

115th SMPTE Conference and Exhibit

Century Plaza Hotel, Los Angeles, Apr. 21-26

Frank Capra, famed Hollywood film director, will appear before SMPTE members as guest speaker at the Conference Get-Together Luncheon, on Monday, Apr. 22. Details of Capra's appearance will be in the March SMPTE *Journal*.

Papers Program

Program Chairman **Fred Scobey**, DeLuxe General, has released the session schedule and a tentative list of papers. According to Scobey, though each session will stand on its own as a separate entity, there has been an attempt to relate the sessions to one another, thus integrating the individual parts of the program into a unified whole.

Each session, Scobey said, will open with a tutorial paper delivered by a well-known expert in the field.

Preliminary Program

Monday, April 22

Laboratory Practices and Photo-Sensitive Materials—Morning

A New Electronic Color Video Analyzer; A Unique System for Temperature Control of ECN II Process; Gevacolor Print Film Type 9.86; Chemical Substitution in View of the Chemical Shortage; Continuous Optical Reduction Printer With Simultaneous Sound Transfer on Super 8; Electronically Controlled Film Feed Brake.

Energy Crisis and Conservation—Afternoon

The Energy Crisis: In Retrospect and Perspective; Monitoring the Processing Effluents of a Motion-Picture Laboratory; Resource Conservation in Eastman Kodak Processing Laboratories; Solution Reuse at Cinechrome Labs.

Tuesday, April 23

Sound—Morning

3-Channel Push-Pull, Noise-Immune, Color, Photographic Soundtrack (with demonstration); A Digital Readout Cross-Modulation Analyzer; Time Code Generator/Decoder for Motion-Picture Applications; ST-8: A New Agfa-Gevaert Sound Negative Film Especially Suitable for Small Formats; Film Consoles: The New Technology; A High-Speed Interlock System for Re-Recording. This entire session will be held at the Cinema II Theatre at the ABC Entertainment Center.

Production Practices—Afternoon

The Burbank Studios—Concept to Realization; Conversion of the Burbank Studios' Sound Stage 2 for Video Production; Metallogen—The New Daylight Light Source; The New Motion-Picture Studio at the Kodak Research Laboratory.

Wednesday, April 24

Small Format Film Systems—Morning

A Report of Measured Camera Noise Spectra of Some Super-8 Cameras; Reflections on the Development of Super 8 as a Professional Teaching Format: A Progress Report and Recommendations for Future Developments; Cartridge Loading Super-8 Sound Recording Camera; A Highly Automated Processing Machine for Super-8 Film; Laboratory Slitting of Multi-Row Processed Film.

Projection and Theater Presentation—Afternoon

An Overview of Spherical Motion-Picture Processes; A New Photometer for Measuring Screen Brightness; Optical Theaters for Displaying Visuals in Daylight; Acoustical Problems of a Complex Theater Pavilion; Large-Format Film Systems; The Air Force Story—A Multimedia Presentation.

Thursday, April 25

Television—Morning and Afternoon

An Analysis of Four Practical Techniques for VTR/VDR Time-Base Error Correction; Video Processing for Film; Investigation of a VTR Video Pilot System; The Design of a Time-Base Error Corrector for All VTRs; Principles of Quadruplex Videotape Recording—An Overview; Pioneer Image Converter System.

Friday, April 26

Videodisc Systems—Morning

Papers, Panel Discussion, and Demonstrations of Video Disc Systems by MCA, Teldec, Philips, I/O Metrics, RCA, and Zenith. Each will give a 15- to 20-minute description of his company's position, followed by a demonstration of each with television sets. A panel discussion will follow. Robert Kreiman, DeLuxe General, will present a tutorial paper on Video Disc Systems as They Enhance or Replace Super 8.

Safety and The Environment—Afternoon

Representative speakers from Federal, State and Municipal governments, and Industry, will speak on the effects of OSHA on the Television and Motion-Picture Industries.

Hotel Reservations

Postage-paid hotel reservation cards are being sent to all SMPTE members. It is essential that these cards be used if the special rates given by the hotel are to be obtained.

The rates are:

Single	\$26	\$34	\$36
Twin or Double	36	44	46

Reservations must be made no later than two weeks before the Conference. If the reservation card is lost, get in touch with SMPTE Headquarters.

A list of motels near the Century Plaza is being sent to members as part of the Conference information brochure. The list will also be published in the March *Journal*.

Advance Registration

Advance Registration is recommended if you wish to avoid waiting in line and filling out forms at the Conference. Advance registration forms have been sent to all members.

The registration rates are:

Member Weekly	\$40.00
Nonmember Weekly	60.00
Ladies Weekly	10.00
Student Member	Free
Student Nonmember	5.00
Member Daily	20.00
Nonmember Daily	25.00
Get-Together Luncheon	9.00
Banquet	25.00

Equipment Exhibit

Judging from the early exhibitor response, the Spring Exhibit in Los Angeles should again be a sellout as was the last Los Angeles Exhibit. As of this writing, less than two weeks after booths went on sale, more than half the 92 available booths have been taken, according to Exhibit Chairman Warren Strang, Hollywood Film Co.

The Exhibit shapes up as one with strong emphasis on film cameras, editing equipment, laboratory equipment, sound equipment, lighting equipment, lenses, projection equipment, as well as a full range of TV equipment. The Exhibit will begin at 5:00 p.m. Monday, April 22, with the Exhibitors Open

House. It will run through Thursday evening at 6:00.

A directory of all exhibitors is scheduled for publication in the March SMPTE *Journal*. It will contain the names and addresses of all exhibitors, plus descriptions of equipment.

