

31st SMPTE Advanced Motion Imaging Conference Crowne Plaza Manhattan • New York, N.Y.

February 6 to 8, 1997

The 31st SMPTE Motion Imaging Conference is scheduled for February 6 to 8, 1997, at the Crowne Plaza Manhattan. Over three days, registrants will be treated to four papers sessions, a full-day seminar, and a variety of social activities. Make sure you don't miss this conference, which is being held in the birthplace of the industry!

Call for Papers Issued

A call for papers has been issued by the Program Chairs, Darcy Antonellis, CBS, and Mark Schubin, consultant. The deadline for submission is October 6, 1996.

The papers to be presented will fall under the theme "The Age of Compression: Nonlinear Editing, Digital Broadcasting, and Other Wonders." The four sessions, which will take place Thursday and Friday, February 6 and 7, 1997, are as follows:

• **Thursday morning: "Nonlinear Editing: Technical and Operational Issues."** Chair: **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.

• **Thursday afternoon: "Digital Distribution."** Chair: **Robert Kisor, Paramount Pictures.** 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.

• **Friday morning: "Storage Technologies Using Compression."** Chair: **Robert Seidel, CBS.** This session 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, the networking capability of such storage devices will be included.

• **Friday afternoon: "Advanced Television."** Chair: **Charles Pantuso, HDVision, Inc.** The technical sessions will conclude with this session, which

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.

If you are interested in submitting a paper, contact Program Coordinator Marilyn Waldman, SMPTE Headquarters, 595 W. Hartsdale Ave., White Plains, NY 10607, tel: (914) 761-1100, fax: (914) 761-3115, e-mail: mwaldman@smpte.org. You can also submit a paper over the Internet. Access the SMPTE home page at <http://www.smpte.org/>, where you will find information about this conference, including author forms.

Full-Day Seminar Planned

The conference will conclude on Saturday, February 8, with a day-long seminar. 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.

For More Information...

Further information will be published in the *SMPTE Journal* and *News & Notes* as it becomes available. You may also check the SMPTE Web site at <http://www.smpte.org/> for the most up-to-date facts, or contact the SMPTE Marketing Department at Headquarters, e-mail: mktg@smpte.org.

— Aileen Moroney