

SMPTE NEWS & NOTES



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New Officers Take Over January 1, 1999

Charles Jablonski, NBC, took office as SMPTE president, January 1, 1999, succeeding David L. George who served as president for the 1997-1998 term and now begins a two-year term as Past President. John Mason, Eastman Kodak Co. begins a term as Executive Vice-President. Thomas M. Jordan, Leitch, Inc., elected Conference Vice-President by the SMPTE Board of Governors, will fill out the term vacated by John Mason. Edward P. Hobson, Omneon Video Network, is the newly elected Secretary/Treasurer.

Entering the second year of two-year terms are William C. Miller, ABC, Inc., Engineering Vice-President; Gavin Schutz, Four Media Co., Financial Vice-President; and Fung Lam, consultant, Sections Vice-President.

Editorial Vice-President Robert B. Kisor, Paramount Pictures Corp., was reelected to a new two-year term.

Don't Miss the SMPTE Advanced Motion Imaging Conference in Orlando

The 33rd SMPTE Advanced Motion Imaging Conference will be held February 25-27, 1999, at the Omni Rosen Hotel in Orlando, Fla. The theme of the conference is "Innovation, Implementation and Operations — The Challenges of Change."

Program Chair is Clyde D. Smith, Speer Worldwide Digital. Oliver Peters, Century III Productions, is chair of the Saturday All-Day Seminar.

Please see the flyer bound in the middle of this issue for information on the two-day technical session program and the all-day seminar. This will be one of the largest and most informative winter conferences SMPTE has had in a long time.

Register now for this exceptional meeting. Use the registration and hotel forms in the brochure.

SMPTE Co-sponsors Specialty Pavilion at NATPE '99

SMPTE will co-sponsor the Anifx Pavilion at NATPE '99, January 25-28, 1999, at the Ernest N. Morial Convention Center in New Orleans. Bringing together 17,000 executives from the global television industry, the NATPE Conference and Exhibition provides valuable insight into the latest trends in the industry.

The Anifx Pavilion will showcase technological innovations in special effects production. Be sure to visit SMPTE in Booth 3724 to renew your membership; to purchase books, standards, and test materials; or to register for the winter conference.

140th Technical Conference Proceedings Now Available to Everyone

Missed the October SMPTE conference in Pasadena? Catch up with *Proceedings* books! The *Proceedings* contain the

actual papers, complete with illustrations, presented at the 140th SMPTE Technical Conference and Exhibit, October 28-31, 1998, in Pasadena. The *1998 Proceedings* are \$50 for Members and \$65 for Nonmembers.

Proceedings are also available for the November 1997 Conference "Film and Video Origination in the Era of DTV Broadcasting." Don't miss out on important knowledge. Call Beverly Blakemore in publication sales today.

Membership Survey Gets Underway

SMPTE is working to provide you with increased professional value. All members will receive a questionnaire in the mail this month. We appreciate your input and look forward to your response. Please complete the survey and return it to SMPTE headquarters by January 22.

SMPTE to Participate in NAB

SMPTE has begun planning for the 1999 NAB convention that will be held in Las Vegas on April 17-22, 1999. The Society will again have a substantial presence with a booth in the center of action at the exhibit.

Members and nonmembers, too, are invited to Booth 17013 to meet SMPTE officers and staff, purchase SMPTE products and books, and interface with colleagues.

SMPTE will present an all-day seminar on April 17 at the Las Vegas Convention Center. Co-chaired by Richard Hess, National Teleconsultants, and Graham Jones, Harris Corp., the seminar will deal with issues of control and automation of new technologies in broadcasting. You can register on line at www.nab.org/conventions/

SAVE THESE DATES

January 25-28, 1999: NATPE '99, Ernest Morial Convention Center, New Orleans, LA

February 25-27, 1999: 33rd SMPTE Advanced Motion Imaging Conference, Orlando, FL

April 17-22, 1999: NAB99, Las Vegas Convention Center, Las Vegas, NV

June 10-15, 1999: TV Montreux 1999 International Television Symposium and Technical Exhibition, Montreux, Switzerland

July 13-16, 1999: SMPTE '99, Sydney, Australia

September 10-14, 1999: IBC99, Amsterdam, the Netherlands

November 19-22, 1999: 141st SMPTE Technical Conference and Exhibit, New York City

This information is available at the SMPTE Web Site: <http://www.smpte.org>.

January 1999

NEW CD-ROM



Standard, Recommended Practices
and Engineering Guidelines
for Television on CD-ROM

Television Standards

Completely alphabetized and computerized. ANSI approved SMPTE Standards, Recommended Practices and Engineering Guidelines for Television.

Published twice annually.



