

## PROGRAM\*

MONDAY, OCTOBER 16TH

**Banquet Room; General and Business Session; J. I. Crabtree, *Chairman.***

Report of the Convention Arrangements Committee; W. C. Kunzmann, *Convention Vice-President.*

Report of the Membership and Admissions Committee; E. R. Geib, *Chairman.*  
Welcome by the President; E. A. Williford.

Society Business:

Election of Officers for 1940.

Proposed Amendments of the By-Laws.

"The Problem of Distortion in the Human Ear;" S. S. Stevens, Department of Psychology, Harvard University, Cambridge, Mass.

"High-Speed Motion Pictures of the Human Vocal Cords;" J. Crabtree and D. W. Farnsworth, Bell Telephone Laboratories, New York, N. Y. (*Demonstration.*)

**Grand Ballroom; Informal Get-Together Luncheon; E. A. Williford, *Chairman.***  
Address of Welcome by the Honorable Fiorello H. LaGuardia, Mayor of the City of New York.

Guests: Hon. Bruce Barton, Mr. W. G. Van Schmus.

**Banquet Room; General Session; *Chairman.***

"Science and the Motion Picture;" H. Roger, Rolab Photo-Science Laboratories, Sandy Hook, Conn. (*Demonstration.*)

"Backward Perspective—A Review in Retrospect of the Work of the Museum of Modern Art Film Library since 1936;" D. L. Baxter, Museum of Modern Art Film Library, New York, N. Y. (*Demonstration.*)

"Photographic Duping of Variable-Area Sound;" F. W. Roberts and E. Taenzer, Ace Film Laboratories, Brooklyn, N. Y. (*Demonstration.*)

"Volume Distortion;" S. L. Reiches, Case School of Applied Science, Cleveland, Ohio. (*Demonstration.*)

"Sound Equipment at the Bell Telephone Exhibit at the New York World's Fair;" W. A. MacNair, Bell Telephone Laboratories, New York, N. Y.

**Chrysler Auditorium, New York World's Fair.**

"Three Dimensional Motion Pictures;" J. A. Norling, Loucks & Norling, New York, N. Y. (*Demonstration.*)

**RCA Building, New York World's Fair.**

Demonstration of television by engineers of the RCA.

**Kodak Building, New York World's Fair.**

"Automatic Slide Projectors for the New York World's Fair;" F. Tuttle, Eastman Kodak Co., Rochester, N. Y.

After presentation of the paper there was a demonstration of projected Kodachromes, after which the delegates were conducted through the projection rooms.

**American Telephone and Telegraph Building, New York World's Fair.**

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\* As actually followed at the sessions.

Demonstration of Two-Channel Recording and Reproduction with Steel Tape, with participation by the visiting delegates, followed by a demonstration of the "Voder." Aural acuity tests were also made by means of special tone-hearing test machines.

**TUESDAY, OCTOBER 17TH**

**Banquet Room; Laboratory and General Session; D. E. Hyndman, *Chairman.***

Report of the Laboratory Practice Committee; D. E. Hyndman, *Chairman.*

"The Importance of Coöperation between Story Construction and Sound to Achieve a New Personality in Motion Pictures;" L. L. Ryder, Paramount Studios, Hollywood, Calif.

"Lenses for Amateur Motion Picture Equipment (16-Mm and 8-Mm);" R. Kingslake, Eastman Kodak Co., Rochester, N. Y.

**Joint meeting with the New York Electrical Society;** in the auditorium of the Engineering Societies Building, 29 West 39th Street, New York, N. Y.

Speaker: Homer Dudley, Bell Telephone Laboratories, New York, N. Y. Demonstration of the "Vocoder."

**WEDNESDAY, OCTOBER 18TH**

**Banquet Room; Projection Session; A. N. Goldsmith, *Chairman.***

"Future Development in the Field of the Projectionist;" A. N. Goldsmith, New York, N. Y.

"Motion Picture Auditorium Lighting;" B. Schlanger, New York, N. Y.

"Simplex 4-Star Double-Film Attachment;" W. Borberg and B. Pirner, International Projector Corp., New York, N. Y.

