

PAPERS PROGRAM, FALL 1931 CONVENTION

MONDAY, OCTOBER 5TH

8:30 A.M.—Convention Registration.

9:30 A.M.—Convention Called to Order (*Ballroom, New Ocean House*).

Address of Welcome by President K. T. Compton, Massachusetts Institute of Technology, Cambridge, Mass.

Response by the President, J. I. Crabtree.

Report of the Convention Committee; W. C. Kunzmann, *Chairman*.

Reports of Secretary and Treasurer; J. H. Kurlander, *Secretary*, and H. T. Cowling, *Treasurer*.

Election of Officers.

Report of Progress Committee; G. E. Matthews, *Chairman*.

"European Film Markets Then and Now," by C. J. North and N. D. Golden, Department of Commerce, Washington, D. C.

Résumé of the Proceedings of the Dresden International Photographic Congress, by S. E. Sheppard, Eastman Kodak Co., Rochester, N. Y.

Report of the Historical Committee; C. L. Gregory, *Chairman*.

"Air Conditioning by the Silica Gel Method," by E. C. Holden, Silica Gel Corp., Baltimore, Md.

"Utilization of Desirable Seating Areas in Relation to Screen Shapes and Sizes and Theater Floor Inclinations," by Ben Schlanger, New York, N. Y.

"Design and Construction of Motion Picture Sets," by William Saulter, Paramount Publix Corp., Astoria, New York, N. Y.

1:00 P.M.—Luncheon.

2:00 P.M.—Papers (*Ballroom, New Ocean House*).

"Some Recent Educational Film Experiments," by Glenn Griswold, Fox Film Corp., New York, N. Y.

"The Optics of Projectors for 16-Mm. Film," by A. A. Cook, Bausch & Lomb Optical Co., Rochester, N. Y.

"Mechanical Advantages of the Optical Intermittent Projector," by J. L. Spence, Akeley Camera, Inc., New York, N. Y.

"A Sound Motion Picture Projector for 16-Mm. Film," by R. A. Miller and H. Pfannenstiehl, Bell Telephone Laboratories, New York, N. Y.

"Advantages of 16-Mm. Supersensitive Panchromatic Film in Making Medical Motion Pictures," by R. P. Schwartz, University of Rochester, Rochester, N. Y., and H. G. Tuttle, Eastman Kodak Co., Rochester, N. Y.

"Proposed Standards for 16-Mm. Sound on Film Dimensions," by R. P. May, RCA Victor Co., Camden, N. J.

Report of the Standards Committee; A. C. Hardy, *Chairman*.

"Proposed Changes in the Present Standard 35-Mm. Film Perforation," by A. S. Howell and J. A. Dubray, Bell and Howell Co., Chicago, Ill.

Report of the Color Committee; W. V. D. Kelly, *Chairman*.

8:00 P.M.—Lecture, illustrated with motion pictures, "Wonders of the Commonplace," by Norman McClintock, Koppers Research Corp., Ligonier, Pa. (*Ballroom, New Ocean House*).

TUESDAY, OCTOBER 6TH

8:30 A.M.—Registration.

9:30 A.M.—Papers (*Ballroom, New Ocean House*).

"Motion Pictures in Relief," by H. E. Ives, Bell Telephone Laboratories, New York, N. Y.

"A High Speed Stroboscope," by H. E. Edgerton, Massachusetts Institute of Technology, Cambridge, Mass.

Open Forum; "How Can the Motion Picture Engineer Be of Greater Service to the Producer."

Report of the Sound Committee; H. B. Santee, *Chairman*.

"Recent Improvements in Thermionic Devices," by M. J. Kelly, Bell Telephone Laboratories, New York, N. Y.

"Studio Organization," by Carl Dreher, RKO Studios, Hollywood, Calif.

Report of Committee on Revision of the By-Laws.

"A Method of Directly Measuring Distortion in Audio Frequency Systems," by W. M. Tuttle, General Radio Co., Cambridge, Mass.

"Size of Image as a Guide to Depth of Focus in Cinematography," by J. F. Westerberg, United Artists Studio, Hollywood, Calif.

