

# Ninth Annual SMPTE Winter Television Conference

## Jan. 24-25, St. Francis Hotel, San Francisco

For the second time in five years, the SMPTE will hold its annual Winter Television Conference in San Francisco. The last San Francisco Winter TV Conference in 1971 boasted a fine program of papers that attracted a strong turnout. The success of that meeting played a large role in SMPTE's decision to return to San Francisco.

Program Chairman **Charles Anderson**, Ampex Corp., was responsible for assembling the papers program. Four sessions are scheduled in the two-day meeting with a total of 24 papers set for presentation. A small equipment exhibit has been planned in conjunction with the papers program. The equipment described in papers given during the sessions will be demonstrated in a room adjacent to the meeting hall at hours before and after the sessions.

In addition to the technical program and exhibit, a Get-Together Luncheon is planned for Friday noon at the Hotel, and a Wine and Cheese Party scheduled for Friday evening at Eastman Kodak facilities.

### Advance Registration

To eliminate the possibility of waiting in line to register, please register in advance by mail. An advance registration form has been sent to all members. It should be returned with payment to SMPTE Winter TV Conference, 862 Scarsdale Ave., Scarsdale, NY 10583. Badges and tickets will be waiting for registrants at the Conference Registration Desk.

### Registration Rates

Member Registration (both days)	\$20.00
Nonmember Registration (both days)	25.00
Member Daily Registration	11.00
Nonmember Daily Registration	13.00
Friday Luncheon	8.50



**Charles Anderson**  
Program Chairman

### Hotel Room Reservations

A hotel reservation card should be used to reserve accommodations at the St. Francis. Cards have been sent to all members. To be assured of a reservation at the special Conference rates, mail the card to the hotel as soon as possible. If the card is not used, please specify that you will be attending the SMPTE Conference.

### Hotel Rates

	Main building	Tower
<i>Single</i>		
Standard room	\$25 flat	—
Medium	\$27-\$33	\$38-\$46
Deluxe	\$36-\$45	\$48-\$55
<i>Double</i>		
Standard room	\$35	—
Medium	\$37-\$43	\$48-\$56
Deluxe	\$55	\$58-\$65
<i>Twin</i>		
Medium	\$37-\$43	\$48-\$56
Deluxe	\$46-\$55	\$58-\$65

## Advance Program

This program contains the most accurate and complete information available at the time of publication. Questions about specific papers or sessions should be addressed to SMPTE Headquarters, Att: Lynne Robinson, Conference Programs Secretary, 862 Scarsdale Ave., Scarsdale, NY 10583, (914) 472-6606; or to Program Chairman Charles Anderson, Ampex Corp., 401 Broadway, Redwood City, Calif. 94063 (415) 367-2240. The final program with titles of papers, authors, and times of presentation, will be available from SMPTE Headquarters on January 14, and at the Conference.

### FRIDAY MORNING, January 24

- Local TV News — Triumphs and Tragedies  
Dow Smith, *KPIX, San Francisco, Calif.*
- The All Electronic News Gathering Station  
Joseph Flaherty, *CBS Television Network, New York City*
- Developing Trends in Film and Electronic News Gathering Techniques for Television  
Ed DiGiulio, *Cinema Products Corp., Los Angeles, Calif.*
- A Mid-Market Station Looks at Electronic News Gathering  
Ralph Hucaby, *WLAC, Nashville, Tenn.*
- A Film for Television News  
Paul Grigsby, *Eastman Kodak Co., Rochester, N.Y.*
- Application of Charge Coupled Devices in Television Systems  
Joseph Rothstein, *Fairchild Semiconductor, Palo Alto, Calif.*

### GET TOGETHER LUNCHEON — Noon

### FRIDAY AFTERNOON

- Videotape Preparation and Exhibition of Feature Films for CATV and Hotel/Motel Pay TV  
K. Blair Benson, *Goldmark Communication, Stamford, Conn.*
- Creative Use of Television for Corporate Training, Communication, and Sales Programs  
Walt Robson, *Hewlett Packard, Palo Alto, Calif.*
- Design Considerations in a New Broadcast Television Camera  
David Cooper, *International Video Corp., Sunnyvale, Calif.*
- Integrating the TCP-1624 Cartridge Film Projector Into Telecine Islands  
A. H. Lind, *RCA, Camden, N.J.*
- A New Television Waveform Monitor, Design Consideration and New Measurement Techniques  
Steve Kerman, *Tektronix, Beaverton, Oregon*
- Practical Limitations of Off-Air Pulse and Bar Performance Measurements  
T. M. Gluyas, *RCA, Gibbstown, N.J.*

