

Hotel & Motel Reservations

A postage-paid reservation card should be used to reserve accommodations at the Century Plaza Hotel. If the card is not used, be sure to mention the 112th SMPTE Conference when making your reservations since SMPTE registrants will receive a special reduced rate. We advise making your room reservations early because there is a limit to the number of rooms at the special rates. Rooms at the Century Plaza are being held for SMPTE registrants only until October 9.

Hotel Rates

	Standard	Medium	Deluxe
Single	\$25.00	\$31.00	\$39.00
Twin or Double	33.00	39.00	45.00
Suites	From \$68.00		

For those who do not wish to stay at the Century Plaza, the SMPTE has made arrangements at several motels near the Century Plaza to hold rooms especially for SMPTE Conference registrants. All of the following motels are no more than one mile from the Century Plaza. If you wish to stay at one of these motels, we recommend writing to them immediately.

Be sure to specify that your stay will be in connection with the SMPTE Conference.

Beverly Crest
125 S. Spaulding
Phone: 213/274-6801
Rates:
\$19-23 (Single)
23-27 (Double)
(\$4.00 each additional per.)

Royal Westwood Motel
2352 Westwood Blvd.
Phone: 213/475-4551
Rates:
\$12, 14 (Single)
16, 18, 20 (Double)

Los Angeles West Travelodge
10740 Santa Monica Blvd.
Phone: 213/879-9000
Rates:
\$13 (Single-1 per.)
17 (Single-2 per.)
18 (Double)

Cavalier Motel
10724 Wilshire Blvd.
Phone: 213/474-4561
Rates:
\$14-18 (Single-1 per.)
16-22 (Single-2 per.)
18-20 (Jr. Suite-1 per.)
21-23 (Jr. Suite-2 per.)
22-26 (Deluxe Suite-1 per.)
25-30 (Deluxe Suite-2 per.)
(\$3.00 each additional per.)

Del Capri Hotel
10587 Wilshire Blvd.
Phone: 213/474-3511
Rates:
\$14-16 (Single)
18-20 (Twin)
19-27 (2-room suite)

Beverly Hillcrest
1224 S. Beverwil Drive
Phone: 213/277-2800
Rates:
\$26-37 (Single)
31-39 (Double)

Advance Program

This Program is the scheduling of papers within the session. It is as accurate and complete as possible. Before the Conference, however, papers may be removed or rearranged into other sessions. The sessions are firm. Questions about specific papers or sessions should be addressed to Society Headquarters, Att: 112th Conference — Denis A. Courtney, Executive Director, (212) 867-5410; Program Chairman Dr. Frank P. Brackett, Jr., % Association of Motion Picture and Television Producers, Inc., 8480 Beverly Blvd., Hollywood, CA 90048, (213) 653-2200 or Symposium Chairman Frank P. Clark, AMPTP, at the address and telephone listed above. The Final Program, listing titles of papers, will be available ten days before the Conference from Society Headquarters. The Synopses Booklet will be available at the Conference.

SUNDAY — October 22

REGISTRATION, Noon to 5:00 p.m.

WINE & CHEESE PARTY — Evening

MONDAY MORNING — October 23

REGISTRATION, 8:00 a.m.

LABORATORY PRACTICES I

Treatment of Complex Cyanides for Reuse and/or Disposal
Thomas N. Hendrickson and Dr. Louis G. Daignault, *Computerized Pollution Abatement Corp., Leicester, N.Y.*

Datacuc Programmer

Robert P. Gyori and Fred J. Scobey, *DeLuxe General Inc., Hollywood, Calif.*

Computerized Printer and Process Control

David J. Degenkolb, Harold W. Larson, Manfred G. Michelson and Fred J. Scobey, *DeLuxe General Inc., Hollywood, Calif.*

Automated Information-Storage System for Use With Electronic Analyzers

W. D. Carter and B. Blumenthal, *Carter Equipment Co., Inc., Inglewood, Calif.*

A Multipurpose, Total-Immersion Contact Wet Printer

John Newell, *Western Cine Services, Denver, Colo.;* and
W. D. Carter, *Carter Equipment Co., Inc., Inglewood, Calif.*

GET-TOGETHER LUNCHEON — Noon

Guest Speakers: Jack L. Warner and
Roy B. White, *President, NATO*

AWARDS PRESENTATION

MONDAY AFTERNOON

LABORATORY PRACTICES II

(Concurrent with Photoinstrumentation)

