

The 23rd Annual SMPTE Television Conference

February 3-4, 1989, San Francisco, Calif.

The 1989 SMPTE Television Conference will focus on the latest developments in HDTV and other advanced techniques. It will be held Friday, February 3, and Saturday, February 4, 1989, at the St. Francis Hotel in San Francisco, Calif. The theme of the conference is "Better Video Images."

Program Chairman Peter Hammar, Hammar Communications, has scheduled production topics in the mornings and broadcast topics in the afternoons. The papers presentations will be divided into four sessions during the two-day conference, as follows:

- Friday Morning: Better Video Images in Current Production
- Friday Afternoon: Better Video Images in Current Broadcast
- Saturday Morning: Better Video Images in Future Productions
- Saturday Afternoon: Better Video Images in Future Broadcast

Technical Sessions

Friday Morning, February 3 Session A: Better Video Images in Current Production

Session Chairman: Sterling Davis

System-Wide Integration of Analog and Digital Component Video in a Post-Production Environment, Bob Frey, Pacific Video Resources, San Francisco, Calif.

Conversion to MII, A Major Broadcaster's Evaluation, David Layne, KCNC-TV, Denver, Colo.

601 — In Use, A. J. Mitchell, The Moving Picture Co., London, England

Naturalistic Camera Moves in Image Compositing, Richard Patterson, Ultimatte Corp., Reseda, Calif.

Component Digital Switching, Andy Sheldon, Abekas Video Systems, Inc., Redwood City, Calif.

Better Video Through Digital Post-Production Techniques, Bert Swackhamer, One Pass Inc., San Francisco, Calif.

The Gemini Process, Richard Thorne, The Post Group, Hollywood, Calif.

Friday Afternoon, February 3 Session B: Better Video Images in Current Broadcast

Session Chairman: Peter J. Ludé

International Transmission of HDTV Signals, Keiichi Kubota and Yuichi Iwadata, Science and Technical Research Laboratories of NHK, Tokyo, Japan

Broadcast Digital (DS3) Video Trail, Robert J. Blackburn, Bellcore, Morristown, N.J.

Living in Broadcasting's Standards "Ménage à Trois," C. Robert Paulson, Artel Communications Corp., Hudson, Mass.

Reduction of Multipath Effects in Broadcast Television, Melih Pazarci, IIT-ITTSC, Chicago, Ill.

Objective Measurement Methods of Motion Artifacts for 45-Mbit, NTSC, DPCM, Bit-Reduction Video Codecs, Howard Meiseles, Capital Cities/ABC, Inc., New York, N.Y.

Progress Report on Improved NTSC, Yves Faroudja, Faroudja Laboratories, Inc., Sunnyvale, Calif.

Saturday Morning, February 4 Session A: Better Video Images in Future Productions

Session Chairman: David J. Bancroft

Compatible Hierarchy of Studio Standards for HDTV, Jean Chatel, Thomson-CSF/LER, Sevigne, France

Engineering and Program Production Experience with HDTV, Norman Green, Independent Television Association, London, England

Financial Aliasing in the Application of HDTV Technology to Film Production, Charles A. Pantuso, Austin, Tex.

Second-Generation HDTV Camera, L. Thorpe, Sony Communications Products Co., Teaneck, N.J.

HDTV Graphic System, T. Fujimori, Sony Communications Products Co., Teaneck, N.J.

Future HD Video Production, Dr. Kotaro Wakui, Dentsu, Inc.; and Noboru Yura, Imagica, Toyko, Japan

NTSC-Compatible Advanced Television Transmission System and Implications for Studio Standards, S. Merrill Weiss, NBC, Inc., New York, N.Y.

Saturday Afternoon, February 4 Session B: Better Video Images in Future Broadcast

Session Chairman: Roy Trumbull

Hotel Rates

	Main Building	Tower
Single	\$120	\$141
Double/Twin	\$135	\$156
Suites	\$260-1155	\$400-1450

Registration Rates:

	Advance Rate	On-Site Rate
Member Registration w/Lunch	\$150.00	\$175.00
Nonmember Registration w/Lunch	\$175.00	\$200.00
Life Member w/Lunch	FREE	FREE
Life Fellow w/Lunch	FREE	FREE
Student Member	FREE	FREE
Student Nonmember	\$10.00	\$15.00
Spouses' Program	\$50.00	\$60.00
Get-Together Luncheon	\$35.00	\$40.00

The European Perspective on HDTV, John R. Forrest, Independent Broadcasting Authority, Hampshire, England

High-Definition Transmission, Signal Processing, and Display, William E. Glenn and Karen G. Glenn, New York Institute of Technology, Dania, Fla.

