

Papers Presented at the New York Convention, April 30—May 4

LISTED BY SESSIONS

MONDAY AFTERNOON

- Henry J. Hood (Committee Chairman), Eastman Kodak Co., Rochester, N.Y., "16- and 8-Mm Motion Pictures Committee Report."
- Edgar E. Berger, Du-Art Film Laboratories, Inc., New York, "The Quality Control Department of a Medium Size Motion Picture Laboratory."
- F. L. Bray, Du-Art Film Laboratories, Inc., New York, "A New Processing Machine Film Spool for Use With Either 35-Mm or 16-Mm Film."
- L. Katz and W. Esthimer, Raytheon Manufacturing Co., Waltham, Mass., "Experiments in High-Speed Processing Using Turbulent Fluids."
- H. E. Hewston and Carlos H. Elmer, U.S. Naval Ordnance Test Station, China Lake, Calif., "A Continuous Processing Machine for Wide Film."
- W. Hedden, T. Weaver and Lloyd Thompson, The Calvin Co., Kansas City, Mo., "Processing 16-Mm Kodachrome Prints."
- E. K. Carver (Committee Chairman), Eastman Kodak Co., Rochester, N.Y., "Film Dimensions Committee Report."

MONDAY EVENING

- R. J. Ross, National Film Board of Canada, Ottawa, Canada, "Duplication of Color Images With Narrow Band Filters."
- Morton H. Read, Bay State Film Productions, Springfield, Mass., "The Operation of a Small Motion Picture Production Studio."
- Lt. Col. G. R. Stevens, O.B.E., Television Film Productions, Ltd., London, England, "Independent Frame—An Attempt at Rationalization of Motion Picture Production."
- Herbert Meyer, Motion Picture Research Council, Inc., Hollywood, Calif., "Non-photographic Aspects of Motion Picture Production."
- J. S. Leffen, LCDR., U.S.N., U.S. Naval Photographic Center, Anacostia, D.C., "Experimental Utilization of Television Equipment for Navy Training Film Production."

TUESDAY MORNING

- R. L. Garman (Committee Chairman), General Precision Laboratory, Pleasantville, N.Y., "Films for Television Committee Report."
- Howard Chinn, Columbia Broadcasting System, New York, "The Over-all Factors in Television Recording Operations."
- Kendel Foster, William Esty Agency, New York, "Film Problems from the Advertising Agency Point of View."
- Frank LaPore, National Broadcasting Co., New York, "The Distribution of Kinescope Films to Maintain a Television Network."

- P. J. Herbst, R. O. Drew and S. W. Johnson, RCA Victor Division, Camden, N.J., "Electrical Compensation vs. Photographic Masking in the Improvement of Contrast and Detail in Televised Film."
- Fred G. Albin, American Broadcasting Co., Hollywood, Calif., "Gray Scale Control in Video Systems."
- K. B. Benson and A. B. Ettliger, Columbia Broadcasting System, New York, "Practical Use of Iconoscopes and Image Orthicons as Film Pickup Devices."
- W. D. Kemp, British Broadcasting Corp., London, England, "Television Recording in Great Britain."
- F. N. Gillette (Committee Chairman), General Precision Laboratory, Pleasantville, N.Y., "Joint RTMA-SMPTE Television Film Equipment Committee Report."

TUESDAY AFTERNOON

- R. Bown, Bell Telephone Laboratories, Murray Hill, N.J., Speech of Welcome to Assembled Group.
- M. W. Baldwin, Jr., Bell Telephone Laboratories, Murray Hill, N.J., "Subjective Sharpness of Additive Color Pictures."
- A. G. Jensen, Bell Telephone Laboratories, Murray Hill, N.J., Description of Murray Hill Tour.
- Pierre Mertz, Bell Telephone Laboratories, Murray Hill, N.J., "Data on Random Noise Requirements for Theater Television."
- D. T. Wilber, Allen B. DuMont Laboratories, Clifton, N.J., "The Conversion of Electrical Signals into Visual Information."
- E. C. Fritts, Eastman Kodak Co., Rochester, N.Y., "A 16-Mm Projector for Storage Operation With Television Cameras."
- Frank N. Gillette and R. A. White, General Precision Laboratory, Pleasantville, N.Y., "A New Television Recording Camera."
- John Kiel, Producers Service Corp., Burbank, Calif., "A New 35-Mm Television Recording Camera."