Preferred Color Balance for Motion-Picture Prints Intended for Viewing on Television and With Xenon-Arc Projection

Richard W. Bauer, Alfred W. Fleischer and Woodlief Thomas, Jr., *Eastman Kodak Co., Rochester, N.Y.*

Factors Affecting Cleanliness of Motion-Picture Film

R. Westfall and E. Knutsen, *Eastman Kodak Co., Hollywood, Calif., and Rochester, N.Y.*

Film Splicing — Equipment and Techniques. Part I: A Historical Review of Prior Papers

J. L. Wassell and W. I. Vance, *Metro/Kalvar, Inc., Skokie, Ill.*

Film Splicing — Equipment and Techniques. Part II: A Modern Approach for Polyester Films

J. L. Wassell and W. I. Vance, *Metro/Kalvar, Inc., Skokie, Ill.*

PHOTOINSTRUMENTATION

(Concurrent with Laboratory Practices II)

"INSTAR" — A High-Speed Video System: A New Tool for Photoinstrumentation

Michel C. H. Chan, *Video Logic Corp., Sunnyvale, Calif.*

A New 16mm High-Speed Rotating-Prism Camera
Robert D. Shoberg, *Shotec, Inc., San Jose, Calif.*

Super 8 — A Tool for Photoinstrumentation
G. J. Pendley and D. H. Peterson, *Visual Instrumentation Corp., Glendale, Calif.*

A Report on the 10th International Congress on High-Speed Photography — Nice, France
Lincoln Endelman, *Perkin-Elmer Corp., Danbury, Conn.*;
Carlos H. Elmer, *U.S.A. Congress Delegate, Scottsdale, Ariz.*; and A. Earl Quinn, *SMPTE Vice-President for Photoinstrumentation Affairs, Eastman Kodak Co., Rochester, N.Y.*

TUESDAY MORNING — October 24

PHOTOSENSITIVE MATERIALS

Session Theme: *The Flexibility of Motion-Picture Film*
(Concurrent with Sound Recording and Reproduction and with Television Systems I)

Improved Emulsion and Processing Technology for Motion-Picture Color Negative Film
R. G. Anderson, G. L. Bonheyo, J. D. Clifford, A. D. Danielson, J. R. Hester and R. K. Schafer, *Eastman Kodak Co., Rochester, N.Y.*

A Short History of Eastman Color Film Stocks
Roderick T. Ryan, *Eastman Kodak Co., Hollywood, Calif.*

Finding Uses for Film the Manufacturer Did Not Intend
Sidney P. Solow, *Consolidated Film Industries, Hollywood, Calif.*

Improvisation in the Small Motion-Picture Laboratory
Clive Tobin, *Alpha-Cine Laboratory, Seattle, Wash.*

The Shrinking of Film Format and Equipment
William Newbern, *Educational Consultant, Hollywood, Calif.*

A Panel Discussion by the presenters of the papers announced will conclude this session.
Moderator: Neal Keehn, *DeLuxe General, Inc., Hollywood, Calif.* Representatives of Agfa-Gevaert, Fuji, Japan, and the 3M Company will complete the panel.

SOUND RECORDING AND REPRODUCTION

This session and demonstrations will be held in the ABC Entertainment Center next to the Century Plaza Hotel.
(Concurrent with Photosensitive Materials and with Television Systems I)

Further Considerations on the Use of a High-Quality Noise-Reduction System in the Production of Wide-Range Low-Distortion Optical Soundtracks (with practical demonstrations)
Ioan Allen, *Dolby Laboratories Inc., London, England*

Recording and Reproducing 16 Parallel Soundtracks Within 5mm Film Width
John C. McKechnie, *Naval Training Device Center, Orlando, Fla.*

An Improved System for Theatrical Reproduction of 35mm Optical Sound (with practical demonstration)
Robert Orban and John Delantoni, *Dax Company, San Mateo, Calif.*

Stereophonic Photographic Soundtracks
Ronald E. Uhlig, *Eastman Kodak Co., Rochester, N.Y.*

TELEVISION SYSTEMS I

(Concurrent with Photosensitive Materials and with Sound Recording and Reproduction)

Apollo 15 and 16 Ground-Command Television Assembly
Bert M. Soltoff, *RCA, Astro-Electronics Div., Princeton, N.J.*

