

# The 141st SMPTE Technical Conference and Exhibition



Over 2,000 industry professionals journeyed to New York City's Marriott Marquis Hotel to attend the 141st Technical Conference and Exhibition held on November 19-22, 1999. The four-day event, which was as successful as predicted, explored various areas in the advancement of digital technology and ways in which the industry is currently handling the transition to high-definition production and transmission.

The program, themed "Sprockets, Samples, and Satellites: Moving Imaging into the Third Millennium," was chaired by *Birney Dayton*, NVision, and *Linda Young*, DuArt Film and Video, and included an all-day seminar and ten technical paper sessions.

## All-Day Seminar

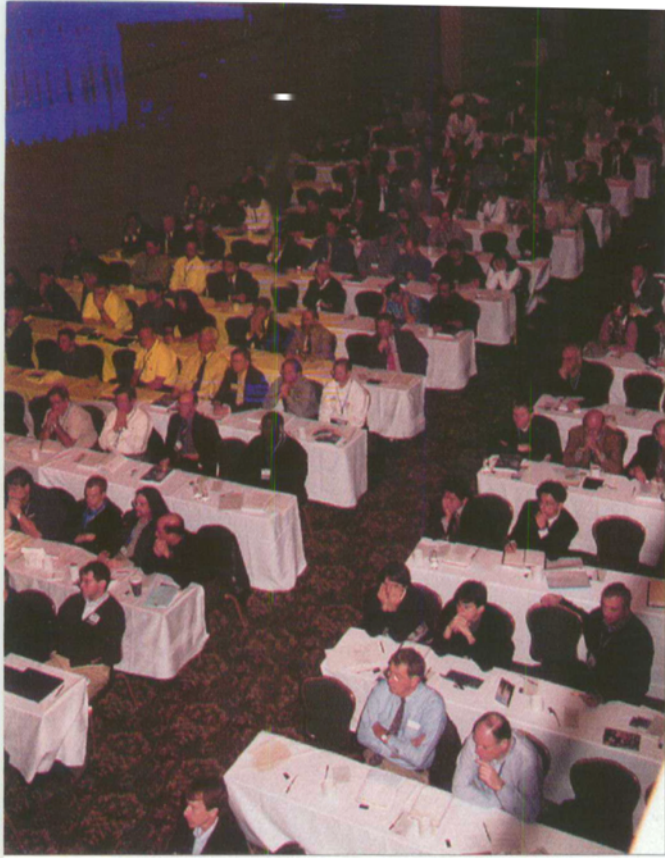
The all-day seminar, "Video By 1920/24P—A New Standard," kicked off conference activities on Friday, November 19. The seminar, chaired by *Gavin Shutz*, Four Media Co., included nine paper presentations: • Color for 1080/24 and Electronic Cinema, *Charles A. Poynton*, Consultant • Making 1080P/24 Succeed in DTV Post-Production,



Crowds gathered early to register for the 141st Conference.

*Dave Bancroft*, Philips Digital Video Systems • 24 Progressive, the Age-Old Telecine Processes Hit the Outside World, *Peter Swinson*, Cintel International • Neutrality—Can an HD Switcher/DVE Sit on all "Sides" of the Television Standards Fence? *Tracy Hopkins*, Snell & Wilcox • Multiple Image Formats and Multiple Frame Rate Television Production Systems, *Dave Wiswell*, Panasonic Broadcast & Digital Systems Co. • Managing the

Content Explosion with 24P Universal Editing + Mastering, *Michael Philips*, Avid Technology • Technical Aspects of the New World of Multi-Format DTV Embodying Progressive, Interlaced, and Segmented Frame Video Formats, *Laurence J. Thorpe*, Sony Electronics Inc. • Hybrid Mastering, *Patrick Byrne*, Discreet • Navigating the Rapids of DTV Standards Conversion, *Peter Wilson*, Snell & Wilcox