WEDNESDAY MORNING — Two Sessions

- Kenneth Shaftan, J. A. Maurer, Inc., Long Island City, N.Y., "Progress in Photographic Instrumentation."
- J. W. Beams and J. M. Watkins, University of Virginia, Charlottesville, Va., "A High Constant-Speed Rotating Mirror."
- W. L. Hicks and R. L. Wright, Burroughs Adding Machine Co., Detroit, Mich., "Practical Application of High-Speed Photography in Business Machines."
- R. V. Bernier, Maj., USAF, Wright-Patterson Air Force Base, Dayton, Ohio, "Three-Dimensional Motion Picture Applications."
- W. W. Lozier (Committee Chairman), National Carbon Division, Fostoria, Ohio, "Report on Screen Brightness Committee Theater Survey."
- H. J. Benham, RCA Victor Division, Camden, N.J., "Studies and Comparisons of Current Motion Picture Projection Systems for Indoor and Drive-In Theaters."
- F. J. Kolb, Jr., and F. Urbach, Eastman Kodak Co., Rochester, N.Y., "Temperature-Sensitive Phosphors for Evaluating Air Jets Designed to Cool Motion Picture Film."
- G. Gagliardi, Warner Brothers Theaters, Newark, N.J., and A. T. Williams, Weston Electrical Instrument Co., Newark, N.J., "An Instrument to Measure Total Light Output at the Lens."
- Charles R. Underhill, Jr., RCA Victor Division, Camden, N.J., "The Practical Solution to the Screen Light Distribution Problem."

- W. G. Hill, Ansco Division, General Aniline & Film Corp., Binghamton, N.Y., "Modified Negative Perforation Proposed as a Single Standard for 35-Mm Motion Picture Film."
- R. W. Lavender, Ansco Division, General Aniline & Film Corp., Binghamton, N.Y., "Photoelectric Method for Evaluating Steadiness of Motion Picture Film Images."

WEDNESDAY AFTERNOON -- Two Sessions

- Alseide W. Hogan, Naval Ordnance Laboratory, Silver Spring, Md., "Use of Image Phototube as a High-Speed Camera Shutter."
- S. A. Weinberg, J. S. Watson, Jr., M.D., and G. H. Ramsey, M.D., University of Rochester School of Medicine and Dentistry, Rochester, N.Y., "Cinefluorography, Mechanical Factors and Diagnostic Applications."
- Eugene L. Perrine and Nelson W. Rodelius, Armour Research Foundation, Chicago, Ill., "Simultaneous High-Speed Arc Photography and Data Recording With 16-Mm Fastax Camera."
- E. M. Lowry, Eastman Kodak Co., Rochester, N.Y., "The Luminance Discrimination of the Human Eye."
- David L. MacAdam, Eastman Kodak Co., Rochester, N.Y., "Influence of Color of Surround on Hue and Saturation."
- S. D. S. Spragg, University of Rochester, Rochester, N.Y., "Visual Performance on Perceptual Tasks at Low Photopic Brightnesses."
- H. L. Logan, Holophane Co., Inc., New York, "Photometric Factors in the Design of Motion Picture Auditoriums."
- Sylvester K. Guth, General Electric Co., Cleveland, Ohio, "Surround Brightness: Key Factor in Viewing Projected Pictures."
- Benjamin Schlanger and William A. Hoffberg, Theater Engineering and Architecture Consultants, New York, "New Approaches Developed by Relating Film Production Techniques to Theater Exhibition."

THURSDAY MORNING

- E. A. Andres, Sr., and H. P. Roganti, Wright-Patterson Air Force Base, Dayton, Ohio, "High-Speed Photography."
- Karl Maier, Springfield Arsenal, Springfield, Mass., "A Slide Rule for Analyzing High-Speed Motion Picture Data."
- Brian O'Brien, University of Rochester, Rochester, N.Y., "A Printer for Image Dissection Camera Negatives."
- Robert Rice, University of North Carolina, Chapel Hill, N.C., "A Study of Flames."
- John H. Waddell (Committee Chairman), Wollensak Optical Co., Rochester, N.Y., "High-Speed Committee Report."