1:00 P.M.—Luncheon.

2:00 P.M.—Inspection Trips to Massachusetts Institute of Technology or Harvard University.

8:00 P.M.—Exhibition of Recent Films of Interest (*Ballroom, New Ocean House*).

WEDNESDAY, OCTOBER 7TH

9:30 A.M.—Papers (*Ballroom, New Ocean House*).

"Development of the Light Valve," by T. E. Shea, Bell Telephone Laboratories, New York, N. Y.

"Vertical Sound Records; Recent Fundamental Advances in Mechanical Records on Wax," by H. A. Frederick, Bell Telephone Laboratories, New York, N. Y.

"Western Electric Noiseless Recording," by H. C. Silent, Electrical Research Products, Inc., Hollywood, Calif.

"A New Bell and Howell Printer," by J. A. Dubray, Bell and Howell Co., Chicago, Illinois.

Report of Studio Lighting Committee; M. W. Palmer, *Chairman*.

"The Bomb Microphone," by W. C. Miller, M-G-M Studios, Culver City, Calif.

"Studio Projection and Reproduction Practice," by J. O. Aalberg, RKO Studios, Hollywood, Calif.

"Sound Recording for Independent Productions," by L. E. Clark, Clarco, Inc., Hollywood, Calif.

1:00 P.M.—Luncheon.

2:00 P.M.—Papers (*Ballroom, New Ocean House*).

"Mechanism of Hypersensitization," by B. H. Carroll and D. Hubbard, Bureau of Standards, Washington, D. C.

"An Experimental Study of Several Methods of Representing Photographic Sensitivity," by R. Davis and G. K. Neeland, Bureau of Standards, Washington, D. C.

"The Variation in Emulsion Speed with the Distribution of Energy in Sources of Equal Visual Intensity," by R. Davis and G. K. Neeland, Bureau of Standards, Washington, D. C.

"On the Assignment of Printing Exposure by Measurement of Negative Characteristics," by C. M. Tuttle, Eastman Kodak Co., Rochester, N. Y.

"The Reducing Action of Fixing Baths on the Silver Image," by J. I. Crabtree and H. D. Russell, Eastman Kodak Co., Rochester, N. Y.

"A Device for Printing Sound Films," by R. B. Wood and S. Watson, Jr., Rochester, N. Y.

"Gamma by Least Squares," by D. R. White, du Pont Film Mfg. Corp., Parlin, N. J.

"Speed in Camera Lenses and Emulsions," by Lewis Physioc, Hollywood, Calif.

"Depue Automatic Sound Printer," by O. B. Depue, Chicago, Ill.

"Special Process Technic," by Vern Walker, RKO Studios, Hollywood, Calif.

7:00 P.M.—Semi-Annual Banquet (*Dining Room, New Ocean House*).

THURSDAY, OCTOBER 8TH

9:30 A.M.—Papers (*Ballroom, New Ocean House*).

"Sound in the Los Angeles Theater, Los Angeles, Calif.," by D. M. Cole, Electrical Research Products, Inc., New York, N. Y.

"Thermionic Control of Theater Lighting," by B. S. Burke, Westinghouse Electric and Mfg. Co., Pittsburgh, Pa.

Report of the Projection Practice Committee; H. Rubin, *Chairman*.

Report of the Projection Theory Committee; W. B. Rayton, *Chairman*.

Report of the Projection Screens Committee, S. K. Wolf, *Chairman*.

"Sound Motion Picture Projector Equipment for the U. S. Navy," by S. W. Cochran, RCA Victor Co., Camden, N. J.

"Acoustical Treatment of Madison Square Garden," by S. K. Wolf, Electrical Research Products, Inc., New York, N. Y.

- “Lighting the Modern Theater,” by F. M. Falge, Beaded Screen Corp., New York, N. Y.
- “The Screen—A Projectionist’s Problem,” by F. M. Falge, Beaded Screen Corp., New York, N. Y.
- “Low Amperage Reflecting Arc Lamp for Portable Sound Equipment,” by H. H. Strong, Strong Electric Co., Toledo, Ohio.