Progress Report of the JCIC Ad Hoc Color Television Study Committee

K. Blair Benson, *Goldmark Communications Corp., Stamford, Conn.*

An Automatic Color VTR Programmer for Cable and Closed-Circuit TV

Keith Y. Reynolds, *International Video Corp., Sunnyvale, Calif.*

Recent Advances in Helical-Scan VTRs for Color Broadcast Editing

Keith Y. Reynolds, *International Video Corp., Sunnyvale, Calif.*

Automatic Skew Control for Cassette Videotape Recorders
Thorsten Cook, *Goldmark Communications Corp., Stamford, Conn.*

Chromium Dioxide Videotape for Helical-Scan Recorders
Leland K. Jordan, *E. I. du Pont de Nemours & Co., Inc., Newport, Del.*

TUESDAY AFTERNOON

TELEVISION SYSTEMS II

An On-Line Videotape Editing System
Richard E. Hill, *Consolidated Film Industries, Hollywood, Calif.*

Recent Developments in Electronic Indexing and Editing of Magnetic Tape
G. R. Swetland, *Electronic Engineering Co. of California, Santa Ana, Calif.*

Video Processing in the PC-100 Color Television Camera
Frederik J. Van Roessel, *Philips Broadcast Equipment Corp., Montvale, N.J.*

Television Receiver White Color: How Does It Affect Picture Quality?
Daan Zwick, *Eastman Kodak Co., Rochester, N.Y.*

The Average Picture Level of Some Television Films
Daan Zwick and Dan L. Brothers, Jr., *Eastman Kodak Co., Rochester, N.Y.*

Use of a Waveform Monitor in a Television-Film Preview Room
Daan Zwick, *Eastman Kodak Co., Rochester, N.Y.*

New Video-Signal Processing Systems for Teleproduction Applications
Gene R. Sarra, David E. Acker and C. Robert Paulson, *Television Microtime, Inc., subsidiary of Andersen Laboratories, Inc., Bloomfield, Conn.*

WEDNESDAY MORNING — October 25

MOTION-PICTURE TAKING SYSTEMS

(Concurrent with Television Systems III)

The AMPTP Electro-Explosive Safety System
Frank P. Clark and Petro Vlahos, *AMPTP Research Center, Hollywood, Calif.*

High-Pressure Xenon Lamp Safety — A Case History
Frank P. Clark, *AMPTP Research Center, Hollywood, Calif.*, and Richard B. Glickman, *Consulting Engineer, Sherman Oaks, Calif.*

Super 16 — A State-of-the-Art Report
Herb A. Lightman, *Editor, American Cinematographer, Hollywood, Calif.*

The Director Looks at Motion-Picture and Television Technology
Marc Daniels, *Director of Motion-Picture and Television Films, Hollywood, Calif.*

New Technology in Filmmaking — A Systems Approach
Edmund M. DiGiulio, *Cinema Products, Los Angeles, Calif.*

Decision Making in Camera Design

Roger W. Seymour Lee, *J. A. Maurer, Inc., Long Island City, N.Y.*

Exposure Control in Modern Cinematography (a tutorial paper)

Mehrdad Azarmi, *Photo Research, Div. of Kollmorgen, Burbank, Calif.*

The Snorkel Camera System for Motion-Picture and Television Production

N. Paul Kennworthy, Jr., *Kennworthy Snorkel Camera Systems, Inc., Los Angeles, Calif.*

TELEVISION SYSTEMS III

(Concurrent with Motion-Picture Taking Systems)

A Simple Motion Detector for Television Signals

Donald E. Pearson and Timothy J. Dennis, *University of Essex, Colchester, Essex, England*

A Color Converter and Its Application for Measuring Human Color Preferences in Color Television

Masao Sugimoto, Misao Ezawa and Takao Tamura, *Japan Broadcasting Corp. — NHK, Tokyo, Japan*

Gray-Scale Luminance Rendition in a Color Film-Television System

C. H. Evans and LeRoy E. DeMarsh, *Eastman Kodak Co., Rochester, N.Y.*

Optimum Gray-Scale Rendition in Television

LeRoy E. DeMarsh, *Eastman Kodak Co., Rochester, N.Y.*

Signal-to-Noise Ratio Measurements in TV Systems

George Stoepfel, *Rohde & Schwarz, Sunnyvale, Calif.*

In-Service Measurement of Continuous Random Noise Using the Vertical Interval

Charles W. Rhodes, *Tektronics, Inc., Beaverton, Ore.*

WEDNESDAY AFTERNOON

THEATER PRESENTATION PRACTICES

(Concurrent with Small-Format Film and Tape)

