



# 31st SMPTE Advanced Motion Imaging Conference

Crowne Plaza Manhattan • New York, N.Y.  
February 6 to 8, 1997

The Crowne Plaza Manhattan in New York City is the site for the 31st SMPTE Advanced Motion Imaging Conference, scheduled to take place February 6 to 8, 1997.

Program Chairs Darcy Antonellis, CBS, and Mark Schubin, consultant, have set the theme "The Age of Compression: Nonlinear Editing, Digital Broadcasting, and Other Wonders," and are in the process of putting together a comprehensive technical program following this theme.

## Four Sessions

A total of four sessions will be presented on Thursday and Friday, February 6 and 7.

Thursday morning's session, "**Non-linear Editing: Technical and Operational Issues**," is chaired by Bob Turner, Turner Post-Production. Compression has driven nonlinear editing into a rapid growth phase. Recent history has seen the introduction of journalist workstations running off a single server, script-notation-based bins, edit decision notes, and picons created in cameras in the field. This session will cover the latest developments in nonlinear technology, with an emphasis on compression-related topics.

Robert Kisor, Paramount Pictures, will head up "**Digital Distribution**" on Thursday afternoon. This session will deal with various aspects of current and future planned digital distribution systems. Compression schemes and codec processing options and their implementation will be discussed. Important

factors to consider when converting to a digital transmission infrastructure (whether via satellite or by terrestrial means) will be addressed. Comparisons to presently used analog technologies, budgeting considerations, and the effect on system implementation parameters will be included as well.

Robert Seidel, CBS, is the session chair for Friday morning's "**Storage Technologies Using Compression**," which will deal with several aspects of digital storage systems utilizing compression. MPEG-2 and JPEG compression standards will be discussed as they relate to distribution and post-production devices. Papers will examine multiple input/output systems supporting distribution and program integration facilities, as well as review production and post-production storage technologies.

The session will also feature a discussion on database management of these digital storage systems, with emphasis placed on available options and differences in management philosophies. The costs associated with conversions from videotape environments to digital storage, whether disk-based or HDD, will be reviewed. Comparisons will be made between networking requirements for distribution versus production environments. Also, networking capability of such storage devices will be included.

The technical sessions will conclude Friday afternoon with "**Advanced Television**," chaired by Charles Pantuso, HDVision, Inc. This session

will cover compression within the various segments of the advanced television transmission chain and describe existing and proposed solutions to the problem of finding enough system bandwidth. Possible topics include a historical perspective on compression, network-quality compression, consumer media, and transmission schemes.

## Seminar

A full-day seminar concludes the conference on Saturday, February 8. Linda Young, Du Art Film & Video, will chair "Shooting on Film, Editing on Nonlinear, Completing on Film: What Procedures are Available for the Filmmaker," which will run from 8:00 a.m. to 5:00 p.m.

## Call for Papers

If you are interested in presenting a paper at the 31st SMPTE Motion Imaging Conference, contact Program Coordinator Marilyn Waldman at SMPTE Headquarters, 595 W. Hartsdale Ave., White Plains, NY 10607, tel: (914) 761-1100, fax: (914) 761-3115, e-mail: mwaldman@smpte.org. For all other conference information, contact the SMPTE Marketing Department at Headquarters, e-mail: mktg@smpte.org.

Further information will be published in the *SMPTE Journal* and *News & Notes* as it becomes available, and the most up-to-date information can be found on SMPTE's Web Site: <http://www.smpte.org>.

— Aileen Moroney