

Papers Presented at the Chicago Convention, April 21-25

BY SESSIONS

MONDAY AFTERNOON — Television Session

- Robert E. Lewis, Armour Research Foundation, Chicago, Ill., "A Color or Stereoscopic Frame-Sequential Television Viewer."
- Sam H. Kaplan, Consultant, Chicago, Ill., "Theory of Parallax Barriers."
- A. D. Fowler and H. N. Christopher, Bell Telephone Laboratories, Murray Hill, N.J., "Effective Sum of Multiple Echoes in Television."
- Fred Barton and H. J. Schlafly, TelePrompter Corp., New York, "TelePrompter, New Production Tool."
- J. A. Norling (Committee Chairman), Loucks and Norling Studios, New York, "Report of Stereoscopic Motion Pictures Committee."

MONDAY EVENING — Television Session

- Nathan L. Halpern, Theater Network Television, Inc., New York, "Theater Television Progress."
- M. C. Banca, RCA Victor Division, Industrial Equipment Section, Camden, N.J., "Industrial Television."
- Victor Trad and Ricardo Muniz, Trad TV Corp., Asbury Park, N.J., "Dual Theater Television System."
- John M. Sims, General Precision Laboratory, Pleasantville, N.Y., "Installing GPL Video Film in Denver's Broadway Theater."
- W. H. Offenhauser, Jr., Consultant, New Canaan, Conn., "Nomenclature for Motion Pictures and Television."

TUESDAY MORNING — Screens and Control of Brightness

- D. R. White (Committee Chairman), E. I. du Pont de Nemours & Co., Inc., Parlin, N.J., "Report on International Standardization."
- Charles W. Handley (Committee Chairman), National Carbon Co., Inc., Los Angeles, Calif., "Report of the Progress Committee."
- Arthur J. Hatch, Strong Electric Corp., Toledo, Ohio, "A-C High-Intensity Arc Slide Projector."
- Benjamin Schlanger and William A. Hoffberg, Theater Consultants, New York, and Charles R. Underhill, Jr., RCA Victor Division, Camden, N.J., "The Synchron-Screen as a Stage Setting for Motion Picture Presentation."

- W. W. Jennings, W. Wheeler Jennings, Chicago, Ill., and Pierre Vanet, A. Matthey, Paris, France, "A New Direct-Vision Stereo-Projection Screen."
- Ellis W. D'Arcy and Gerhart Lessman, De Vry Corp., Chicago, Ill., "Objective Evaluation of Projection Screens."
- H. B. Brueggemann, Cinecolor Corp., Burbank, Calif., "Continuous Arc Projector Light Meter."

TUESDAY AFTERNOON — Armed Forces Production

- Max Beard and A. M. Erickson, Naval Ordnance Laboratory, Silver Spring, Md., "An Auditorium Specifically Designed for Technical Meetings."
- Phillip M. Cowett, U.S. Navy, Bureau of Ships, Washington, D. C., "16mm Motion Picture Theater Installations Aboard Naval Vessels."
- W. R. Cronenwett, U.S. Navy, U.S. Naval Photographic Center, Anacostia, D.C., "The Navy's Training Film Production Program."
- Charles F. Hoban and James A. Moses, Motion Picture Branch, Army Pictorial Service Division, Washington, D.C., "Cameo Film Production Technique."
- P. C. Foote, Bell & Howell Co., Chicago, Ill., and R. E. Miesse, General Scientific Co., Chicago, Ill., "Military-Type Lenses for 35mm Motion Picture Cameras."

TUESDAY EVENING — Magnetic Protection; Film Inspection

- M. G. Townsley, H. H. Brauer, J. P. Weber and F. J. Schuessler, Bell & Howell Co., Chicago, Ill., "New Magnetic and Optical 16mm Sound Projector."
- Robert Grunwald, Harwald Co., Evanston, Ill., "The Inspect-O-Film Machine."
- Carl E. Hittle, RCA Victor Division, Hollywood, Calif., "Automatic Torque Controller for Torque Motors."
- E. W. D'Arcy and J. S. Powers, De Vry Corp., Chicago, Ill., "Magnetic Sound Application to 16mm Armed Forces Projectors."

