



## SMPTE Advanced Television and Electronic Imaging Conference Chicago Marriott Hotel, February 3-5, 1994

The SMPTE will hold its annual Advanced Television and Electronic Imaging Conference at Chicago's Downtown Marriott Hotel Feb. 3-5, 1993.

A one-day tutorial on Compression: Expectations and Realities will start the conference on Thursday, February 3. Then, on Friday and Saturday, February 4 and 5, two-day program of technical sessions will be presented. The tentative session outline is as follows:

- I. Acquisition and Conversion for Resolution Independence
- II. Manipulation of High-Resolution Data
- III. Advanced Transmission and Distribution Techniques
- IV. High-Density Storage
- V. Testing in a Digital Production/ Post-Production Environment
- VI. Discussions with Users Involved in Pilot Projects; Applying Technologies

According to SMPTE Editorial Vice-President David George, Imagineering, Ltd., the program is being put together by Program Chairmen Jim Pianowski, Sony, and

Steve Robinson, Serial Scene. The General Arrangements Chairman of the Conference is Don Adydan, Post Effects.

A number of papers have been submitted for consideration for the program. The following papers have been submitted for consideration for the conference program, as of October 25. Final selection of papers will be announced soon. Check with SMPTE Headquarters, (914) 761-1100, for updates.

*Visual Investigation on the Head-Tape Interface in a HDTV Digital Baseband VCR*, Takeshi Ebihara, Jun Itoh, Yasuo Ohtsubo, and Atsushi Takahashi, Research and Development Center, Toshiba Corp., Kawasaki, Japan

*TV Delivery Over Existing Phone Lines*, Peter F. Prunty, Fusion Data Comm, New Rochelle, N.Y.

*Performance Evaluation: From NTSC To Digitally Compressed Video*, William Y. Zou, PBS, Alexandria, Va.

*Digital Multi-Media: Now That I've Got It, Where Do I Put It?*, Martin J. Stein, Ampex Systems Corp., Redwood City, Calif.

*A Vertical Network Approach to*

*Multimedia*, Steve A. Day, American Lightwave Systems, Inc., Meriden, Conn.

*525, 1:1, Progressive Scanning Television Camera with 16:9 Aspect Ratio*, N. Wada and Shoji Nishikawa, Matsushita Electric Industrial Co., Ltd., Osaka, Japan; K. Itakura, Matsushita Electronics Corp., Osaka, Japan; and A. Hori and T. Kurosaki, Nippon Television Network Corp., Tokyo, Japan

*Subjective Testing of Broadcasting Quality Compressed Video*, William Y. Zou and Keith Ellsworth, PBS, Alexandria, Va.; Paul Hearty, CRC/ATEL, Alexandria, Va.; and James A. Kutzner, Twin Cities PTV, Alexandria, Va.

*Artificial Reality Television System*, Terrenz Sword, Graven Images, Marina Del Rey, Calif.

*Digital Disk Recorder Technology — A Case for Magnetic Disk Arrays*, Christopher L. Romine, Sierra Design Labs, Incline Village, Nev.

*Video On Demand: Architecture, Systems, and Applications*, Winston Hodge, Hodge Computer Research Corp., Orange, Calif.; Stuart Mabon,, Micropolis Corp.,

Chatsworth, Calif.; and John T. Powers, Jr., Hodge Computer Research Corp., Orange, Calif.

*Scalable Speed Search Technique for Digital VCR's*, M. Kobayashi, A. Takeuchi, Y. Hamamoto, C. Yamamitsu, and I. Arimura, Audio Video Research Center, Matsushita Electric Industrial Co., Ltd., Osaka, Japan

*Synchronous Digital Fiber Optic Networks for Video Transmission*, Ken Regnier, C-Cor/Comlux, Inc., Fremont, Calif.

*Image Restoration for High Quality MPEG and CCITT Video*, Richard Bruno, Prism Interactive Corp., Wheaton, Ill.

