

# Conference Technical Papers

The following is the program for the Toronto Winter TV Conference. Questions about specific sessions or papers should be addressed or telephoned to Program Chairman **Harold Wright**, Canadian Broadcasting Corp., R.R. 2, Gormley, Ontario, Canada, Tel. (416) 887-5483; or to Society Headquarters, Att: Winter TV Conference — Elaine Itzkowitz, 9 E. 41 St., New York, N.Y. 10017, Tel. (212) 867-5410.

## THURSDAY EVENING—JANUARY 16

6:00–9:00 REGISTRATION

## FRIDAY MORNING—JANUARY 17

8:00 REGISTRATION

9:30 STUDIO EQUIPMENT

**Evaluation of Chromaticity Errors in Live Color Television Cameras**

J. F. WIGGIN, General Electric Co., Syracuse, N.Y.

**A Digitally Controlled Miniature Color Camera**

RENVILLE H. McMANN, CBS Laboratories, Stamford, Conn.  
and RICHARD G. STREETER, CBS Television Network, N.Y.

**Simplified Broadcast Color Camera Design**

L. L. POURCIAU, G. P. HOBBS and S. W. ATHEY International Video Corp., Mountain View, Calif.

**Joint Committee on Inter-Society Coordination**

K. BLAIR BENSON, CBS Television Network, New York

**Report on Status of SMPTE Studio Test Chart Committee**

K. BLAIR BENSON, CBS Television Network, N.Y. and  
WILLIAM HOWARD, National Broadcasting Co., New York

**New Trends in Color Lighting**

SAL BONSIGNORE, CBS Television Network, New York

## FRIDAY AFTERNOON

12:00 GET-TOGETHER LUNCHEON

1:45 TELECINE AND FILM

**A Survey of Color Telecine Design and Operating Trends**

K. BLAIR BENSON, CBS Television Network, New York

**Engineering Good Color Rendition in Color Telecine**

D. H. McRAE, Canadian Broadcasting Corp., Montreal

**Color Television Film Camera Design and Operation**

GEROW BRILL, CBS Television Network, New York

**Report on Activities of the Canadian Telecasting Practices Committee**

L. C. HARROP, Canadian Broadcasting Corp., Montreal

**Film for Telecine**

DAAN ZWICK, Research Laboratories, Eastman Kodak Co., Rochester, N.Y.

**Film Color Balance for Telecine**

L. E. DeMARSH and M. M. LIBERMAN, Research Laboratories, Eastman Kodak Co., Rochester, N.Y.

**PANEL DISCUSSION: Film and Telecine**

S. F. QUINN, Canadian Broadcasting Corp., Montreal, *Moderator*.

Panelists: K. BLAIR BENSON, CBS Television Network, New York; D. H. McRAE, Canadian Broadcasting Corp.,

Montreal; GEROW BRILL, CBS Television Network, New York; L. C. HARROP, Canadian Broadcasting Corp., Montreal; L. E. DeMARSH, Research Laboratories, Eastman Kodak Co., Rochester, N.Y.; DAAN ZWICK, Research Laboratories, Eastman Kodak Co., Rochester, N.Y.

## FRIDAY EVENING

7:30 PRODUCTION ESTHETICS

**The Formula: Perpetual Care — Good Color**

E. CARLTON WINCKLER, CBS Television Network, New York

**Lighting Practices in the Color Studio**

D. S. THEAKSTON, Canadian Broadcasting Corp., Toronto

**PANEL DISCUSSION: Lighting**

E. CARLTON WINCKLER, CBS Television Network, New York, *Moderator*.

## SATURDAY MORNING—JANUARY 18

9:00 RECORDING, TRANSMISSION AND TRANSMITTERS

**Velocity Errors in Quadruplex Recording — Part II**

R. HURST, Radio Corp. of America, Camden, N.J.

**PANEL DISCUSSION: Problems in the Application of Video-Tape Recording to Broadcasting**

FRED M. REMLEY, University of Michigan Television Center, Ann Arbor, *Moderator*.

**Report on Vertical Interval Signals for Evaluation of Color Network Facilities in the U.S.A.**

WARREN C. PHILLIPS, National Broadcasting Co., New York

**Color Uniformity in Multi-Station Markets**

JOHN H. DE WITT, JR., Consulting Engineer, Nashville

**PANEL DISCUSSION: Transmitters and Transmission**

## SATURDAY AFTERNOON

12:00 ANNUAL TV LUNCHEON

**GUEST SPEAKER: Roy Cahoon, Chief Engineer Canadian Broadcasting Corp.**

2:30 RECEIVERS

**Total System Harmony — The Case for Receiver Manufacturer and Broadcaster Liaison**

W. M. (DON) HARROLD, Electrohome Ltd., Kitchener, Canada

**PANEL DISCUSSION: Receivers**

DON HARROLD, Electrohome Ltd., Kitchener, Canada, *Moderator*.

**Televising Special Events in Color With Transportable Comsat Terminals**

JOHN H. GAYER, Space Systems Organization, General Electric Co., Valley Forge, Pa.