

# FIFTY-FIFTH SEMI-ANNUAL TECHNICAL CONFERENCE

OF THE

## SOCIETY OF MOTION PICTURE ENGINEERS

HOTEL PENNSYLVANIA, NEW YORK, N. Y.

APRIL 17-19, 1944

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*Note:* In order to comply with the wartime paper conservation program only names of the committee chairmen serving our Conferences will be listed in released bulletins for the duration.

The 55th Semi-Annual Technical Conference of the Society will be held in New York as scheduled and announced previously. However, owing to wartime conditions affecting hotel accommodations and food rationing, it has been decided to dispense with all social functions usually held during our meetings.

The Papers Committee has arranged a full 3-day program devoted to topics of current interest. Sessions have been scheduled for mornings and afternoons only leaving the evenings open to permit members and guests to plan personal activities.

The Conference will be strictly technical at which the application of motion pictures to war needs will be stressed, with a number of film presentations and demonstrations accompanying papers. Definite and tentative titles scheduled up to March 20th are listed in the program below.

### TENTATIVE PROGRAM

*Monday, April 17*

9:00 a.m.

*Hotel Pennsylvania, 18th Floor: Registration.*

10:00 a.m.

*Salle Moderne: Morning Session.*

Opening of Conference by Herbert Griffin, President.  
Reports by SMPE Officers and Committee Chairmen.

Symposium on High-Speed Photography:

"The Gun Sight Aiming-Point Cameras," by Capt. E. M. Watson, Army Air Forces, Wright Field, Dayton, Ohio.

\*"The Eastman High-Speed Camera," by R. K. Wagershauser, Eastman Kodak Co., Rochester, N. Y.

"Photoflash Lamps as Illuminant for High-Speed Motion Picture Photography," by H. M. Lester, New York.

\*"The Ultra-High-Speed Photography," by J. H. Washburn, Lockheed Aircraft Co., Los Angeles, Calif.

Symposium on Television:

"Television from the Viewpoint of a Motion Picture Producer," by Wyllis Cooper, Program Dept., National Broadcasting Co., New York.

"Television from the Viewpoint of a Broadcaster," by W. C. Miner, Television Program Dept., Columbia Broadcasting System, New York.

"A New 35-Mm Projector with a New Light Source," by T. W. M. Schaffers, North American Philips Co., Inc., Hastings-on-Hudson, N. Y.

2:00 p.m.

*Salle Moderne: Afternoon Session.*

"The MGM Re-Recording Console," by W. C. Miller, Sound Dept., Metro-Goldwyn-Mayer Studios, Culver City, Calif.

"Re-Recording Equalizers," by Harry Kimball, Sound Dept., Metro-Goldwyn-Mayer Studios, Culver City, Calif.

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\* Subject to change.

- "The Phono-Cue Starter," by W. H. Turner and Clem Portman, Sound Dept., RKO Radio Pictures Corp., Hollywood, Calif.
- "Some Turbulation Characteristics of the New 20th Century-Fox Developing Machine," by M. S. Leshing and T. M. Ingman, 20th Century-Fox Film Co., Hollywood, Calif.
- "Some Problems of Drive-In Theaters," by L. H. Walters, National Theater Supply Co., Cleveland, Ohio.
- "A Direct Reading Audio-Frequency Meter," by W. R. Strauss, North American Philips, Co., Inc., Hastings-on-Hudson, N. Y.

**Tuesday, April 18—ARMY-NAVY DAY**

**9:00 a.m.**

*Hotel, 18th Floor: Registration.*

**10:00 a.m.**

*Salle Moderne: Morning Session.*

Symposium on Training Films by Training Film Branch, Bureau of Aeronautics, U. S. Navy:

- "Training Film Formula," by Orville Goldner, Lt., USNR, Head Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.
- "The Screen's the Limit," by R. B. T. Schmuck, Lt., USNR, Photographic Division, Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.
- "The Training Film—An Instrument for the Control of Human Behavior," by H. B. Roberts, Lt., USNR, Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.
- "Treatment of Navy Slide Films for Psychologic Impact," by J. D. Dresser, Lt., USNR, Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.
- "Getting the Most for the Navy Training Film Dollar," by L. R. Goldfarb, Ensign, USNR, Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.
- "It Is to Laugh," by J. E. Bauernschmidt, Lt. (j.g.), USNR, Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.
- "The Camera Versus the Microphone in Training Film Production," by H. R. Jensen, Lt., USNR, Training Film Branch, Bureau of Aeronautics, U. S. Navy, Washington, D. C.

