

Advance Program

This program contains all papers accepted for the Television Conference at the time of publication. Additional papers are being reviewed and will be included in the Final Program, available at the Conference. Questions about specific papers or sessions should be addressed to SMPTE Headquarters, Attn: Lynne Robinson, Conference Programs Secretary, 862 Scarsdale Ave., Scarsdale, NY 10583, (914) 472-6606; or to Program Chairman Carlos Kennedy, Ampex Corp. MS3-46, 401 Broadway, Redwood City, CA 94063 (415) 367-4569. The final program with titles of papers, authors, and times of presentation will be available from SMPTE Headquarters on 23 January, and at the Conference.

FRIDAY, 2 February

PRODUCTION AND POST-PRODUCTION OPERATING EXPERIENCE WITH ONE-INCH VIDEOTAPE RECORDERS (INCLUDING COMPUTERIZED EDITING)

- CBS Operating Experience with One-Inch Videotape Recorders
Raymond D. Schneider, *CBS Television Network, New York, N.Y.*
- Use of One-Inch VTRs for Shooting with the Video Single Camera Production Technique, on a Sound Stage with a Film Team
Michel Oudin, *Société Française de Production, Paris, France*
- The Filmic Renaissance — In Pursuit of the Production Value
Steve Michelson, *One-Pass Video, San Francisco, Calif.*
- Design and Operation of a One-Inch Videotape Post-Production Complex at ABC
Richard Green, *ABC-TV, Los Angeles, Calif.*

FRIDAY AFTERNOON

MICROPROCESSORS IN MACHINE CONTROL AND VIDEO EDITING

- The Role of Microprocessors in the TK-47 Camera
RCA, Camden, N. J.
- Time Code Error Correction Utilizing a Microprocessor
George W. Bates, *Convergence Corp., Irvine, Calif.*
- Video Production and Editing with a Microprocessor Controlled Switcher
Bruce Rayner, *The Grass Valley Group Inc., Grass Valley, Calif.*
- The Use of Microcomputers and Microprocessors in Modern VTR Control
Hans Dieter Geise, *Bosch-Fernseh, Darmstadt, W. Germany*
- A Microprocessor Based Video Tape Editing System Having Film Editing Ease of Operation
Masahiko Morizono and Jun Takayama, *Sony Corp., Tokyo, Japan*

SATURDAY, 3 February

DIGITAL VIDEO EFFECTS AND COMPUTER ANIMATION

- Mosaic Keyer
Shigeru Jumonji, Shoichi Kobayashi and Yutaka Shimizu, *NHK (Japan Broadcasting Corp.) Tokyo, Japan*
- Further Developments in the CBS Action Track
J. K. Moore, A. Kaiser and H. Mahler, *CBS Technology Center, Stamford, Conn.*
- Digital Strobe Action
Yukihiko Isomura, *Tokyo Broadcasting System, Inc., Tokyo, Japan* and Hiroshi Takahashi, *Nippon Electric Co., Ltd., Tokyo, Japan*
- Superpaint: An Experimental System for Digital Video Graphics and Animation
Richard G. Shoup, *Xerox Research, Palo Alto, Calif.*
- The Expanding World of Digital Effects
Richard Taylor, *Quantel, Caterham, England*
- Color Graphics and Animation by Mini-Computer
Noboru Asamizuya and Tatuo Futai, *Sony Corp., Tokyo, Japan*
- Digital Video Effects with a Tracking Chroma-key
Michael Negri, *NBC, New York, N.Y.*

SATURDAY AFTERNOON

DIGITAL VIDEO RECORDING

- Low Bit Rate System for Digital Coding of the Television Picture
Peter Rainger, *British Broadcasting Corp., London, England*
- Separate Components Digital Video Recording is Needed and Possible
Dominique Nasse, *CCETT, Rennes, France*
- Digital Video Recording: A Progress Report
M. Lemoine and J. Diermann, *Ampex Corp., Redwood City, Calif.*
- Picture Impairments Caused by Passing the NTSC Signal Through a Number of Codex in Tandem
Charles Ginsburg, Chairman of the SMPTE Study Group on Digital Television, *Ampex Corp., Redwood City, Calif.*
- PANEL of Authors and other Industry Experts