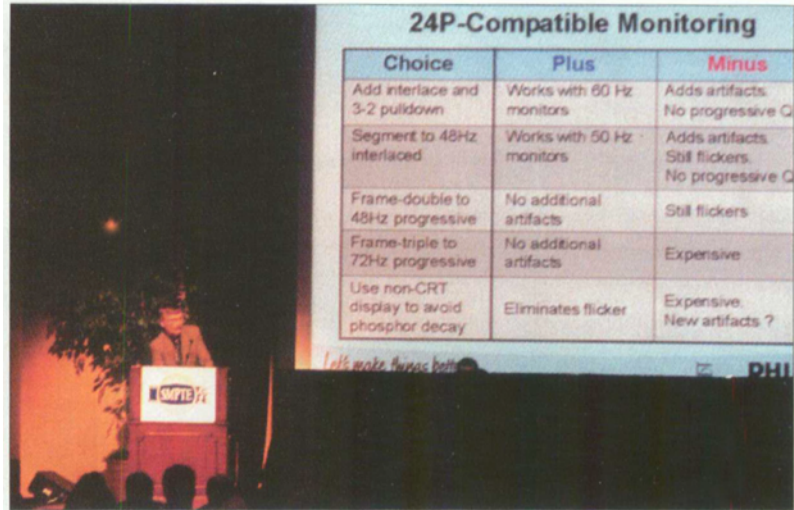


The All-Day Seminar on Friday was a standing room only event.

### Technical Program

The technical paper presentations, the core of the conference program, began on Saturday, November 20. The session topics and chairs were:

- Digital Post-Production, *John Galt*, Panavision.
- Non-Broadcast Digital Video, *Jay Adrick*, Harris Corp.
- Electronic Media Storage, *Al Kovalick*, Hewlett-Packard Co.
- Displays for the Theater and Home, *H. Loren Nielsen* and *Matthew*



Dave Bancroft, Philips Digital Video Systems, displaying signal processes at the All-Day Seminar.

*Cowan*, Entertainment Technology

- Networking for Production, *Hugo P. Gaggioni*, Sony Electronics, Inc.

- Capture and Production of News for DTV, *Karen C. Mills*, White Light Video

- Format Conversion, *Jim Kutzner*, Comark Digital Services of Thomcast Communications

- Audio Post-Production for DTV, *Steve Davis*, Crawford Audio Services/Crawford

- Film in the Digital World, *Timothy Spitzer*, The Tape House Editorial Co., and *Domenic Rom*, DuArt Film

- DTV Distribution Delivery, *Edmund A. Williams*, PBS

The complete program of paper presentations appeared in the *SMPTE Journal*, November 1999, p. 760.

### Social Events and Attractions

#### Industry Luncheon

The industry luncheon was held on Saturday, November 20. Speaker Joerg Agin, President, Entertainment Imaging, Eastman Kodak Co., discussed the challenges and opportunities facing motion imaging in the new millennium. Agin's speech is printed in this section of the *Journal*.

#### Fellows Luncheon

The Society honored 19 new Fellows at the annual Fellows luncheon on November 21. Charlie Steinberg, now retired from Sony, discussed the current status and future of the television industry.

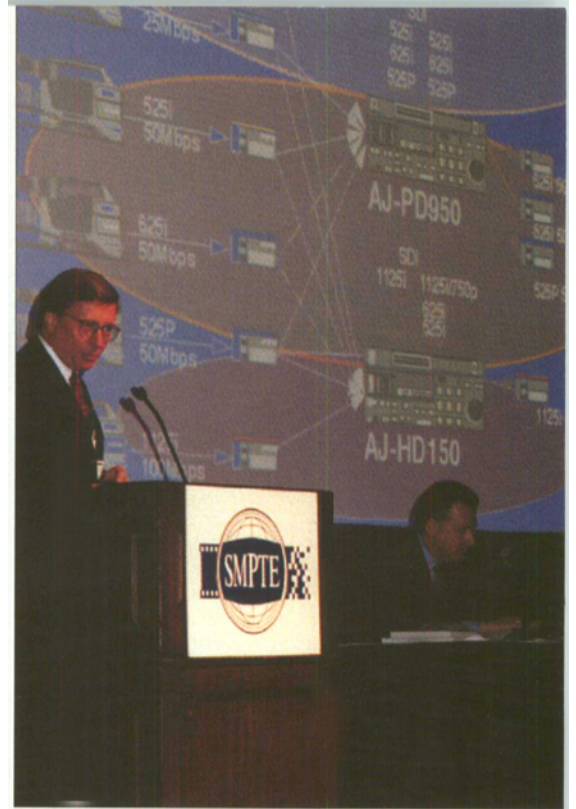
Honorees were *Mitchell J. Bogdanowicz*, Senior Research Associate, Eastman Kodak Co.;



