



The 140th SMPTE Technical Conference & Exhibit Pasadena, Calif., October 28-31, 1998

This year's conference was held at a new venue for SMPTE, the Pasadena Convention Center, on October 28-31, 1998. The four-day conference had as its theme DTV Reality Check—The First Year and was chaired by Alan J. Masson, Eastman Kodak Co., and Alan A. Hart, Modern VideoFilm. The event was put together under the supervision of Conference Vice-President John Mason, Eastman Kodak Co., and Editorial Vice-President Robert Kisor, Paramount Pictures. Activities included an all-day seminar followed by ten papers sessions over three days.

All-Day Seminar

Mark Schubin, technology consultant, was chairman of this year's all-day seminar titled DTV-Proven Solutions, presented on Wednesday, October 28.

This seminar discussed solutions to DTV that do not require reinventing the wheel. It included the first public report from the Top Down meetings of the Implementation Subcommittee of the Advanced Television Systems Committee (ATSC). It was an arena in

which program suppliers, broadcasters, and manufacturers of both consumer receivers and professional equipment tried to work out every technical detail of DTV.

Charles Poynton, Poynton Vector, and John Sprung, Paramount Pictures, offered tutorials. The seminar also included presentations from Dolby Labs, DirecTV, Panasonic, Pluto, Sony, Harris Corp., PBS, Video Post Productions, and a network panel including ABC, CBS, Fox, NBC, PBS, and Warner Bros.

The session auditorium was filled with people from the start to finish of this excellent seminar.

Technical Sessions

The Pasadena technical papers program had as its theme DTV Reality Check—The First Year. The theme and the program that supported it were right on target as attendance for the sessions was very high, in many cases standing room only. The following is a list of sessions and the chairs who participated in the program planning and operation.

- Image Acquisition, Session Chair:



John Sprung, Paramount Pictures

- Video Compression and Systems Interconnection, Session Chair: Phil Livingston, Panasonic
- Transmission and Receiver Technology—Reception Realities, Session Chair: Robert Seidel, CBS
- Video Compression and Systems Interconnection, Session Chair: Phil Livingston, Panasonic
- Telecine and Digital Electronic Post, Session Co-Chairs: Gary Morse, Warner Bros., and David Bancroft, Philips Digital Video Systems
- Sound Post-Production and Transmission, Session Chair: Chuck Meyer, NVision
- Film Laboratory and Theater Technology, Session Chair: Bobby Wayne Pinkston, Dolby Laboratories
- Servers and Video Data Management, Session Chair: Richard A. Mizer, Westport Media Resources
- Electronic Cinema—Progress Report: Movies as Data, Session Chair: Garrett Smith, Paramount Pictures
- Test and Measurement, Session Co-Chairs: David K. Fibush, Tektronix, Inc., and Neil Neubert, JVC

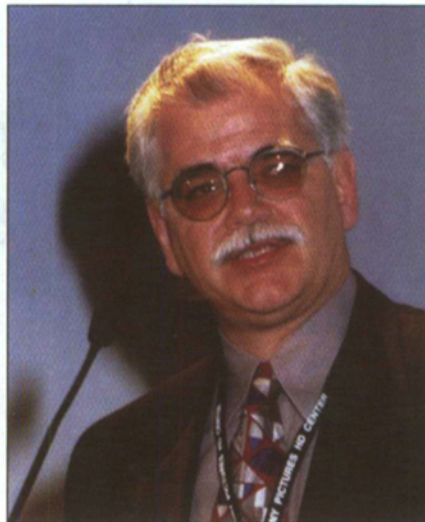


The conference registration area.

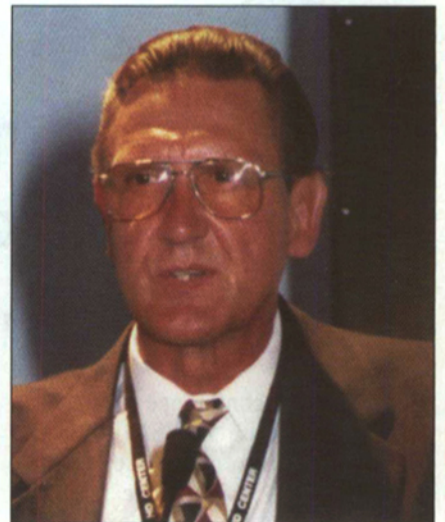
OPENING SESSION



SMPTE President David George welcoming guests.



