

The 22nd Annual SMPTE Television Conference

January 29–30, 1988, Nashville, Tenn.

The 1988 SMPTE Television Conference promises to be one of the most exciting in recent years. It will be held January 29-30, 1988, at the Opryland Hotel in Nashville, Tenn. Based on the theme "Technology in Transition," the technical program will focus on the very latest developments in the industry and their impact on already existing technology, as well as examining the direction in which that technology is headed.

SMPTE Editorial Vice-President Howard T. La Zare, Deluxe Laboratories, Inc., has appointed J. Wayne Caluger, Caluger & Associates, as Program Chairman. The papers presentations will be divided into four topics during the two-day conference, as follows:

Friday Morning: Formats

Friday afternoon: Distribution and Processing

Saturday Morning: Planning and Maintaining Systems

Saturday Afternoon: Post-Production

Technical Sessions

Friday Morning, January 29

Formats

Welcome to the Conference: Howard T. La Zare, SMPTE Editorial Vice-President

Video Recording Formats in Transition, Koichi Sadashige, Consultant, Berlin, N.J.

Measuring and Maintaining Performance of C.A.V. VTR, Luke Freeman, Ampex Corp., Redwood City, Calif.

Technical Challenges of a New Small-Format DVTR, John Watney, Ampex Corp., Redwood City, Calif.

A New Approach to the D-1 Digital Television, Dr. Rolf Hedtke, BTS GmbH, Darmstadt, West Germany

The Application of High Hc Cobalt-Iron Oxide Tape for D-1 Digital Video Recording, K. Isesaka, Y. Fujimaki, T. Nakamura, S. Takahashi, Sony Magnetic Products, Inc., Japan; and K. Kobayashi, Sony Corp. of America, Park Ridge, N. J.

Diagnostics for a Composite DVTR, William Herz, Ampex Corp., Redwood City, Calif.

Flickerless 3-D Laser Video Disc System, T. Toyama, Y. Morita, and H. Watanabe, Sanyo Electric Co., Ltd.; and H. Isono, M. Yasuda, H. Kusaka, and M. Yamada, NHK Science and Technical Laboratories, Japan

Friday Afternoon, January 29

Distribution and Processing

Communications Between Analogue Component Production Centers, C. J. Dalton and A. T. Malcher, Independent Television Companies Association (ITCA), Teddington, Middlesex, England

Digital Interface Devices, Gerhard Wischermann, BTS Broadcast Television Systems GmbH, West Germany

Experience With a Digital Production Facility, C. J. Dalton and N. W. Green, Independent Television Companies Association, (ITCA), Teddington, Middlesex, U.K.

The Digital Production Center, Richard J. Taylor, Quantel Ltd., Berkshire, England

Real-Time Multi-Level Digital Compositing, Peter D. Symes, The Grass Valley Group, Inc., Grass Valley, Calif.

Television Signal Transmission Technology in Transition, C. Robert Paulson, Artel Communications Corp., Hudson, Mass.

NTSC-Compatible 6-MHz High-Definition Television Systems, A. B. Lippman, A. N. Netravali, E. H. Adelson, W. R. Newman, and W. F. Schreiber, Massachusetts Institute of Technology (MIT), Cambridge, Mass.

Noncompatible 6-MHz High-Definition Television Systems, W. F. Schreiber, A. B. Lippman, A. N. Netravali, E. H. Adelson, and D. H. Staelin, MIT, Cambridge, Mass.

Saturday Morning, January 30

Planning and Maintaining Systems

Computer-Aided Design in Facilities and Systems Integration, David Taylor and Ed Webster, Centro Corp., Salt Lake City, Ut.

Design of an Analog and Digital Component Facility, William C. Spencer, Tele-Systems International, Inc., Chesapeake, Va.

Fault Diagnosis in the Digital Television Studio, D. J. Bradshaw, British Broadcasting Corp. (BBC), London, England

Challenges to the Development of Studio Picture Monitor Specifications, Roland J. Zavada, Eastman Kodak Co., Rochester, N.Y.