Meeting and greeting at the Welcome Reception, a good opportunity to renew old friendships and make new ones.



The sessions attracted a record number of attendees.



An interesting display at the All-Day Seminar, chaired by Gavin Schutz (r).



Kim Aubrey, American Zoetrope, presented an interesting display at the session on Film in the Digital World. Co-chairs Dominic Rom and Timothy Spitzer moderated.

Stephen Champagne, Color Film Manufacturing, Eastman Kodak Co.; Katherine Cornog, Consulting Engineer, Avid Technology; Suzanne Donino, Senior Vice-President, Network Operations, Turner Entertainment Networks; Ray Feeney, President, RFX Inc.; John Galt, Vice-President, HD Technology, Sony Pictures High-Definition Center; Ira Harvey Goldstone, Vice-President Engineering and Technology, Tribune Broadcasting; Tsuneyoshi Hidaka, Associate Director,

Senior Chief Engineering, JVC Research Lab USA; Thomas M. Jordan, Vice-President, Sales and Marketing, Leitch Inc.; Kjell Kolstad, Senior Engineer, NRK, Norwegian Broadcasting Corp.; John Liron, Principal Engineer, Grass Valley Group Inc.; Karl Malkames, President, Karl Malkames Inc.; John L. Mason, Director of Worldwide Solutions and Emerging Filmmakers Programs, Eastman Kodak Co.; Michel Poulin, Standard Compliance Manager, Leitch Technology Intl.; Bruce Robertson, Executive Vice-President, Engineering, Nine Network Australia Ltd.; Johann Safar, Senior Manager, Industry Liaison and Technology, Panasonic Broadcast and Digital Systems Co.; Roger Sage, Managing Director, Soundfirm Australia P/L; Edmund A. Williams, Senior Engineer, DTV Planning Office, Public Broadcasting Services; and Henrikas Yushkiavitchus, Assistant Director-General for Communications, Information, and Informatics, Unesco.

## Honors and Awards Reception

The Honors and Awards Reception took place on Sunday, November 21 in the Marquis Ballroom. Nine SMPTE members were honored for outstanding achievement in the motion



SMPTE officers at the VIP Reception preceding the Industry Luncheon. (l-r) Past-President David George, Financial Vice-President Gavin Schutz, Editorial Vice-President Robert Kisor, and Secretary/Treasurer Edward Hobson.



*The Executive Committee at the VIP Reception. (First row, l-r) Thomas Jordan, David George, President Charles Jablonski, Fung Fai Lam, Gavin Schutz, Robert Kisor. (Back row) Edward Hobson, John Mason, and William Miller.*



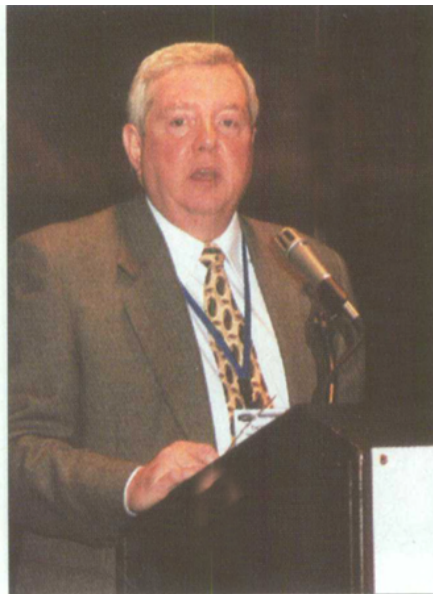
*Past-President David George, Sections Vice-President Fung Fai Lam, and Rene Villeneuve, members of the SMPTE Board from Canada.*