Editorial Vice-President Robert Kisor addressing session attendees.



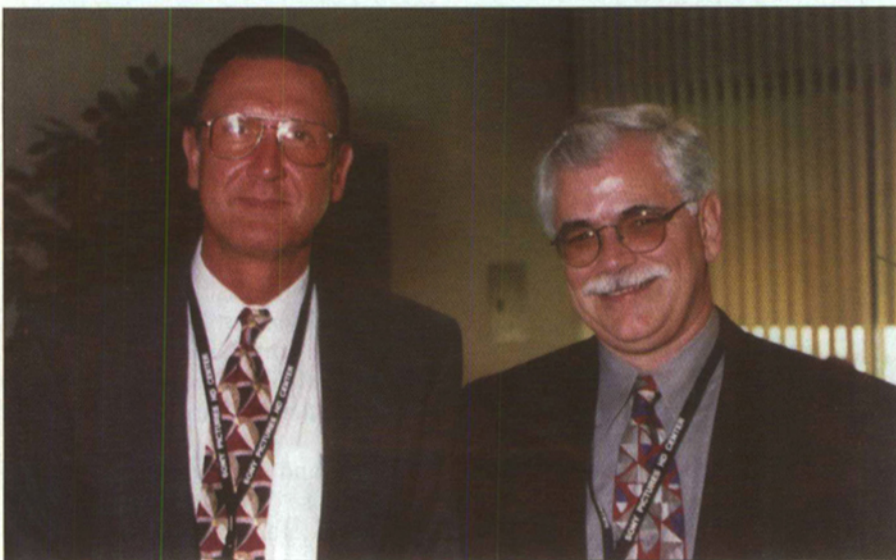
Conference Vice-President John Mason making some comments at the session opening.



Program Co-Chairs Alan Masson and Alan Hart.



Session Chair John Sprung.

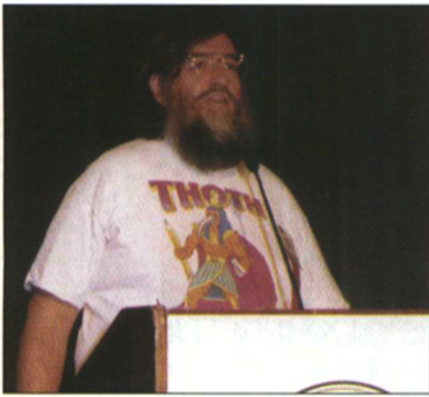


Conference Vice-President John Mason and Editorial Vice-President Robert Kisor.



Session Chair Phil Livingston.

ALL-DAY SEMINAR



All-Day Seminar Chair Mark Schubin.



The seminar attracted a sell-out crowd.



Mark Schubin opens the seminar with a few choice words.



Seminar speaker Jim Kutzner.

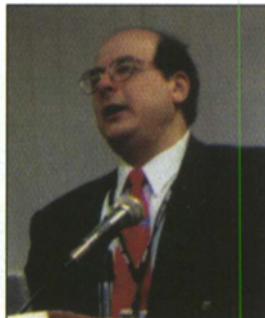


Seminar speaker Shannon Skemp.

PRESS BRIEFING



David George making some preliminary remarks at the EBU/SMPTE Press Briefing.



Engineering Vice-President William Miller speaking at the Press Briefing.



Merrill Weiss discusses the report of the Task Force for Harmonized Standards for the Exchange of Program Material as Bitstreams.



Horst Schachlbauer and Merrill Weiss, Task Force Co-Chairs.

JOHN GLENN LAUNCH



Some 400 attendees watched the John Glenn Space Shuttle Launch on HDTV receivers especially installed for the purpose.

