

SOCIETY of MOTION PICTURE ENGINEERS

HOTEL PENNSYLVANIA • NEW YORK, N.Y. • TEL. PENN. 6 0620

TENTATIVE PROGRAM

58th Semi-Annual Technical Conference
Society of Motion Picture Engineers
Hotel Pennsylvania, New York, October 15-17, 1945

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MONDAY, OCTOBER 15, 1945

Open Morning.

10:00 a.m. Hotel Pennsylvania, 18th Floor: Registration.

2:00 p.m. Salle Moderne: Opening Session of Conference.

Clyde R. Keith, Chairman

Session will open with a 10-min. pre-release 35-mm motion picture short.

Welcome by President Donald E. Hyndman.

Report of the Convention Vice-President, W. C. Kunzmann.

- "The Waller Flexible Gunnery Trainer," by Fred Waller, Vitarama Corp., Long Island City, N. Y.
- "A Wide Angle 35-Mm High-Speed Motion Picture Camera," by J. H. Waddell, Bell Telephone Laboratories, New York.
- "Nonintermittent Motion Picture Projector with Variable Magnification," by F. G. Back, Research and Development Laboratory, New York.
- "A New 16-Mm Buzz Track Recorder," by M. G. Townsley, Bell and Howell Co., Chicago, Ill.
- "Use of the 16-Mm Motion Picture in the Educational Reconditioning of Hospitalized Combat Veterans," by E. W. Schultz, Army Medical Center, (Walter Reed General Hospital), Washington, D. C.
- "A Film Splicing and Repair Machine," by Armour Wallingsford, Republic Studio, North Hollywood, Calif.
- "A Laboratory Film Ink," by Armour Wallingsford, Republic Studio, North Hollywood, Calif.

8:00 p.m. Salle Moderne: Evening Session.

Nathan D. Golden, Chairman

Talk on I. G. Farben Agfa Color by Lt. Col. R. H. Ranger, U. S. Army Signal Corps, on behalf of the U. S. Technical Industrial Intelligence Committee. Program sponsored by the U. S. Department of Commerce.

TUESDAY, OCTOBER 16, 1945

10:00 a.m. Salle Moderne: Morning Session.

Earl I. Sponable, Chairman

Session will open with a 10-min. pre-release 35-mm motion picture short.

- "The Use of Desiccants with Undeveloped Photographic Film," by C. E. Ives and C. J. Kunz, Eastman Kodak Co., Rochester, N. Y.
- "Measurement and Control of Dirt in Motion Picture Processing Laboratories," by N. L. Simmons, Eastman Kodak Co., Hollywood, and A. C. Robertson, Eastman Kodak Co., Rochester, N. Y.
- "Aluminum and Chromium as Gelatin Hardeners," by H. L. Baumbach and H. E. Gausman, Paramount Pictures, Inc., Hollywood.
- "Air Blowback into Developers," by F. L. Eich, Paramount Pictures, Inc., Hollywood.
- "An Application of Direct-Positive Sound Track in 16-Mm Release Processing by Duplication Method," by Major G. C. Misener and G. Lewin, Signal Corps Photographic Center, Long Island City, N. Y.

2:00 p.m. Salle Moderne: Afternoon Session.

Herbert Griffin, Chairman

Session will open with a 10-min. pre-release 35-mm motion picture short.

- "The Wartime Record and Post-War Future of Projection and Sound Equipment," by A. G. Smith, National Theatre Supply, New York.
- "Carbon Arcs for Motion Picture and Television Studio Lighting," by F. T. Bowditch, M. R. Null and R. J. Zavesky, National Carbon Co., Cleveland, Ohio.
- "Projection Equipment for Review Rooms," by H. J. Benham, Radio Corporation of America, RCA Victor Division, Camden, N. J.
- "Specialized Photography Applied to Engineering in the Army Air Forces," by Major P. M. Thomas and Capt. C. H. Coles, Air Technical Service Command, Wright Field, Ohio.
- Me — "A Loudspeaker for Critical Monitoring," by Major P. W. Klipsch, Southwestern Proving Ground, Hope, Ark.
- "An Absolute Method for the Determination of the Effective 'f' Stop Calibration of Camera Lenses," by C. R. Daily, Paramount Pictures, Inc., Hollywood.
- "Theory and Practice of Lighting for the Camera," by Lt. H. T. Souther, U. S. Army Signal Corps, Long Island City, N. Y.

8:30 p.m. Georgian Room: Fifty-Eighth Semi-Annual Dinner-Dance.
President Donald E. Hyndman, presiding. (Dress optional)

Introduction of Officers-elect for 1945.
Presentation of certificate to Fellows-elect.
Presentation of Journal Award for 1945.
Music and entertainment until 12:30 a.m.

WEDNESDAY, OCTOBER 17, 1945

10:00 a.m. Salle Moderne: Morning Session.

Major Lloyd T. Goldsmith, Chairman

Session will open with a 10-min. pre-release 35-mm motion picture short.

"Vertical Lift Panel Doors for Stage Separation," by A. C. Zoulis, Paramount Pictures, Inc., Hollywood

"Bulkhead Gates for Water Tanks Required for Motion Picture Production," by A. C. Zoulis, Paramount Pictures, Inc., Hollywood.

"The Illusion of Depth in Motion Pictures," by Lt. H. T. Souther, U. S. Army Signal Corps, Long Island City, N. Y.

"A Simplified Recording Transmission System," by F. L. Hopper and R. C. Moody, Electrical Research Products Division, Western Electric Co., Los Angeles, Calif.

"A Brief for Film in Television," by John Flory, of Grant, Flory and Williams, New York.

"A Complete Motion Picture Production Plant for Metropolitan New York," by R. B. Austrian, RKO Television Corp., New York.

2:00 p.m. Salle Moderne: Afternoon Session.

E. Allan Williford, Chairman

Session will open with a 10-min. pre-release 35-mm motion picture short.

"Report of the SMPE Color Committee," by J. A. Ball, Chairman, Hollywood.

"The Printing of 16-Mm Kodachrome Duplicates," by R. M. Evans, Eastman Kodak Co., Rochester, N. Y.

"The Ansco Colorpak Process for Professional Motion Pictures," by H. H. Duerr and H. C. Harsh, Ansco, Binghamton, N. Y.

"Sensitometric Evaluation of Reversible Color Film," by R. H. Bingham, Ansco, Binghamton, N. Y.

"Preliminary Sound Recording Tests with Variable-Area Dye Tracks," by R. O. Drew and S. W. Johnson, Radio Corporation of America, RCA Victor Division, Indianapolis, Ind.

"Phototube for Dye Image Sound Track," by A. M. Glover and A. R. Moore, Radio Corporation of America, Lancaster, Pa.

"The Behavior of a Blue-Sensitive Phototube in Theater Sound Equipment," J. D. Phyfe, Radio Corporation of America, RCA Victor Division, Indianapolis, Ind.

8:00 p.m. Salle Moderne: Evening Session.

(Chairman to be announced)

Session will open with a 10-min. pre-release 35-mm motion picture short.

"The Problem of Amateur Color Photography," by R. M. Evans, Research Laboratories, Eastman Kodak Co., Rochester, N. Y.

Note: This is a one hour and forty-five minute semi-popular lecture and demonstration on color photography.

Adjournment of Fifty-Eighth Semi-Annual Technical Conference.