

ADVANCE PROGRAM

This program contains all papers accepted for the Television Conference as of 8 October 1980. 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 Program Chairman **Louis (Dee) Pourclau**, 15 Valencia Court, Portola Valley, Calif. 94025, (415) 851-2988; or to Conference Programming Manager **Lynne Robinson**, SMPTE, 862 Scarsdale Ave., Scarsdale, N.Y. 10583 (914) 472-6606. 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, 6 February

Digital Television Recording

- A Report on the Digital Television Tape Recording Study Group User Survey,
D. Schnuelle, *TPC Communications, Sewickley, Penn.*
- Error Correction and Concealment
D. Nasse, *CCEIT, Rennes, France*
- Aspects and Considerations About the Mechanical Format of Digital Video Tape Recording
H. Groll, *Bosch-Fernseh, Darmstadt, W. Germany*
- A Format for Digital Television Recording
John Baldwin, *Independent Broadcasting Authority, London, England*
- Digital Video Tape Recording with Increased Packing Density: A Progress Report
M. Morizono, H. Yoshida, Y. Hashimoto, and T. Eguchi, *Sony Corp., Tokyo, Japan*
- Formats for Digital Video Tape Recorders
M. Felix, *Ampex Corp., Redwood City, Calif.*
- A New Modulation Code for Magnetic Digital Recording Characterized by Low Reduced Error Percentage
M. Artigalas, *Thomson-CSF, Stamford, Conn.*

Friday Afternoon

New Camera Technology

- Reflections of a Camera Designer
L. Germany, *Pye TVT, England*, and H. Blom and E. Tienkimp, *Philips, The Netherlands*
- A Sub-Camera Using Built-in Computer Control System
T. Sueoka, *NHK, Tokyo, Japan*

High Resolution Camera System

- A. Franken, *Philips, The Netherlands*
- Advances in EFP Camera Design
John Ryan, *Ampex Corp., Redwood City, Calif.*

Saturday Morning, 7 February

Multichannel Sound for Television

- Japanese Multichannel and Stereo Television Sound Experience
K. Iizuka, *Tokyo Broadcasting System, Inc., Tokyo, Japan*
- The EIA-BTS Multichannel Television Sound Field Test Report
Thomas Keller, *Public Broadcasting Service, Washington, D.C.*

Saturday Afternoon

The All-Digital Studio

- World Standardization — Now or Never
T. Robson, *Independent Broadcasting Authority, London, England*
- Systems Engineering Considerations in the All-Digital Television Production and Transmission Centre
Michael S. Tooms, *Protel Broadcast Services, Ltd., Camberley, England*
- Digital Decoding of PAL and NTSC Signals Using Field Delays, Comb Filters, and Line Lock Sampling
C.K.P. Clarke, *British Broadcasting Corp., London, England*
- Test Signals in the Digital Domain
J. Judge, *Tektronix, Beaverton, Ore.*
- Panel Discussion on Digital Video Component Code Tests
SMPTE Committee on New Technology