INDUSTRY LUNCHEON



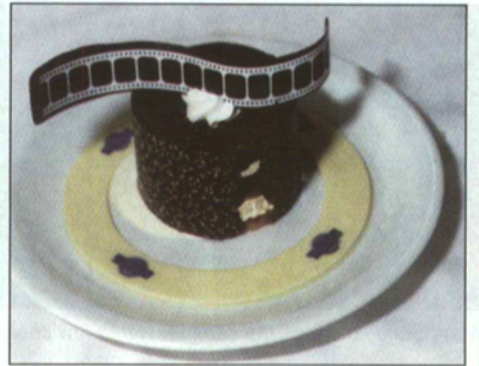
David George speaks to the luncheon guests as Executive Vice-President Charles Jablonski and Editorial Vice-President Bob Kisor look on.



Luncheon Guest Speaker Piedad F. Robertson, Superintendent/President of Santa Monica Community College.



Conference Vice-President John Mason speaking at the luncheon.



A special dessert, with the SMPTE logo embedded in a chocolate ring, was served to luncheon guests.



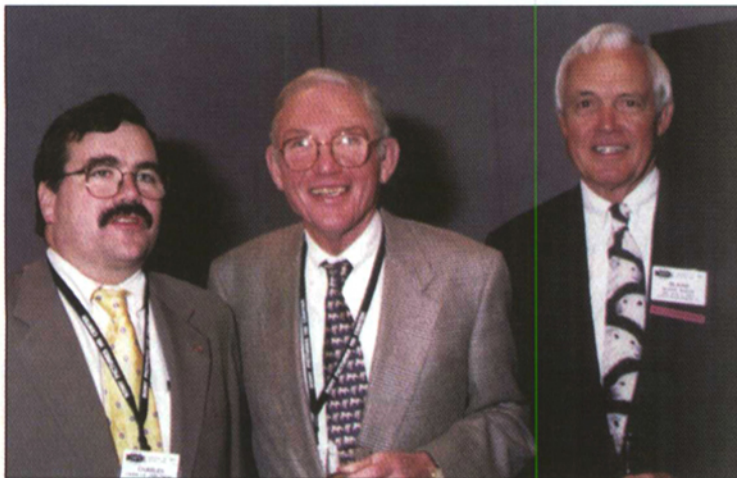
The luncheon dais.



Luncheon was served in a very large tent outside the convention center. The weather was perfect.



Partners Program participants at the Getty Museum. Back row, from left to right, Jacqueline Wilson, Olga Case, Deanne Horowitz, Christine Holmes, Edna Smith, Nancy Ray, Billie Bradford, Helen Erick, Pat Rorden, Veronica Artelsmair. Middle row standing, left to right, Marianne Luckett, Birgitta Hjelm, and Kay George. Seated, Ann Verner and Tom Luckett.



President-elect Charles Jablonski with former SMPTE Presidents Irwin Young and Blaine Baker.



Two of SMPTE's most distinguished Canadian members Education Director David S. Corley and Sections Vice-President Fung Lam.



Financial Vice-President Gavin Schutz (left) and Conference Vice-President John Mason.



Members of the SMPTE headquarters staff: top row, Ilisha Stier with President David George, bottom row, left to right, Linda Alexander and Zoila Figueroa.

Social Events

SMPTE's traditional social events have become favorites of conference attendees. They present opportunities to catch up with old colleagues as well as network with new acquaintances.

The Industry Luncheon was held on Thursday, October 29 in a large tent set up for the occasion behind the Convention Center. The weather was perfect for outdoor lunching. Dr. Piedad F. Robertson, Superintendent/President of Santa Monica Community College District, was the guest speaker.

SMPTE's Welcome Reception took place on Thursday evening. The reception was held in the exhibit area, so that visitors could kill two birds with one stone: eat some great food and see the latest in equipment.

Friday's Fellows Luncheon was most festive as many of the SMPTE's old timers gathered to meet their former colleagues and welcome the new group of Fellows into the fold. Andy Setos, senior vice-president, broadcasting operations and engineering, Fox Television, was the main speaker.

The Honors and Awards Reception, on Friday evening, featured the announcement of the society's awards for excellence in the motion imaging industry. SMPTE President David George, IMMAD, presented the awards to the worthy recipients. A section on the awards and recipients follows later in this article.

The Partners Program included a walking tour of Old Pasadena on Thursday and a tour of the Getty Museum on Friday. A continental breakfast was served each morning at the DoubleTree Hotel.