Special Conference Issue of the *Journal*

A special issue of the *Journal*, featuring a preview of the 115th Conference, will be published in March. This March *Journal* will include the Advance Program with papers and authors listed by session, the Exhibit Directory, and information on social events, the ladies program, and all other important Conference details.

The Winter Television Conference Denver, January 24 and 25

Denver was chosen as the site of the 1974 Winter Television Conference as the result of a most persuasive presentation by the officers and managers of the Denver Section. Because of the heavy concentration in the Colorado area of cable and closed-circuit television interests, represented by a number of satellite and space equipment companies and organizations such as the Federation of Rocky Mountain States, Inc., it was decided from the start that the program would stress cable television technology and, in particular, the techniques and equipment associated with the transmission and reception of signals using satellites.

Ron Welsh, Gemini Telecommunication Services, Denver Section Chairman, took overall responsibility for putting the Conference together, working closely with Jack T. Billings, Eastman Kodak Co., who was in charge of Local Arrangements, supervising the activities of the committees supplying the various essential services. Overcoming a shift of dates and other problems caused by the hotel, these two gentlemen produced a smooth running, high quality meeting, with an excellent program; they deserve great credit and the grateful thanks of the Society.

The supplementary services that went into the organization of the Conference were: *Registration*: Bob Cook, Mountain Bell, and George Perrin, Perrin Productions, Inc.; *Auditor*: Lee Edelmaier, KDA-TV; *Projection and Sound Recording*: John Carlson, University of Denver, and Jeff Grazi, Communications Unlimited, Inc.; *Luncheons*: Frank Castro, University of Colorado Medical Center; *Support Materials*: Mike Phillips, Western Cine; *Publicity*: Rolly Dalquist, McGraw Hill Seven Productions; *Special Programs*: Herb Banister, Denver Police Dept.

George Sollenberger, KOA-TV, was Program Chairman and provided much of the initial impetus in procuring papers. He was very ably helped by George Seide, Mountain Bell, an Assistant Program Chairman. Ron Welsh and Jack Billings again deserve credit for the final stages of putting the program together and in particular for assembling the copy and supervising the printing of the final programs.

Ron Welsh was Sessions Chairman for all four sessions of the meeting, with Myron Smith and Dr. James G. Potter, both of the Federation of Rocky Mountain

States, as Vice-Chairmen for the first two sessions; and John Seide and John Newell, Western Cine, Vice-Chairmen for the last two.

Technical Program

The first day's papers were devoted entirely to the technology and economics of satellite communications as exemplified in the activities of the Federation of Rocky Mountain States. The Federation, funded by HEW and PBS, is planning to investigate the possibilities of broadcasting educational television and other media services to isolated rural areas by satellite.

The papers were:

The Satellite Technology Demonstration—Satellite Communication in Services to People, by Dr. Gordon Law, Director, Satellite Technology Demonstration, Federation of Rocky Mountain States, and Greg Pearson, Director of Public Information, Federation of Rocky Mountain States.

Remote Ground Terminals in the Health-Education Technology Demonstration, by Dr. James M. Janky, Assistant Director of Broadcast and Engineering, Federation of Rocky Mountain States.

The Economics of Regional Satellite Networks, by Dr. James G. Potter, Assistant Director, Broadcast and Engineering, Federation of Rocky Mountain States.

Digital Network Coordination in the Health-Education Technology Demonstration, by Harold F. Huntsman, Senior Systems Engineer and Network Control Supervisor, Federation of Rocky Mountain States.

The sessions concluded with a panel discussion on trends in communication satellite services. Panel Moderator was Rick Gould, FCC, and members of the panel were Larry Kilty, American Satellite Corp.; Dr. Gordon Law, Federation of Rocky Mountain States; Ralph S. Mitchell, Hughes Aircraft; and Daniel Wells, PBS.

Following the afternoon session, registrants had an opportunity to visit the facilities of the Federation of Rocky Mountain States, where they could see the equipment described in the papers presented during the day. A stop was also made at the premises of the Computer Image Corp. for demonstrations of the Caesar and Scanimate machines and a

showing of examples of computerized animation derived from them.

Papers on the second day were:

Application of New FCC Standards for Cable TV, by David L. Willis, Director of Engineering, Community Tele-Communications, Inc.

Establishment of Standards for Class 2 CATV Channels, by Lyle O. Keys, President, Telemation, Inc.

Cable and Copyright, by Paul Maxwell, Executive Editor, *CATV Newsweekly Magazine*, *TV Communications*.

Improved Signal Performance for Helical VTRs in CATV Applications, by C. Robert Paulson, Vice-President, Marketing Television Microtime, Inc.

Police Training and Education via CCTV, by Darrell L. Bolton and Herbert Banister, Denver Police Dept.

New Technologies in Super 8 Film, by John M. McDonough, Director, Motion Picture Film, Product Planning, Motion Picture and Audio Visual Markets Div., Eastman Kodak Co.

No Loose Ends, by Clifford B. Schrock, CATV Program Supervisor, Tektronix, Inc.

Automatic Tape Tension Control for Cassette Players and Recorders, by K. Blair Benson and Thorsten Cook, Goldmark Communications Corp.

Audio Distribution and Switching System, by Roy E. Dodson, Chief Engineer, WAGA-TV.

Luncheon Speakers

At the first day's luncheon the guest speaker was Dr. William Rapp, Vice President, Federation of Rocky Mountain States. Dr. Rapp gave an informative description of the organization of the Federation and its plans for bringing educational programming by satellite to the remotest parts of the country.

On the second day, the guest speaker at the luncheon was Bill Daniels, President of Daniels and Associates, Denver, one of the outstanding pioneers in the development of cable television industry. A slightly condensed version of Mr. Daniel's talk follows.

Perspective on Cable Television

There are some very interesting parallels in the growth of cable television and that