## SATURDAY MORNING, January 25

Communications — The Necessity in a Dual Studio or Small Network Operation

David E. Wortman, *KOVR, Stockton, Calif.*

Semi-Automation of VTR Control

Charles A. Newman, *KPIX, San Francisco, Calif.*

A TV Man's Approach to Digital Control

Walter C. Nichol, *KPIX, San Francisco, Calif.*

Extended-Bandwidth NTSC Recording for Tape-to-Film Transfer

Bert Dann, *International Video Corp., Sunnyvale, Calif.*

Design and Manufacturing Considerations for a New Quadruplex Videotape Recorder

G. S. Moskovitz and J. R. West, *RCA, Camden, N.J.*

The Design for Increased Performance and Operating Simplicity of a Single Standard, Modular Quadruplex Videotape Recorder

Wm. Carpenter, *Ampex Corp., Redwood City, Calif.*

## SATURDAY AFTERNOON

Digital Video Made Easy

E. Stanley Busby, *Ampex Corp., Redwood City, Calif.*

Digital Video Recording for Television Broadcasting

Frank Davidoff, *CBS Television Network, New York City*

Digital Video and the CVS-600 Synchronizer

Wm. Hendershot, III, *Consolidated Video Systems, Santa Clara, Calif.*

The TBC-800 Digital Time Base Corrector

Mark Sanders, *Ampex Corp., Redwood City, Calif.*

Digital Video Processing at Four Times Color Sub-Carrier

John Lowry, *Digital Video Labs, Willowdale, Ont., Canada*

Interfacing a New Broadcast VTR Into Sophisticated Teleproduction Environments

Lee Marvin, *International Video Corp., Sunnyvale, Calif.*



San Francisco's cable car, the only mobile National Historical Landmark in the United States.

## New Sustaining Members

**Braun Electric Canada Ltd., 3269 American Dr., Mississauga, Ont. L4V 1B9**

Braun Electric Canada Ltd., through sole distributorship in Canada, provides "One-Stop Systems Shopping" for motion-picture and television production, with the highest quality equipment available: Arriflex 16mm and 35mm; Nagra audio recording system; laniro studio lighting; Multi-Track studio recording system; Synchrotec, the Canadian designed and produced "Flat Table" editing system; and Akai, the amazing 1/4-inch videotape recording and instant playback system, both black-and-white and color VTR.

*Address inquiries to:* Steve Cook, Gordon Nugent at the address above.

**MM Editing Systems, Inc. 321 West 44th St., New York, NY 10036**

MM Editing Systems is the new and sole distributor in Eastern U.S.A. of KEM products, such as the KEM Universal, a modular interchangeable and expandable (6-plate-8-plate) editing table, with a large picture, clear sound and quiet operation. In the 8-plate configuration, the editing table can take modules for three pictures and one soundtrack; two sounds; one picture three sounds; or four sounds blind. These combinations can be used in any combination of super 8, 16mm, super 16, 35mm, 70mm cinemascope, and techniscope, all with synchronous drive at 24 frames/s. KEM Universal 4-plate junior is a non-extendable editing table, utilizing the same modules and with the same interchangeability of the 6/8 plate Universal. The new KEM RS-Super (Rapid), is a compact 6-plate editing table interchangeable, with separate frame counter for each transport and the manual inching operation makes it a simple super synchronizer. KEM dubbing and transfer equipment is of the

highest quality in the audio field. It can be used for any film and sound application. There are service representatives in major cities.

*Address inquiries to:* the address above.

**Super 8 Sound, Inc. 95 Harvey St., Cambridge, Mass. 02140**

Super 8 Sound, Inc. was founded in 1972 and is engaged in manufacturing, distribution and retail sales of a complete line of Super 8 synchronous sound location recording, editing, studio and projection equipment. The Super 8 Sound Recorder, introduced in 1973, is a self-resolving sync recorder that uses full-coated Super 8 magnetic film. It is fully compatible with standard pilotone equipment and the new one-pulse-per-frame (1/F) digital sync standard. Other Super 8 location equipment includes cassette sync recorders, super 8 sound crystal camera controls, and super 8 sound silencers — lead-and-foam-filled barneys that reduce camera noise 6-8 dB. The Super 8 Sound editing bench is a double-system and single-system motorized editing facility incorporating differential rewinds and a sliding magnetic head assembly. Multi-channel recorders are available for super 8 studio sync work. The Super 8 Sound double-band projector permits interlock screening and rock and roll dubbing. Super 8 Sound has assembled complete super 8 production systems ranging from under \$2,000 to \$18,000 and provides consultation to film schools, industrial and educational filmmakers, and television film units on their specific system needs. Other super 8 accessories include super 8 fullcoat magnetic film, the super 8 Soundboom, a crystal sync generator, an AC Sync Generator, the photostart and projector sync modification kits. Super 8 Sound is a franchised dealer for Braun-Nizo, Canon, Elm, Hervic-Beaulieu, Eastman Kodak, EPOI-Nikon, Sony/Superscope and many other film and sound equipment manufacturers, and is the world's largest single supplier of Super 8 sync sound equipment.

*Address inquiries to:* the address above.