

108th Technical Conference and Equipment Exhibit

October 4-9 New York Hilton Hotel

Program plans and arrangements for the 108th Conference are now in the final stages. Regular meetings with members of the program committee have taken place to coordinate papers and sessions. **Joseph A. Flaherty, Jr.**, Program Chairman, stated that he has had uncommon cooperation from his committee in the planning of technical sessions.

On Thursday and Friday, October 8 and 9, the Symposium on CATV will be held under the Chairmanship of **G. Norman Penwell**. The program will include panel discussions and invited papers dealing with problems and practices in the CATV field.

Exhibit Chairmen **Dom Capano** and **Victor James** have announced that exhibit space is nearly sold out and promise an interesting variety of new equipment will be on display. The exhibit is expected to be one of the largest in recent conference history.

Conference Arrangements, handled by **Herbert R. Pilzer**, are nearly complete. Pilzer and his committee have been working closely with the Hilton Hotel staff for several months to insure all facilities will be available as needed.

To compliment the CATV Symposium there has been strong interest in the presentation of several papers in the area of non-broadcast television production. These papers will come under the general topic of television production. Several companies who use non-broadcast television such as J. C. Penny and Equitable Life have been asked to participate.

An additional possibility for the Television Systems Session will be a special report from the SMPTE Ad Hoc Color Committee.

Some of the papers scheduled for presentation at the Conference are as follows:

Cinematography, Filming and Processing

"Computer-Generated Key Frame Animation"

Special Photographic and Television Systems

"Laser Kinescope Recorder for Color TV Film Transfer"

"Audio-Video Communications System of a Simulated Space Mission"

"The Use of Calcium Fluoride for Zoom Lenses of High Quality for Professional Cinematography and TV Production"

Television Production

"Reliable TV News Motion-Picture Equipment Adaptations"

"Thermal Contact Duplication of Video Tape"

"A Graphic Quality Character Generator for TV Titling"

"Television Hum-Buckers"

Instrumentation and High-Speed Photography

"Photographic Systems for Dynamic Photomechanics"

"An Event-Triggered Streak Camera with Microsecond Resolution"

"Streak Cameras Used to Measure the Times of Mechanical and Electrical Events"



Dom Capano



Victor James

"Ultra-High-Speed Photography of Picosecond Light Pulses"
"Analysis of the Collapse of Cylindrical Shells Using High-Speed Photography"
"Recent Developments in the Use of High-Gain Optical Image Intensifiers for High-Speed Photography of Dynamic X-Ray Diffraction Patterns"

Laboratory Practices

"The Design of Energy Transfer Optics"

"A New Photometer for Control of Color Printers"

"A New Film-Balanced Three-Color Temperature Meter"

"The Application of Logic Techniques in Measuring and Counting Devices for the Motion-Picture Industry"

"Jet Antihalation Backing and Its Removal From Films During Processing"

"Frequency Response for 16mm Magnetic Sound: A Survey of Test Films"

"Butt Weld Splices for Polyester Film"

Theater Projection and Screening Room Practices

"A Case Study: The Design and Installation of Three Professional Projection Systems in Manhattan's Newest 'Skyscraper'"

Television Systems and Equipment

"Fundamental Architectural and Space Allocation Considerations in the Design and Planning of the Corporate/Management Television Studios"

"New Developments in TV Tape Servo Systems"

"Television Station Automation"

"A New Concept in Program Switchers"

"A Practical Comb Filter for Chrominance-Luminance Separation in NTSC Decoders"

"Report on the Current Activities of the Helical Recording Subcommittee of the Video Tape Recording Committee"

Super 8: Picture, Sound and Television

"A New Concept in 8mm Reduction Printing"

"Commercial Super 8 Prints: A System Sharpness Calibration"

CATV

"A Color Camera Designed for CATV"

"Operation and Control of the Professional Type Color Camera Through CATV Cables"