WEDNESDAY MORNING — High-Speed Photography Session

- D. Muster and E. G. Volterra, Illinois Institute of Technology, Chicago, Ill., "Rotating-Drum Camera for High-Speed Experimental Work."
- Brian O'Brien, Gordon Milne and William Covell, University of Rochester, Rochester, N.Y., "Automatic Printing of High-Speed Image-Dissection Negatives."
- J. L. Tupper, Eastman Kodak Co., Rochester, N.Y., "Practical Aspects of Reciprocity Law Failure."
- N. W. Rodelius, Armour Research Foundation, Chicago, Ill., and Eugene L. Perrine, Zonolite Research Laboratories, Evanston, Ill., "Methods of Improving Visibility in High-Speed Photography."

WEDNESDAY AFTERNOON — High-Speed Photography Session

- C. H. Winning, Du Pont Eastern Laboratory, Gibbstown, N.J., and H. E. Edgerton, Massachusetts Institute of Technology, Cambridge, Mass., "Explosive Argon Flashlamp."
- James Cooper, University of Michigan, Aero Research Laboratories, Willow Run Airport, Mich., "Photography in the Wind Tunnel, Including Schlieren and Flame Photography."
- Ralph P. Sledge, International Harvester Co., Memphis, Tenn., "Portable Generating Equipment for Use With the Fastax Camera."

THURSDAY AFTERNOON — Color and Laboratory Session

- John Stott (Committee Chairman), Du-Art Film Laboratories, Inc., New York, "Laboratory Practice Committee Report."
- Robert C. Lovick, Eastman Kodak Co., Rochester, N. Y., "Exposure of Kodachrome Sound Tracks for Optimum Quality."
- Robert C. Lovick, Eastman Kodak Co., Rochester, N.Y., "Densitometry of Silver Sulfide Sound Tracks."
- F. P. Herrnfeld, Frank Herrnfeld Engineering Corp., Culver City, Calif., "Integrating-Type Color Densitometer."
- A. A. Duryea, T. J. Gaski and L. Mansfield, Pathe Laboratories, Inc., New York, "Negative-Positive Color Processing by Pathe."

THURSDAY EVENING — General Session

- Mauro Zambuto, Scalera Films, Rome and Venice, Italy, "Foreign Language Dubbing."
- Thomas T. Hill, The Edwal Laboratories, Inc., Ringwood, Ill., "Nonsilver Photographic Processes."
- H. L. Baumbach, Paramount Pictures Corp., Hollywood, Calif., "Effect of pH Upon Photographic Developer Activity."
- John K. Hilliard (Committee Chairman), Altec Lansing Corp., Beverly Hills, Calif., "Sound Committee Report."
- Otto Bixler, Magnecord, Inc., Chicago, Ill., "Commercial Binaural Tape Recorder."

FRIDAY MORNING — Sound and Editing Session

- Chester E. Beachell, The National Film Board of Canada, Ottawa, Ontario, Canada, "Simplified Preamplifier With High Gain, Low Distortion, and Exceptional Dynamic Range and Frequency Response."
- O. L. Dupy, Metro-Goldwyn-Mayer Sound Dept., Culver City, Calif., "A Method of Direct-Positive Variable-Density Recording With the Light Valve."
- Chester E. Beachell and G. G. Graham, National Film Board of Canada, Ottawa, Ontario, Canada, "Dual-Purpose Optical Sound Prints."
- R. M. Savini, Editola Corp. of America, New York, "The Editola Film Editing Machine."
- Richard H. Ranger, Rangertone, Inc., Newark, N.J., "Tape-to-Film Editor."
- Richard H. Ranger, Rangertone, Inc., Newark, N.J., "A Versatile Camera Car and Recording Unit."

FRIDAY AFTERNOON — New Equipments Session

- A. L. Holcomb, Westrex Corp., Hollywood, Calif., "Three-Phase Power From Single-Phase Source."
- Chester E. Beachell, The National Film Board of Canada, Ottawa, Ontario, Canada, "Multiple-Camera Control and Automatic Synchronizing System."
- Benjamin Berg, Benjamin Berg Agency, Hollywood, Calif., "Professional Motion Picture Camera Which Utilizes Both 16mm and 35mm Film."
- Lee R. Richardson and William N. Gaisford, Richardson Camera Co., Hollywood, Calif., "Follow-Focus Device and Camera Blimp for 16mm Professional Camera."
- Willy Borberg, General Precision Laboratory, Pleasantville, N.Y., "Buckle Reduction in 35mm Film."

SMPTE Officers and Committees: The roster of Society Officers and the Committee Chairmen and Members were published in the April *Journal*.