John Glenn Launch

One of the first digital transmissions by a local TV station was Los Angeles-based KTLA's broadcast of the John Glenn space shuttle launch. Approximately 400 attendees watched the send off live from KTLA off-air on channel 31 on a large screen HDTV receiver set up for that purpose.

Education Fair

A special Student Education Fair was held at the Convention Center on

Saturday of conference week. It was a very well attended event as dozens of students came to obtain career advice and information.

Exhibition

SMPTE's equipment exhibit was a complete sell-out with more than 70 companies participating in the show. A list of exhibitors appears at the end of this article.

Sponsors

SMPTE thanks the following companies for contributions and support of the conference.

- Audio Visual Headquarters, for the Speakers Lounge
- Next Frame, the University Film + Video Associations Touring Festival of International Student Film + Video, for supplying session opening films
- Panasonic, for the Industry Luncheon
- Silicon Graphics Computer Systems, for registration bags
- Sony Picture HD Center, for registration lanyards
- Technicolor, for the Partners Program

LIST OF EXHIBITORS

Artel Video Systems
Astro Systems, Inc.
Audio Accessories, Inc.
AVP Manufacturing & Supply, Inc.
Axon Digital Design B.V.
Barco
Bittree
Broadcast Store
Broadcast Technology Support Co.
Canare
Chyron Corp.
CLARiiON (Division of Data General)
CommScope, Inc.
Communications Specialties Inc.
Crispin Corp.
Data Check Corp./Prism Sound
DNF Industries
Dolby Laboratories, Inc.
DSC Laboratories
DTC Communications
DVS Digital Video, Inc.
Eastman Kodak Co.
Ensemble Designs
Evertz Microsystems Ltd.
Faroudja Laboratories
Force, Inc.
General Instrument



John Mason, left, and David George, officially open the equipment exhibit with the traditional ribbon cutting ceremony.

Gepeco International, Inc.
Hewlett-Packard Co.
Hotronic, Inc.
IBC (International Broadcasting Convention)
ITS (International Teleproduction Society)
Leader Instruments Corp.
Leitch
Lighthouse Digital Systems, Inc.
Logic Innovations
Maxell Corp.
Microvideo, Distributed by Ace Video
Microwave Radio Communications
Miller & Kreisel Sound
Miranda Technologies, Inc.
NDS Americas, Inc.
NEC America Inc.-Broadcast Equipment Dept.
Network Electronics AS
Neutrik USA, Inc.
NVision
Odetics Broadcast
Panasonic Broadcast and Digital Systems Co.
PESA Switching Systems
Philips
Planon Telexpertise Inc.
Protelevision Technologies
Quantel Inc.

Ross Video Ltd.
Sachtler Corp.
Scitex Digital Video
SeaChange International
Sencore Inc.
Silicon Graphics
Snell & Wilcox
Sony Electronics
Switchcraft, Inc.
Synctrix
SyntheSys Research Inc.
Tandberg Television
TEAM Systems, Inc.
Tektronix, Inc.
Telecast Fiber Systems, Inc.
Television Equipment Associates, Inc.
Thomson Broadcast
Tiernan Communications
Trompeter Electronics
VAS Group
Vid CAD Documentation Programs
Video Products Group
Videotek, Inc.
Wohler Technologies
Zack Electronics



The exhibit attracted a large audience.



A wide variety of equipment was displayed.



Visitors spent time at individual booths where the latest equipment was shown.

Honors and Awards

The Honors and Awards Program and Reception was held on Friday, October 30, 1998 at the Fountain Ballroom and Terrace/Foyer of the DoubleTree Hotel in Pasadena.

The Society annually presents awards in recognition of outstanding accomplishments. Certain practices and rules are common to all the awards. Award Committees consist of Honorary, Fellows, and Active Members of the Society confirmed by the Board of Governors. Nominations are developed through recommendations made by committee deliberation or by individual member nominations accepted and recommended by the committee. The committees forward their nominations to the Secretary/Treasurer of the Society in time for presentation and approval of the Board of Governors at their mid-year meeting. Awards are presented at the Fall Conference of the Society. The SMPTE congratulates the recipients on their achievements.

The Eastman Kodak Gold Medal Award

Sherwood Woody Omens, president, American Society of Cinematographers (ASC)

The Fuji Gold Medal Award

Dr. Peter Z. Adelstein, research associate, Rochester Institute of Technology

The John Grierson International Gold Medal Award

Jim Frazier, co-director, Mantis Wildlife Films Pty. Ltd.

