Exhibit Schedule

Monday, May 6	5:00-8:00
Tuesday, May 7	11:00-8:00
Wednesday, May 8	9:30-4:00
Thursday, May 9	11:00-6:00

Among the first companies to sign up for the exhibit are:

Albion Optical Co.	Hughes Electronics, Inc.
Omega Corp.	International Video Corp.
Arriflex Corp. of America	J & R Film Co.
Atlas Projector Corp.	L-W Photo, Inc.
Bach-Auricon, Inc.	Lipsner-Smith Corp.
Bell & Howell Co.	3M Co.
Berkey-ColorTran	Macbeth Sales Corp.
Birns & Sawyer Cine Equipment, Inc.	Magnasync/Moviola Corp.
Chasal Engineering	Magnetic Recorders, Inc.
Christie Electric Corp.	D. B. Milliken Co.
Cinema Beaulieu	Minolta Corp.
Cinema Center	Mitchell Camera Corp.
Andre Debrie of New York	Mole-Richardson Co.
DuKane Corp.	Nagra Magnetic Sales, Inc.
Eclair Corp. of America	Optical Imports, Inc.
F & B/CECO, Inc.	Paillard Inc.
Fiberbilt Div.	Pako Corp.
General Electric Co.	Photo Research Corp.
Gordon Enterprises	Photo-Sonics, Inc.
Gryphon Corp.	Plastic Reel Corp. of America
Hazeltine Corp.	Prestoseal Mfg. Corp.
Karl Heitz, Inc.	Quick-Set, Inc.
Frank Herrfeld Engineering Corp.	Radio Corp. of America
Hollywood Film Co.	Red Lake Laboratories
Houston Fearless Corp.	Research Products, Inc.
	SOS Photo-Cine-Optics, Inc.

Shure Bros. Inc.
Strand Electric Ltd.
Sylvania Electric Products, Inc.

Todd-AO Corp.
Treise Engineering, Inc.

Advance Registration

To avoid delay and inconvenience when arriving at the Conference, persons are encouraged to register in advance. Advance registration forms are now being mailed to members; they should be returned with payment in the business reply envelope provided. Badges and tickets will be waiting for registrants at the Registration Desk.

Additional advance registration forms are available at SMPTE headquarters. Registration rates are:

Member, weekly	\$10.00	daily	\$4.00
Nonmember, weekly	15.00	daily	5.00
Military, weekly (in uniform)	5.00	daily	3.00
Ladies			\$5.00
Get-Together Luncheon			6.00
Cocktail Party and Banquet			20.00
Package registrations will be available as follows:			
Member, weekly registration		}	36.00
Get-Together Luncheon			
Cocktail Party and Banquet			
Nonmember, for the above			41.00

Nonmembers of the SMPTE who are members of the SPSE, SPIE and the AES may register at the SMPTE member rate; students free.

Companies wishing to reserve tables at the Banquet on Wednesday night, May 8, should contact the Banquet Chairman, **Jack Goetz**, Consolidated Film Industries, 959 Seward St., Hollywood, Calif. 90038. Tables will be reserved on a first come-first served basis.

Hotel Rates and Registration

Members who lack a hotel registration card sent from Society Headquarters should, to be certain of staying at the Century Plaza, write direct to the following and note that reservations are for the SMPTE Conference: Century Plaza Hotel, Avenue of the Stars, Century City, Los Angeles, Calif. 90067.

The daily rates for rooms with baths at the Century Plaza are:

Single room: \$20-30
Double room: \$26-36
Double room (twin beds): \$26-36
Corner suites: \$52-72
Penthouse suites: \$100-110

Rooms at the Century Plaza are being held for SMPTE registrants only until April 13.

New SMPTE Sustaining Member

Magno Sound, Inc., 723 Seventh Ave., New York, N.Y. 10019 (212) CI7-2320

Magno Sound is a complete motion-picture recording studio organization, with three mixing and live narration studios, and six transfer or rerecording studios. They are fully equipped to record from and to any medium used in the film industry. They develop their own 35mm and 16mm optical soundtracks and they sound stripe 16mm and 8mm prints. Their subsidiary, Empire Recording Studios, at 18 West 45 St., is fully equipped to record music and voice, both to picture or wild.

Address inquiries to: Ralph Friedman, at the address above.