*An Image Enhancer for a Small HDTV CCD Camera*, K. Mitani, Y. Fujita, NHK Science and Technical Research Laboratories, Tokyo, Japan; and H. Kanno, Matsushita Communication Industrial Co., Ltd., Tokyo, Japan

*Adoption of Wavelet-Based Video Compression for Interlaced Material*, John Huffman, Aware, Inc., Cambridge, Mass.

*Hierarchical TV Transmission by Spread Spectrum Multiplex*, Y. Ito, H. Hamazumi and H. Miyazawa, NHK Science and Technical Research Laboratories, Tokyo, Japan

*Computer Controlled Digital HDTV Chroma-key*, Z. Misawa, K. Nakajima, T. Iwamoto, and S. Shimoda, NHK Japan Broadcasting Corporation Development Center, Tokyo, Japan

*Interfacing Digital & Analog TV Systems: The Facts on Format Conversion*, Michel Proulx, Leitch, Inc., Chesapeake, Va.

*The Merging of Computer and Video: Using Ethernet and SCSI for Digital Video Input and Output*, Stephen Kilisky, Abekas Video Systems, Redwood City, Calif.

*From Post-Production to the Cinema of the Future (Part 1)* Richard A. Mizer, Pacific Bell, San Ramon, Calif.

## LUNCHEON AND EVENING RECEPTION

The SMPTE Annual Get-Together Reception and Luncheon, featuring a prominent industry speaker, will be

## REGISTRATION RATES:

	ADVANCE	ON-SITE
Member - Conf.* & Tutorial	\$350	\$400
Member - Conf. only*	\$250	\$300
Nonmember - Conf.* & Tutorial	\$450	\$500
Nonmember- Conf. only*	\$330	\$380
Life Member/Life Fellow - Conf. only*	Free	Free
Student Member - Conf. only	Free	Free
Student Nonmember - Conf. only	\$50	\$60
Tutorial Only	\$125	\$150
Students - Tutorial only	\$75	\$90
Get-Together Luncheon	\$40	\$50

\* Includes Luncheon(s)

Receipt of advance registration will be acknowledged by mail.

held at the Marriott on Friday, February 4th, at noon. The luncheon ticket is included with the registration packet.

The Chicago Section of the SMPTE is planning a Chicago-style reception for your enjoyment on Friday evening, February 4th.

## PROCEEDINGS

In addition to a ticket to the Get-Together Luncheon and the Friday evening reception, paid conference registrants will receive a complimentary copy of the technical proceedings.

## ADVANCE REGISTRATION

Those people who register in advance can save money. Advance registration forms are available from

SMPTE Registration  
595 W. Hartsdale Ave.  
White Plains, NY 10607  
Phone: (914) 761-1100  
Fax: (914) 761-3115

## HOTEL RESERVATIONS

Accommodations are at the Chicago Marriott Downtown, 540 North Michigan Avenue, Chicago, IL 60611. Please use hotel reservation request form, call (312) 836-6128 or Fax (312) 836-6139 to make reservations. Don't forget to mention that

you are attending the SMPTE Conference.

The Chicago Marriott Downtown is located in the heart of the city with excellent restaurants, shopping and cultural attractions within a few steps of the hotel. Those registering in advance will receive a map and guide to the Chicago area in their registration packets.

## HOTEL RATES

CHICAGO MARRIOTT DOWNTOWN  
\$ 114 Single & Double plus city & state tax of 14.9%

## SPECIAL TRAVEL RATES

Media Travel USA (Carlson Travel Network) has been designated as the official transportation coordinator for all SMPTE members and guests. To receive the best airline rates (United Airlines) or automobile rental rates (Alamo) for the Advanced Television and Electronic Imaging Conference, call Media Travel at 800-283-TRIP. Be sure to mention that you are attending the SMPTE Conference. By utilizing these exclusive car and airline discounts available through our official travel agency, you will reduce your travel expenses and SMPTE'S. SMPTE receives travel credits to defray operational expenses when tickets are purchased through CTN/Media Travel USA.