Installation:
All documents are .pdf files.
Requires:
Adobe Acrobat Reader
Windows 95 file
ar32e301.exe is included.
To view latest Acrobat
information, please go to:
<http://www.adobe.com/acrobat/>

ADDITIONS

- SMPTE 302M – Mapping of AES3 Data into MPEG-2 Transport Stream
- SMPTE 303M – Color Reference Pattern
- SMPTE 304M – Broadcast Cameras – Hybrid Electrical and Fiber-Optic Connector
- SMPTE 305M – Serial Data Transport Interface
- SMPTE 306M – 6.35-mm Type D-7 Component Format
- SMPTE 307M – 6.35-mm Type D-7 Component Format – Tape Cassette
- SMPTE 308M – MPEG-2 4:2:2 Profile at High Level
- SMPTE 310M – Synchronous Serial Interface for MPEG-2 Digital Transport Streams
- SMPTE 311M – Hybrid Electrical and Fiber Optical Camera Cable
- SMPTE 312M – Splice Points for MPEG-2 Transport Systems

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Get contact names, addresses and new product developments from a link on the SMPTE home page.

One of the resources SMPTE provides is a comprehensive web site. We have over 200 company descriptions including product information and Links to Sustaining Member home pages

***SEARCH SUSTAINING MEMBER LISTINGS AND
GET THE INFO YOU WANT WITH ONE CLICK!***

To access company listings, view the SMPTE web site at <http://www.smpte.org> and click on "Sustaining Members"





NATPE '99

ANIFX PAVILION

ANIMATION & LICENSING PAVILION

The world will be there... where will you be?

JANUARY 25-28, 1999 • ERNEST N. MORIAL CONVENTION CENTER • NEW ORLEANS, LA

The ANIFX Pavilion and the Animation & Licensing Pavilion at NATPE '99 provides you with an effective and affordable means of showcasing your visual effects/digital animation products, programming and services to nearly 18,000 television executives from around the world.

Plot your point in the digital matrix by positioning your company in front of the major players in the television industry. Confirm your place now in NATPE's ANIFX Pavilion sponsored by *Film & Video* magazine and the Society of Motion Picture and Television Engineers or in the Animation & Licensing Pavilion sponsored by *KidScreen* magazine.

Plan for your future success by reserving your space at NATPE today. Call Nick Orfanopoulos at: 310-453-4440



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Selected back issues are available. Contact the SMPTE Marketing Dept.

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Contact Marilyn Waldman: 914-761-1100; Fax: 914-761-3115; E-mail: mwaldman@smpte.org.

Microfilm

Copies of the *SMPTE Journal* are available on microfilm from University Microfilms Intl., 300 N. Zeeb Rd., Ann Arbor, MI 48106, USA.

Manuscripts

For information on the presentation and processing of manuscripts, see Information for Authors, which is published frequently in the *SMPTE Journal*.



SMPTE Book on Standards

STANDARDS FOR DIGITAL CONTROL INTERFACES

ESlan-1 and ESubus

SMPTE EG 30	Implementation of ESlan Standards	SMPTE EG 30	Implementation of ESlan Standards
SMPTE 275 M	ESlan-1 Remote Control System	SMPTE 275 M	ESlan-1 Remote Control System
SMPTE EG 29	Remote Control of Television Equipment	SMPTE EG 29	Remote Control of Television Equipment
SMPTE 207 M	Digital Control Interface — Electrical and Mechanical Characteristics	SMPTE 207 M	Digital Control Interface — Electrical and Mechanical Characteristics
SMPTE RP 113	Supervisory Protocol for Digital Control Interface	SMPTE RP 113	Supervisory Protocol for Digital Control Interface
SMPTE RP 138	Control Message Architecture	SMPTE RP 138	Control Message Architecture
SMPTE RP 139	Tributary Interconnection	SMPTE RP 139	Tributary Interconnection
SMPTE RP 163	System Service Messages	SMPTE RP 163	System Service Messages
SMPTE RP 171	Type-Specific Messages for Digital Control Interface of Analog Audio Tape Recorders	SMPTE RP 171	Type-Specific Messages for Digital Control Interface of Analog Audio Tape Recorders
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SMPTE 273 M	Status Monitoring and Diagnostics Protocol	SMPTE 273 M	Status Monitoring and Diagnostics Protocol

RELATED ARTICLES

VIMACS — A Vertical Interval Machine Control System
Report: Communication Networks for the Remote Control of Television Equipment

In the 1980s, serial and parallel digital techniques were increasingly employed for the machine control of studio broadcasting equipment. Issues relating to machine protocol were addressed on both sides of the Atlantic — in the U.S. by an SMPTE Engineering Working Group, and in Europe, by an EBU Specialist Group.

The results of that work, as well as more recent efforts by the SMPTE on the ESlan-1 network standard, which employs data transmission features that are in common use in the computer industry, have been published by the Society.

Standards for Digital Control Interfaces — ESlan-1 and ESubus is comprised of 14 standards, Recommended Practices and Engineering Guidelines that total 195 pages. It also includes two historically related background articles on this subject. If purchased separately, these documents would cost \$225.00. The book is available to members for \$55.00 and to non-members for \$65.00.

For Easy Ordering... the Society can now be accessed via the Internet, with an order form that allows you to e-mail your order directly to Headquarters. SMPTE's site on the World Wide Web is located at <http://www.smpte.org/>

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