*After the introductions, luncheon was served.*



*President Charles Jablonski speaking at the Industry Luncheon.*



*Conference Vice-President Thomas Jordan greeting attendees at the Industry Luncheon.*

imaging industry. *LeRoy DeMarsh*, consultant, was awarded Honorary Membership; The SMPTE Progress Medal was awarded to *Mark I. Krivocheev*, Radio Research Institute, Moscow; *Tony Iles*, U.K., was the recipient of the Eastman Kodak Gold Medal Award; The Fuji Gold Medal was awarded to *Iain A. Neil*, Executive Vice-President, R&D Optics, Panavision; *Colin Low*, National Film Board of Canada, received the John Grierson International Gold Medal Award; The SMPTE Journal Award was presented to *Ioan Allen*, Dolby Laboratories, and *Al Kovalick*, Broadcast Products Group, Pinnacle Systems; *Vincent Slavin*, Vincent T. Slavin Productions, received the Citation for Outstanding Service to the Society; and *Colin Francis Mossman* received the Technicolor/Herbert T. Kalmus Gold Medal.



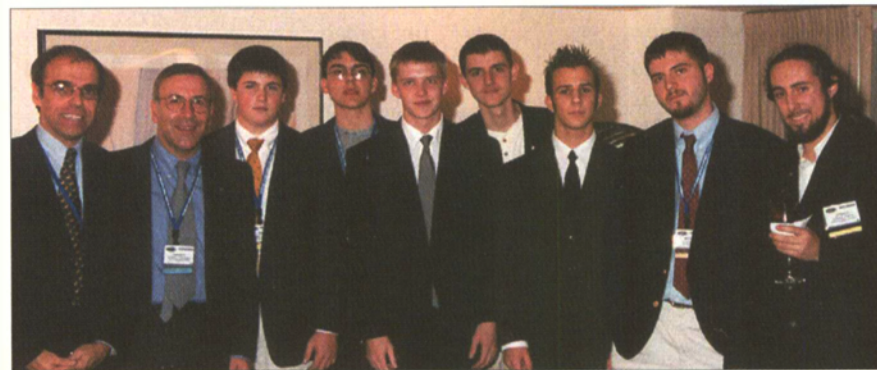
SMPTE officers at the Student Chapter Reception. In the center (first row) is President Charles Jablonski and to his right is Father Bartley MacPhaidin, president of Stone Hill College, home of one of our student chapters.



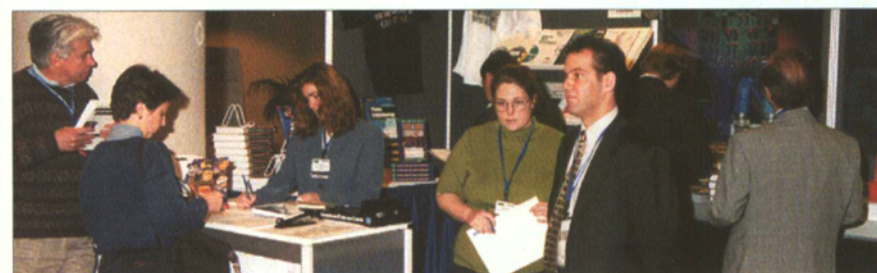
Honorary Membership was awarded to LeRoy DeMarsh during the Conference. DeMarsh is chair of the SMPTE Board of Editors.



Charles Steinberg was the guest speaker at the Fellows Luncheon.



The Mashpee Student Chapter was well represented at the Student Chapter Reception. To the left are Rene Villeneuve and SMPTE Governor Angelo D'Alessio.