The Technicolor/Herbert T. Kalmus Gold Medal Award

Ronald W. Jarvis, president, Technicolor World Wide Film Services

The Samuel L. Warner Memorial Medial Award

Etsuro Saito, general manager,

Research and Development Div., B&P System Co. of Sony Corp.

The SMPTE Journal Award

Katherine H. Cornog, consulting engineer, Avid Technology

The SMPTE Journal Certificate of Merit Award

David K. Fibush, consultant, Tektronix, Inc.

The Citation for Outstanding Service Award

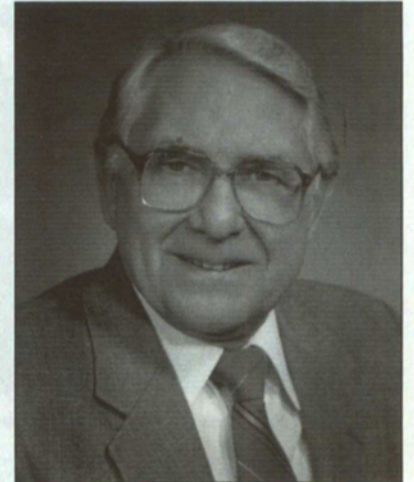
Paul R. Beck, director of engineering, Television/Radio/Film Group, Emerson College

Herbert Farmer, professor emeritus, University of Southern California, School of Cinema-Television

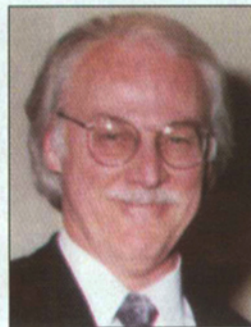
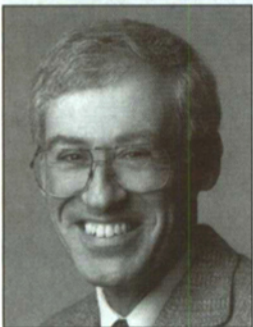
Rene Villeneuve, director of technical services and informatics, The National Film Board of Canada



SMPTE President David George addresses the Honors and Awards audience.



William H. Smith, new SMPTE Honorary Member.



Award winners left to right: Woody Omens (The Eastman Kodak Gold Medal Award); Peter Z. Adelstein (The Fuji Gold Medal Award); Jim Frazier (The John Grierson International Gold Medal Award); Ronald W. Jarvis (The Technicolor/Herbert T. Kalmus Gold Medal Award); and Etsuro Saito (The Samuel L. Warner Memorial Medial Award).



Award winners, left to right, Katherine H. Cornog (*The SMPTE Journal Award*); David K. Fibush (*The SMPTE Certificate of Merit Award*); Paul R. Beck (*The Citation for Outstanding Service to the Society Award*); Herbert Farmer (*The Citation for Outstanding Service to the Society Award*); and Rene Villeneuve (*The Citation for Outstanding Service to the Society Award*).

New SMPTE Fellows

A Fellow of the Society is one who has, by proficiency and contributions, attained an outstanding rank among engineers or executives in the motion picture, television, or related industries. Here is a list of SMPTE's new Fellows. Congratulations on your achievements.

George I. Benkowsky, director of engineering, CBS Television City

John W. S. Brooks, senior partner, Brooks/Fleming Associates

Arthur J. Cosgrove, senior engineer, standards development, Eastman Kodak Co.

Neil B. Feldman, president and owner, Video Post and Transfer, Inc.

Alan J. Masson, director of engineering, Eastman Kodak Co.

Fred Pfost, vice-president of engineering, A B D, Inc.,

Geoffrey A. Pryke, retired, London Weekend Television

Horst Schachlbauer, head of recording and archiving, IRT

John F. G. Wilson, chairman, IBC



Andy Setos, *Fellows Luncheon Guest Speaker*.



George I. Benkowsky



John W. S. Brooks



Arthur J. Cosgrove



Neil B. Feldman



Alan J. Masson



R. Fred Pfost



Geoffrey A. Pryke



Horst Schachlbauer



John F. G. Wilson