Improved Lubrication from Space Technology for Movie Film and Magnetic Media

A. C. Blaney, T. J. Loran and R. P. Pardes, *Ball Brothers Research Corp., Boulder, Colo.*

Measured and Observed Discrepancies of Screen Luminances

Yorick G. Hurd, *L. E. Carpenter & Co., Design & Roller Div., Norwalk, Conn.*

Theater Projection Screens: Tested Gain and Curvature for Optimum Efficiency

Glenn M. Berggren, *Wil-Kin Inc., Atlanta, Ga.*

Contour Shape of the 35mm Film at the Aperture During Actual Projection. Part I

Glenn M. Berggren, *Wil-Kin Inc., Atlanta, Ga.*

A Survey of Classroom Projection Conditions

Paul H. Preo and John R. Sullivan, *Eastman Kodak Co., Rochester, N.Y.*

Post-Production Aspects of Wide-Screen Films

Robert Rowen, *Kem Electronic Mechanic Corp., New York, N.Y.*

SMALL-FORMAT FILM AND TAPE

(Concurrent with Theater Presentation Practices)

Existing-Light Concepts in Motion-Picture Color Photography

Donald M. Gorman, *Eastman Kodak Co., Rochester, N.Y.*

Professional Prints for the Professional Super-8 Producer

Robert A. Colburn, *Geo. W. Colburn Laboratory, Inc., Chicago, Ill.*

A 24-Volt Standard for Audiovisual Equipment

Raymond Wyman, *University of Massachusetts, Amherst, Mass.*

Using Video for Business Communications

Harry E. Paney, *Arthur Andersen & Co., Chicago, Ill.*

Other papers to be announced.

COMMUNICATION SATELLITES AND CABLE TELEVISION—A Symposium

THURSDAY MORNING—October 26

SYMPOSIUM SESSION I

Introductory Remarks and Overview

Nathaniel E. Feldman, *The Rand Corp., Santa Monica, Calif.*

The Systems Analyst's Point of View. I

William F. Mason, *The Mitre Corp., McLean, Va.*

The Systems Analyst's Point of View. II

John L. Hult, *The Rand Corp., Santa Monica, Calif.*

The User's Point of View. I

Delmer C. Ports, *National Cable Television Association, Washington, D.C.*

The User's Point of View. II

Hubert D. Schlafly, *TelePrompTer Corp., New York, N.Y.*

THURSDAY AFTERNOON

SYMPOSIUM SESSION II

The Supplier's Point of View. I

Richard B. Marsten, *NASA, Washington, D.C.*

The Supplier's Point of View. II

John L. Martin, Jr., *Communication Satellite Corp., Washington, D.C.*

The Supplier's Point of View. III

D. J. G. Johnson, *Western Telecommunications, Denver*

The Regulator's Point of View. I

Walter R. Hinchman, *Office of Telecommunications Policy, U.S. Government, Washington, D.C.*

The Regulator's Point of View. II

Bernard Strassburg, *Federal Communications Commission, Washington, D.C.*

THURSDAY EVENING

COLOR IT RIGHT!

A Special Presentation by Columbia Broadcasting System.

FRIDAY MORNING—October 27

SYMPOSIUM SESSION III

Panel Discussion: Communication Satellites and CATV — Partners or Competitors?

Opportunity will be provided for the presentation of additional materials, rebuttals and further questions from the audience. The panel will be made up of speakers from Thursday's sessions and moderated by Dr. Wayne Howell, *Charles F. Kettering Foundation, Dayton, Ohio.*

FRIDAY AFTERNOON

COLOR IT RIGHT!

A Special Presentation by Columbia Broadcasting System.

ROUNDTABLE DISCUSSION: The Great Film-Tape Debate — Coexistence or Conflict

Panelists: Dr. Norwood L. Simmons, *Eastman Kodak Co., Rochester, N.Y.*, Joseph A. Flaherty, Jr., *CBS-TV, New York, N.Y.*, Sidney P. Solow, *Consolidated Film Industries, Hollywood, Calif.*, C. B. B. Wood, *British Broadcasting Corp., England*, Henry (Chip) Klerx, *RCA Corp., Camden, N.J.*, Jack Cook, *Videotran, Chicago, Ill.*, Richard Theile, *IRT, Munich, Germany*, and Charles Ginsberg, *Ampex Corp., Redwood City, Calif.* Moderator: SMPTE President Wilton R. Holm, *AMPTP Research Center, Hollywood, Calif.*