Visitors to the SMPTE bookstore found many interesting items in addition to SMPTE publications.



At the Fellows Reception: New Fellow Karl Malkames and Life Fellow Ed Schuller.

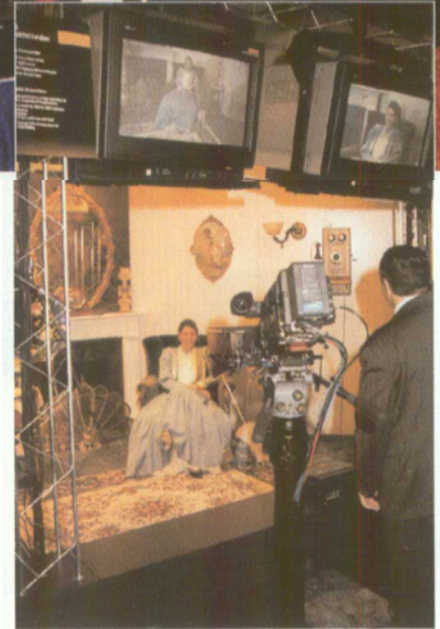


## Exhibition

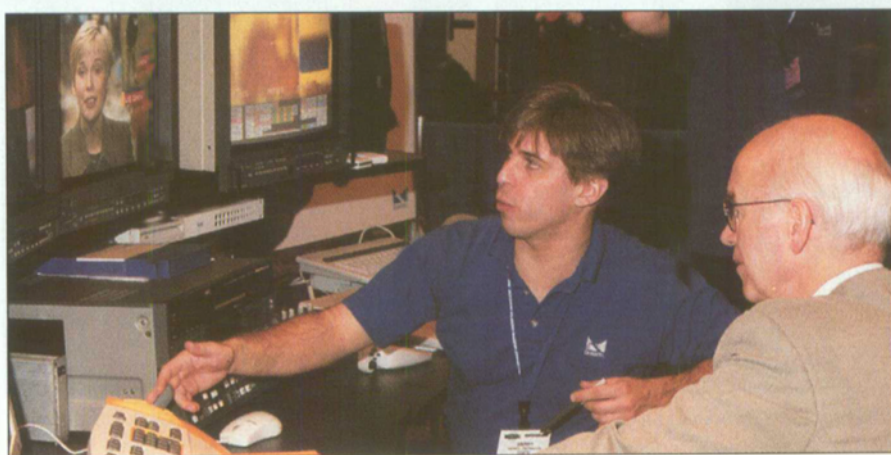
The Exhibition was as successful as those in previous years, with over 70 companies on hand to display the latest technological advances in the industry. SMPTE would like to thank those companies that participated:

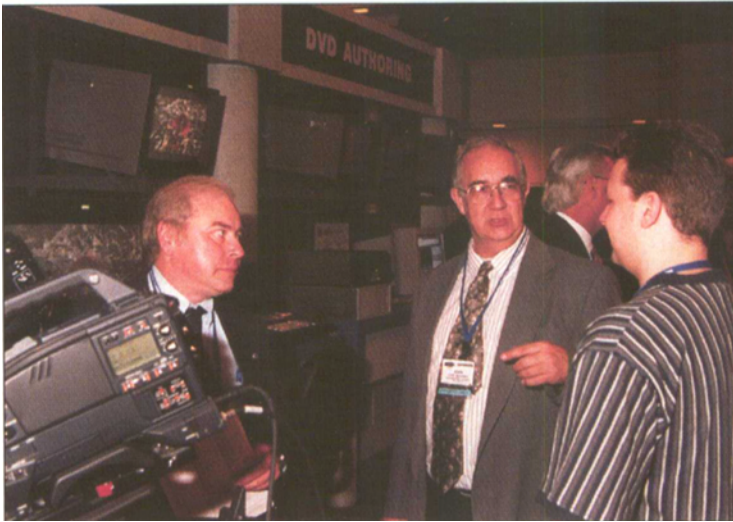
AccuWeather  
 Ace Video  
 Adaptive Broadband  
 ADC Telecommunications  
 Alcatel  
 Anton/Bauer  
 Astro Systems, Inc.  
 Audio Accessories, Inc.  
 Avid Technologies Inc  
 Axon Digital Design B.V.  
 Barco  
 Belden Electronics Division  
 Bi-Tronics