**2:00 p.m.**

*Salle Moderne: Afternoon Session.*

Symposium on U. S. Naval Photographic Science Laboratory:

- "The Photographic Science Laboratory of the Bureau of Aeronautics," by an Officer to be designated later.
- "The Western Electric Recording Equipment—U. S. Naval Photographic

- Science Laboratory," by R. O. Strock and E. A. Dickinson, Electrical Research Products Division, Western Electric Co., New York.
- \*"Maurer 16-Mm Equipment at the Photographic Science Laboratory," by Sylvan Harris and J. A. Maurer, J. A. Maurer, Inc., New York.
- "The PH-346A Recording Equipment," by W. C. Miller, Sound Dept., Metro-Goldwyn-Mayer Studios, Culver City, Calif.
- "An Army Air Forces Portable Recording Unit," by F. T. Dyke, Lt., Hdq., 1st Motion Picture Unit, Army Air Forces, Culver City, Calif.

**Wednesday, April 19**

**9:00 a.m.**

*Hotel, 18th Floor: Registration.*

**10:00 a.m.**

*Salle Moderne: Morning Session.*

**Symposium on 16-Mm Standardization:**

Remarks of D. E. Hyndman, Engineering Vice-President.

"Current War Standardization Activities in Motion Picture Equipment," by L. T. Goldsmith, Capt., Signal Corps Photographic Center, Long Island City, N. Y.

"The Role of the American Standards Association in Motion Picture Standardization," by J. W. McNair, American Standards Association, New York.

"Some Notes on the Performance of Radio Parts Used for War Purposes," by S. L. Chertok, American Standards Association, New York.

\*Status Reports by Chairmen of ASA Z-52 Subcommittees:

Subcommittee B on 16-Mm Sound, by J. A. Maurer.

Subcommittee C on 16-Mm Laboratory Practice, by M. R. Boyer.

Subcommittee D on 16-Mm Projection, by A. G. Zimmerman.

**Symposium on 16-Mm:**

"ABC of Photographic Sound Recording," by E. W. Kellogg, RCA Victor Division, Radio Corporation of America, Indianapolis, Ind.

\*"Distortion in 16-Mm Variable-Area Recordings," by Robert McKie, RCA Victor Div., Radio Corporation of America, Hollywood, Calif.

\*"Re-Recording 35-Mm Entertainment Films for 16-Mm Armed Forces Release," by P. E. Brigandi, RKO Radio Pictures Corp., and W. M. Dalgleish, RCA Victor Div., Radio Corporation of America, Hollywood, Calif.

"Dubbing Variable-Density 35-Mm Sound Track to 16-Mm," by S. P. Solow, Consolidated Film Industries, Hollywood, Calif.

"A Film for Measuring Projector Steadiness," by Bell & Howell Co., Chicago, Ill.

"The Effect of Filament Location on Projection Screen Uniformity," by Bell & Howell Co., Chicago, Ill.

"A Method for Measuring the Steadiness of Motion Picture Cameras," by Bell & Howell Co., Chicago, Ill.

2:00 p.m.

*Salle Moderne: Afternoon Session.*

- \*"The Physical Properties and Dimensional Behavior of Motion Picture Film," by Dr. J. M. Calhoun, Eastman Kodak Co., Rochester, N. Y.
- \*"Some Relationships between the Physical Properties and the Behavior of Motion Picture Film," by R. H. Talbot, Eastman Kodak Co., Rochester, N. Y.
- "Some Aspects of the Storage and Preservation of 16-Mm Teaching Films," by W. H. Offenhauser, Jr., New York.
- "Some Notes on the Distribution of 16-Mm Educational Films," by L. Larsen, Educational Film Library Association, New York.
- \*"Some Notes on the Circulation of 16-Mm Educational Films," by H. Sams, New York.
- "The Teaching of Basic English by Means of Feature Films," by A. Betty Lloyd, Office of Strategic Services, Washington, D. C.

**REGISTRATION**

The registration headquarters will be located on the 18th floor of the hotel at the entrance of the Salle Moderne where all technical sessions will be held. Members and guests are expected to register and receive their Conference badges and identification cards for admittance. The fee is used to defray Conference expenses.

**MOTION PICTURES**

Identification cards issued at the time of registration will be honored at a number of *deluxe* motion picture theaters in New York. There are many entertainment attractions available in New York to out-of-town delegates and guests, and information concerning them may be obtained at the hotel information desk or at the SMPE registration headquarters.