"The Projectionist's Part in Maintenance and Servicing;" J. R. Prater, Congress Theater, Palouse, Wash.

"Suggestions for Encouraging Study by Projectionists;" F. H. Richardson, Quigley Publishing Co., New York, N. Y.

"Delivering Laboratory Results to Theater Patrons;" J. R. Prater, Congress Theater, Palouse, Wash.

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

"Projection Room Planning for Safety;" E. R. Morin, State of Connecticut, Department of State Police, Hartford, Conn.

**Banquet Room; General Session; H. Griffin, *Chairman.***

"Large-Size Non-Rotating High-Intensity Carbons and Their Application to Motion Picture Projection;" D. B. Joy, W. W. Lozier, and R. Simon, National Carbon Co., Fostoria, Ohio.

"Television Control Equipment for Film Transmission;" R. L. Campbell, Allen B. DuMont Laboratories, Passaic, N. J.

"A Narrow-Band Transmission System for Animated Line Images;" A. M. Skellett, Bell Telephone Laboratories, New York, N. Y. (*Demonstration.*)

"Optical Control of Wave-Shape and Amplitude Characteristics in Variable-Density Recording;" G. L. Dimmick, RCA Manufacturing Co., Camden, N. J. (*Demonstration.*)

"Improvement in Sound and Picture Release through the Use of Fine-Grain Film;" C. R. Daily, Paramount Studios, Hollywood, Calif. (*Demonstration.*)

"Synthetic Reverberation for Motion Picture Studios;" P. C. Goldmark and P. S. Hendricks, Columbia Broadcasting Co., New York, N. Y. (*Demonstration.*)

**Grand Ballroom; Semi-Annual Banquet and Dance.**

Introduction of Officers-Elect for 1940.

Presentation of the SMPE Progress Medal.

Presentation of the SMPE Journal Award.

Entertainment and Dancing.

#### THURSDAY, OCTOBER 19TH

**Banquet Room; Sixteen-Mm and General Session; R. C. Holslag, *Chairman.***

Report of the Non-Theatrical Equipment Committee; R. C. Holslag, *Chairman.*

"Some Industrial Applications of Current 16-Mm Sound Motion Picture Equipment;" W. H. Offenhauser, Jr., and F. H. Hargrove, Berndt-Maurer Corp., New York, N. Y.

"A New Non-Intermittent Motion Picture Projector;" F. Ehrenhaft and F. G. Back, New York, N. Y. (*Demonstration.*)

"A Flexible Time-Lapse Outfit;" A. B. Fuller and W. W. Eaton, Eastman Kodak Co., Rochester, N. Y.

"A Sound-Track Center-Line Measuring Device;" F. W. Roberts and H. R. Cook, Jr., Ace Film Laboratories, Brooklyn, N. Y.

"Development and Application of the Triple-Head Background Projector;" B. Haskins, Warner Bros. First National Studios, Burbank, Calif.

**Banquet Room; Sound Session; K. F. Morgan, *Chairman.***

"Considerations Relating to Warbled Frequency Film;" E. S. Seeley, Altec Service Corp., New York, N. Y.

Report of the Standards Committee, E. K. Carver, *Chairman.*

"Report on the Adaptation of Fine-Grain Films to Variable-Density Sound Technics;" J. G. Frayne, Hollywood, Calif.

"New High-Quality Sound System;" G. Friedl, Jr., H. Barnett and E. J. Shortt, International Projector Corp., New York, N. Y.

"Starting Characteristics of Speech Sound;" R. O. Drew and E. W. Kellogg, RCA Manufacturing Co., Camden, N. J.

"Tape Splicers for Film Developing Machines;" J. G. Capstaff and J. S. Beggs, Eastman Kodak Co., Rochester, N. Y.

Report of the Studio Lighting Committee; C. W. Handley, *Chairman.*

"Class B Push-Pull for Original Recording;" D. J. Bloomberg and C. L. Lootens, Republic Productions, Inc., Hollywood, Calif.

"A Multiduty Motor System;" A. L. Holcomb, Electrical Research Products, Inc., Hollywood, Calif.