

The 25th Annual SMPTE Television Conference

Westin Hotel, Detroit, Michigan

February 1–2, 1991

A special educational opportunity on January 31 will precede the 25th Annual SMPTE Television Conference, when the SMPTE offers an all-day seminar on digital recording in television, it was announced by Program Chairman Rudy Kryger, CBC.

"The Detroit Section is indeed fortunate to have highly motivated and enthusiastic conference and seminar committee members," Kryger said. "As a result, this will be a lively seminar intended to provide the most appropriate and timely information relative to the 25th Television Conference."

The seminar, which is under the direction of Ken Davies, CBC, will provide technologists, engineers, and producers with the information and skills that are needed in dealing with the introduction, application, and system-level operation of digital recording. "Also, participants will be supplied with a summary of available documentation concerning standards and sources of additional information about digital recording, interfaces, coding, and error management, as a means of encouraging in-depth follow-up of the material presented at the seminar," Davies said.

The seminar will be broken up into four sessions. Session 1 will cover the fundamentals of digital recording, focusing on tapes, heads, tracks, head/tape interface, writing/reading, data coding, and error management. Session 2 will give an overview of video, audio, and specialized recorders, calling attention to many vital areas including scrambling, shuffling, preprocessing, error coding, time codes, magnetic discs, stunt modes, and RAM. Session 3 will cover component and composite recorder characteristics, including D-1, HDTV, D-2, and D-X formats; and Session 4 will detail the applications of digital recording and provide information about its future, covering such topics as new media and new formats.

During the seminar, demonstrations will highlight recent production

elements from digital recorders. Presentations throughout the day will be made by experts from the research, development, and engineering segments of various manufacturers and from experienced users of the technology. Attendees will have an opportunity to interview the speakers during the event.

Television Conference Program

The conference, entitled "A Television Continuum — 1967 to 2017," will begin with a brief look at the progress made in television technology over the past 25 years. The emphasis will then shift to present practical evolving technology, as well as take a subsequent look into the future. As an added bonus, the program will close with a special joint session in conjunction with the Audio Engineering Society (AES).

"On the final day of the conference program, we will present a mixture of papers from both the SMPTE and the AES," said Kryger. "The SMPTE papers will cover future developments and projections of new ideas and technology. The AES presentations will address the future of digital audio recording in television. The technological future of integrated audio productions, tape-based and disk-based budget multichannel production systems, serial digital signal transmission for D-1 and D-2 formats, and the DAT format are among the topics that are expected to be covered."

The conference program will be divided into several sessions. It will kick off on Friday, February 1, with "A Path to the Future," a session comprised of no more than two papers that present a review of the past 25 years of television technology. The second session, "Forward to the Present," will highlight technologies and their status, including HDTV standards, EDTV methods, and digital recorders. Saturday's sessions will begin with "Back to the Future," which will continue the coverage of present technologies, as well as offer presentations

on the newest industry concepts. "Crossroads to the 21st Century," which is the joint session with AES, will provide the program's finale via presentations regarding future developments and predictions.

Call for Papers

Authors interested in presenting papers at the conference must hurry to beat the September 14, 1990, deadline. For a technical paper to be considered, authors should send their name, company affiliation, address, telephone number, and a 500-word synopsis to SMPTE, Att: Marilyn Waldman, Program Coordinator, 595 West Hartsdale Ave., White Plains, NY 10607. The information should be submitted on forms which are available from headquarters.

Authors will be notified of the acceptance of their papers prior to October 31, 1990. Finished manuscripts of accepted papers are due back at headquarters by January 7, 1991. They will be compiled and published in a book, and will also be considered for publication in the *SMPTE Journal*. SMPTE members and nonmembers alike may present papers. Presentations usually last about 20 minutes.

Topic and Session Chairmen for the conference have been selected. Frederick M. Remley, University of Michigan, will be both Session and Topic Chairman for the Friday morning session. John F.X. Browne, John F.X. Browne & Associates, will also hold both titles for the Friday afternoon segment. Keith Neff will serve as Session and Topic Chairman for the Saturday morning session. On Saturday afternoon, Esio J. Marzotto, University of Windsor, will hold the position of Session Chairman while Ken Davies, CBC, will serve as Topic Chairman. Stan Nalski, Film Craft Laboratories, Inc.; H. Chris Hill, Archdiocese of Detroit; Harold L. Miller, Technicolor Video; and Eugene Wilczak, WJBK-Channel 2, will serve as Session Co-Chairmen.

—Carol King