

34th SMPTE Advanced Motion Imaging Conference

Fairmont Hotel, San Francisco, CA
February 3-5, 2000

“Bandwidth, Bitrate, and Resolution”

Scenic San Francisco is the site for the 34th SMPTE Advanced Motion Imaging Conference, to be held on February 3-5, 2000 at the Fairmont Hotel. The program, themed “Bandwidth, Bitrate, and Resolution,” will address an array of topics relating to audio and video. Charles Hintz, CSU-Hayward, and Richard Mizer, Digital Ventures Diversified Inc., are in the process of compiling the conference program, which begins on Thursday, February 3 with an all-day seminar, followed by a technical program comprised of four paper sessions, starting on Friday, February 4.

All-Day Seminar Thursday, February 3

Morning Session

Audio Tutorial

Session Chairs: *Ioan Allen, Steve Vernon*, Dolby Laboratories
Topics: Nyquist Criterion; Shannon Theory; Reed-Solomon Coding Techniques; Audio Coding and Bandwidth; AC-3

Afternoon Session

Video Tutorial

Session Chair: *Dave Fibush*, Tektronix
Topics: MPEG Compression; Modulation Schemes (e.g., ATSC, 8-VSB, 256 QAM); IEEE 1394 Firewire

Technical Program Friday, February 4

Morning Session

Acquisition

Session Chairs: *Laurence Thorpe*, Sony Electronics, Inc.; *John Carlson*, Monaco Film Labs
Topics: Lenses; Cameras; Lighting; Display Interface; Display Resolution

Afternoon Session

Compression/Transmission

Session Chairs: *Robin Wilson*, Divicom; *Brad Medford*, Pacific Bell
Topics: Test and Measurement of MPEG-2 Streams; Common Carrier; Cable; Non-Broadcast Delivery; Demultiplexing; Synchronization; Decoding; IRD Issues

Saturday, February 5

Morning Session

Switching/Storage

Session Chairs: *Rick Reagan, Beth Rogozinski*, SGI
Topics: Optical vs. Electrical Standards; DVD vs. Tape vs. Disk vs. Optical Storage Technologies; Streaming vs. Broadcast; Server Architectures Beyond SAN

Afternoon Session

Exhibition

Session Chairs: *Garrett Smith*, Paramount Pictures; *Phil Livingston*, Panasonic Broadcast & Digital Systems Co.
Topics: Electronic Cinema; Progressive vs. Interlaced Displays; Picture Quality in a Compressed World

Air Travel Discounts

SMPTE is pleased to announce that it has been able to secure a special discount agreement with United Airlines unavailable to the general public.

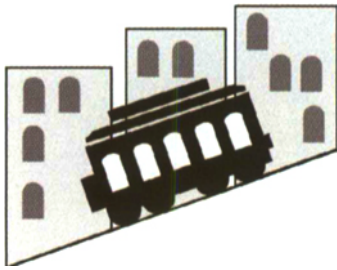
A 5% discount off the lowest applicable fare will be offered only when you or your travel agent call United's toll-free number 1-800-521-4041 and refer to the Meeting ID Number 558HN. A 10% discount off the unrestricted mid-week coach fares is available when purchased 7 days in advance. An additional 5% discount will apply when tickets are purchased at least 60 days in advance of the travel date. Discounts apply only on United, Shuttle by United, and United Express. Dedicated reservationists are on duty 7 days a week, 7:00 a.m. to 12:00 midnight EST. Book early to take advantage of promotional fares that give you the greatest discount. Mileage Plus members receive full credit for all miles flown to this meeting.

Sponsorships

Companies and/or organizations are encouraged to promote their products and services by sponsoring seminars, receptions, coffee breaks, or registration material. Contact Ilisha Stier, at Headquarters, for a complete list of options. Her e-mail address is istier@smpte.org.

Additional Information

The *Journal* will publish additional information as it becomes available. You can also check the website at www.smpte.org.



SMPTE 34th Annual Advanced Motion Imaging Conference

"Bandwidth, Bitrate, and Resolution"

February 3-5, 2000 • Fairmont Hotel • San Francisco, CA
950 Mason Street
San Francisco, CA 94108

Conference Registration Form

Registration Selection:

Please mark the package and tickets desired.

	Early Bird:	
	On or before 1/26/99	After 1/26/99
Full Conference: Member	\$400 <input type="checkbox"/>	\$500 <input type="checkbox"/>
Full Conference: Nonmember	\$600 <input type="checkbox"/>	\$700 <input type="checkbox"/>
Life Member/Life Fellow	\$ 50 <input type="checkbox"/>	
Sessions Only: Member	\$250 <input type="checkbox"/>	\$300 <input type="checkbox"/>
Sessions Only: Nonmember	\$350 <input type="checkbox"/>	\$400 <input type="checkbox"/>
Seminar Only: Member	\$200 <input type="checkbox"/>	\$300 <input type="checkbox"/>
Seminar Only: Nonmember	\$400 <input type="checkbox"/>	\$500 <input type="checkbox"/>
Student Member	\$ 50 <input type="checkbox"/>	
Student Nonmember	\$ 75 <input type="checkbox"/>	
Speaker	\$250 <input type="checkbox"/>	

Extra Tickets:

Welcome Reception	\$ 40 <input type="checkbox"/>	SMPTE Member?
Get-Together Luncheon	\$ 50 <input type="checkbox"/>	Yes _____ No _____
Partners Program	\$150 <input type="checkbox"/>	

Membership Number: _____

Partners Name: _____

Attention Non-Members!

Avoid paying \$200 more than members by joining SMPTE now at \$95 annually, and receive the SMPTE Journal, monthly. Check the "New Member" option below and add \$95 to the "Full Conference Member" rate.

Please check one and complete a membership application:

- New Membership \$95
- Renewal \$95
- New Student Membership \$25

Total Amount Due (U.S. Dollars) \$

Special Needs: Please check here if you have a disability and may require special accommodation. We will contact you.

Payment Method (U.S. Dollars)

Check (payable to SMPTE) MC Visa AmEx

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Registration Packages

- **Full Conference Registration:** Includes all sessions, Thursday seminar, tickets for the Welcome Reception and Get-Together Luncheon .
- **Sessions Only:** Includes all sessions, tickets for the Welcome Reception and the Get-Together Luncheon.
- **Seminar Only:** Includes admission to the Thursday Seminar including lunch.
- **Life Members & Life Fellows:** Includes all sessions and the Thursday seminar. Tickets to the Welcome Reception and Get-Together Luncheon are extra.
- **Students:** Includes all sessions, Thursday seminar and tickets for the Welcome Reception and Get-Together Luncheon.
- **Speakers:** Includes all sessions, Thursday seminar, tickets for the Welcome Reception and Get-Together Luncheon.

Changes & Cancellations

- Cancellations must be requested in writing and sent to SMPTE via mail or fax.
- A \$50 administrative fee will be incurred on all cancellations.
- No REFUNDS or CANCELLATIONS will be accepted if postmarked after January 21, 2000

Return Completed Form to SMPTE:

Via fax: (914) 761-3115



or via mail to: 595 West Hartsdale Ave.
White Plains, NY 10607

To register on the web and for the most updated conference information, visit our web site at www.smpete.org.

No Registrations will be accepted at headquarters after January 21, 2000.
All registrations after that date must be purchased on site.



SMPTÉ



595 W. Hartsdale Avenue, White Plains, NY 10607-1824
Telephone: (914) 761-1100 • FAX: (914) 761-3115

E-Mail Addresses • General: smpte@smpte.org • **Administration:** execdir@smpte.org • **Editorial:** journal@smpte.org •
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