Spectrum-Compatible High-Definition Television, Ronald Lee, Zenith Electronics Corp., Glenview, Ill.

High-Definition Television and Today's Broadcasting World, Yozo Ono, NHK (Japan Broadcasting Corp.), New York, N.Y.

A Compatible High-Definition Television System Using the Noise-Margin Method of Hiding Enhancement Information, William F. Schreiber, MIT, Cambridge, Mass.

The Economic Impact of HDTV, Sidney Topol, chairman of EIA ATV Committee, Washington, D.C.

Evolutionary Approaches to Advanced Television: Making the Migration Possible, S. Merrill Weiss, NBC, Inc., New York, N.Y.

Hotel Reservations

Rooms are available at the Westin St. Francis Hotel (conference headquarters). Hotel reservations must be made on the registration card provided. This card should be received at the hotel by January 3 to get the special conference rate.

How to Obtain Reservations

Fill out the hotel form which you should have received from Headquarters. Send the card with the deposit to the hotel. **DO NOT MAIL HOTEL RESERVATIONS TO SMPTE.** The address is on the reservation form.

Reduced Rate Advance Registration

To avoid waiting in line and to save money, register in advance by mail. An advance registration form will be sent to all members. It should be returned by January 3 with payment in U.S. funds to SMPTE Registration, 595 W. Hartsdale Ave., White Plains, NY 10607, for U.S. and other registrants.

Refunds

Refunds will be given, after the Conference, to all requests received in writing at SMPTE Headquarters by Friday, January 27. No refunds will



View of San Francisco from bridge to bridge — San Francisco-Oakland Bay Bridge in foreground and Golden Gate at upper right.

be given for requests received after that date. All refunds are subject to a \$25 cancellation fee.

Get-Together Luncheon

The Get-Together Luncheon will be held on Friday at noon at the St. Francis Hotel. The guest speaker will be Julius Barnathan, president, broadcast operations and engineering, Capital Cities/ABC, Inc. Member and nonmember registration includes lunch.

Spouses Program

An interesting program of activities is planned for accompanying spouses under the direction of Chairwoman Susan Carlson. Friday's program, on "Cooking San Francisco Style," will feature a leading cooking school owner, author, and instructor who will demonstrate California spa cuisine. Following a tour of the test kitchen and shop, the spouses may enjoy the dishes prepared.

On Saturday, participants in the program will tour some of San Francisco's Victorian houses. Three postcard-quality homes, known as "Painted Ladies," will be visited, complete with tours by the owners giving the history of each house. Luncheon will be served in the dining room of one of the homes visited.

Friday Evening Reception

The traditional wine and cheese party, hosted by the local SMPTE

section, will follow Friday's technical sessions.

Engineering Committees

Various engineering committees will be meeting in San Francisco during the 23rd Television Conference. Times and dates are not yet finalized. Contact Si Becker at SMPTE Headquarters for more definite schedules.

Post-Conference Trolley Tour

Sunday, February 5 — \$35.00

Conference attendees are invited to an informal tour of San Francisco aboard Car No. 1, the first publicly-owned streetcar in America. This 1912 trolley will travel through San Francisco's historic neighborhoods, stopping at the classic Castro Theater for a concert on their mighty Wurlitzer. There will be wine, cheese, and box lunches on board, and the trip will conclude with a guided tour of the San Francisco Zoo and its world-famous primate center. The trip will take about four hours. Tickets are available from Headquarters.

Special Airline Rates

To assist attendees with their flight plans, American Airlines, in conjunction with the SMPTE, is once again offering discounted airfares to and from San Francisco during the conference. To take advantage of this service, call 800-433-1790 and ask for Star File #S16744.