THURSDAY AFTERNOON

- Samuel R. Todd, Board of Examiners, City of Chicago, Chicago, Ill., "Safety Requirements in Projection Rooms and Television Studios."
- Otto H. Schade, Tube Dept., RCA Victor Division, Harrison, N.J., "A New System of Measuring and Specifying Image Definition."
- H. G. Kobrak, M.D., University of Chicago, Chicago, Ill., "Auditory Perspective."
- E. Arthur Hungerford, Jr., General Precision Laboratory, Inc., Pleasantville, N.Y., "Techniques for Producing Electronic Movies."
- Richard Blount (Committee Chairman), General Electric Co., Nela Park, Cleveland, Ohio, "Television Studio Lighting Committee Report."

FRIDAY MORNING

- J. R. Montgomery, J. R. Montgomery Engineering Co., Chicago, Ill., "Tape Transport Theory—Speed Control."
- George Lewin, Signal Corps Photographic Center, Long Island City, N.Y., "Special Techniques in Magnetic Recording for Motion Pictures."
- George Lewin, Signal Corps Photographic Center, Long Island City, N.Y., "Synchronous Quarter-Inch Magnetic Tape for Motion Pictures."
- Leslie I. Carey and Frank Moran, Universal-International Pictures Co., Inc., Universal City, Calif., "Push-Pull Direct-Positive Recording—An Auxiliary to Magnetic Recording."
- Robert Herr, Minnesota Mining and Manufacturing Co., St. Paul, Minn., "Ferrite Materials for Magnetic Heads."

FRIDAY AFTERNOON

- W. W. Wetzel, B. F. Murphey and R. Herr, Minnesota Mining and Manufacturing Co., St. Paul, Minn., "The Mechanism of High-Frequency Bias in Magnetic Recording."
- George W. Colburn, George W. Colburn Laboratories, Chicago, Ill., "Editing Quarter-Inch Synchronous Magnetic Tape."
- E. E. Masterson, F. J. Putzrath and H. E. Roys, RCA Victor Division, Camden, N.J., "Magnetic Sound on Edge-Coated 16-Mm Film."
- James A. Larsen, Academy Films, Hollywood, Calif., "Improved Kodachrome Sound Quality With Supersonic Bias Technique."
- C. H. Evans and J. F. Finkle, Eastman Kodak Co., Rochester, N.Y., "Sound Track on Eastman Color Print Film."
- R. T. Van Niman (Subcommittee Chairman), 4441 Indianola Ave., Indianapolis, Ind., "Report from Phototube Subcommittee of Sound Committee."

Meetings of Other Societies

American Physical Society, June 25–28, Vancouver, Canada

American Institute of Electrical Engineers, June 25–29, Toronto, Canada

Illuminating Engineering Society, Aug. 27–30, Washington, D.C.

Biological Photographic Association, 21st Annual Meeting, Sept. 12–14, Kenmore Hotel, Boston, Mass.

Theatre Equipment and Supply Manufacturers' Association (in conjunction with Theatre Equipment Dealers), Oct. 11–13, Ambassador Hotel, Los Angeles, Calif.

National Electronics Conference, Seventh Annual Conference, Oct. 22–24, Edgewater Beach Hotel, Chicago. The conference is sponsored by the American Institute of Electrical Engineers, Institute of Radio Engineers, Illinois Institute of Technology, Northwestern University and the University of Illinois, with participation by the University of Wisconsin and the Society of Motion Picture and Television Engineers.

The American Institute of Physics is holding a twentieth anniversary meeting in Chicago on October 23–27. Its member societies will hold meetings at that time as follows:

Acoustical Society of America, Oct. 23–25

Optical Society of America, Oct. 23–25

Society of Rheology, Oct. 24–26

American Physical Society, Oct 25–27

American Association of Physics Teachers, Oct. 25–27