Bittree, Inc.  
 Broadcast Microwave Services  
 Broadcast Store  
 Chyron  
 Cintel  
 CommScope, Inc. of North Carolina  
 Communications Specialties, Inc.  
 Data Check, Division of Lavi Systems  
 Discreet  
 Dolby Laboratories Inc.  
 DVS Digital Video, Inc.  
 Evertz Microsystems Ltd.  
 Faroudja Laboratories, Inc.  
 Force, Incorporated  
 Fore Systems, Inc.  
 Forefront Graphics  
 Gepeco International, Inc.  
 Grass Valley Group



Intelvideo  
 Kings Electronics Co., Inc.  
 Leader Instruments Corp.  
 Leitch  
 Maxell Corporation of America  
 Miranda Technologies, Inc.  
 Mohawk/CDT  
 Multidyne Video & Fiber Optic Systems  
 NDS (Tandberg Television Inc.)  
 Nema Electronics  
 Network Electronics AS/Network  
 Optronics AS  
 NVision  
 Odetics Broadcast  
 Omnivue  
 Panasonic Broadcast & Television Systems Co.  
 PESA Switching Systems, Inc.  
 Philips  
 Quantel





Quartz Electronics Ltd.  
 RMC Sales  
 Rohde & Schwarz, Inc.  
 Ross Video Limited  
 Sierra Video Systems  
 Snell & Wilcox  
 Sony Electronics Inc.  
 Standard Communications Corp.  
 SyntheSys Research, Inc.  
 Tandberg Television  
 Tektronix, Inc.  
 Telecast Fiber Systems Inc.  
 Telestream, Inc.  
 Television Equipment Associates, Inc.  
 TeraNex, Inc.  
 Thomson Broadcast, Inc.  
 Tiernan Communications, Inc.  
 Trompeter Electronics

Vela Research  
 VidCAD Documentation Programs, Inc.  
 Video International Development, Inc.  
 Video Products Group, Inc.  
 Videotek, Inc.  
 Wavetek Wandel Goltermann  
 Wohler Technologies, Inc. and  
 Panorama DTV  
 Xyratex

### Sponsorships

The Society would also like to thank the following companies for sponsoring activities and contributing to this year's conference:

- Eastman Kodak Co.—Honors and Awards Reception
- Thomson Broadcast—Registration Bags

- Plus 8 Video—Registration Lanyards
- ABC • CBS • NBC—Welcome Reception
- Hughes-JVC • Panasonic—Audio Visual Equipment
- Geocast—Coffee Break

### Demo Rooms

This year's conference provided an added attraction. Some companies were able to demonstrate their new products in rooms set up for this purpose.

Cintel demonstrated C-Realty, the company's flagship product and only film scanner to scan true 2K data; Grass Valley Group provided a full line of digital video products; da Vinci demonstrated the 2K multiresolution color enhancement system; and SMPTE Working Group on Test Materials for Digital Television Systems Evaluation demonstrated the proposed sequences for a new test videotape in digital formats.

### Webcasting

Bexel Corp. provided webcasting of the all-day seminar on Friday, November 19. This program is linked to the SMPTE website at [www.smpte.org](http://www.smpte.org), for those interested in viewing the seminar online.

### Audiocassettes

Audiocassettes of the entire conference program are now available. Tapes may be purchased from Conference Copy, Inc., 8435 Route 739, Hawley, PA 18428; tel: (570) 775-0580; fax: (570) 775-9671; or visit the website at: [www.confcopy.com](http://www.confcopy.com) for a copy of the order form.