Design Room Design and Monitoring Conditions for Accurate Stereo Imaging, Robert L. Todrunk, Valley Audio, Nashville, Tenn.

Test Signals for Stereo Audio, Ed Fritz, RTS Systems, Burbank, Calif.

Graphics for Engineers, Cathy Galvin, Ampex Corp., Redwood City, Calif.

Saturday Afternoon, January 30

Post-Production

List-Based Automation Comes to Audio, Jay Rose, Century III Teleproductions, Inc., Boston, Mass.

Audio for Video: The Integration of Digital, Oliver Morgan, EECO/Convergence, Santa Ana, Calif.

Digital Audio Storage in the Sirius-100, David E. Acker and Mack Leathurby, For-A Corp. of America, Newton, Mass.

Controlling Audio Mixers in Video Post-Production, Mike Patten, Graham-Patten Systems, Inc., Grass Valley, Calif.

System Considerations for Off-Line Video Disc Editing, Stanley D. Becker, CMX Corp., Santa Clara, Calif.

VITC and Perfs, Bob Nollner, Motion Picture Laboratories, Inc., Memphis, Tenn.

Equipment Exhibit

The 1988 Television Conference will include a comprehensive equipment exhibit in conjunction with the technical papers program. The exhibit will be limited to equipment that directly relates to the technical papers, allowing participants to examine in depth the new systems and technologies under discussion.

Local Arrangements Committee

Conference Vice-President Blaine Baker, MPL Inc., has appointed the following to serve on the local Arrangements Committee:

Registration

J. W. (Jim) Edwards
Tektronix, Inc.

Assistant Auditor

Buddy Gailey
Instrument Control

Facilities/Security

Ralph Hucaby
Radford and Associates

Display

Russ McCown

Membership/Hospitality

Duane Muir
Nashville Tech

AV/Opening Films

Mike Quinn
Midwest Communications

PA & Recording

Winston Tharp
Motion Picture Labs, Inc.

General Arrangements/Entertainment

Bill Watson

Motion Picture Labs, Inc.

Transportation

Lee Whitehurst
WSMV

Spouses Program

Scotty Whitehurst

Registration and Hotel Reservations

Members have been sent materials for pre-registration and hotel reservations. Registration will also be available at the conference. For additional information about registration and hotel reservations write to SMPTE, 595 West Hartsdale Ave., White Plains, NY 10607, or call (914) 761-1100.

Social Events

An exciting program of social events is planned for the 22nd TV Conference. A reception for all attendees will be held on Thursday evening, January 28, in the Washington Ballroom of the Opryland Hotel from 7 to 9 p.m. Guests will enjoy an evening of good food and wonderful music through the courtesy of the SMPTE Nashville Section. A Get-Together Luncheon will be held on

Friday, January 29, at noon at the Opryland Hotel, featuring guest speaker Joseph A. Flaherty, CBS. A full and exciting program for spouses has also been arranged, highlighted by a visit to historic Nashville and lunch at Union Station.

Grand Ole Opry Tickets

Tickets are available for seating at the Grand Ole Opry for two shows: Friday, January 29, at 7:30 p.m. and Saturday, January 30, at 9:30 p.m., at the rate of \$11.85 per ticket. To place your order, simply check off your choice of evening on the registration form sent to you, indicate the number of tickets you would like for that performance, and include the amount in your check. Tickets may be picked up at the SMPTE Registration desk beginning on Thursday, January 28. A full refund will be given up to 30 days prior to performance. Transportation is available from the Opryland Hotel.

Committee Meetings

Various engineering committees will be meeting in Nashville during the 22nd Television Conference. Further details will be available from Director of Engineering Si Becker at SMPTE Headquarters.



The exterior of the Opryland Hotel, site of the 22nd Annual Television Conference.