

TENTATIVE PROGRAM

MONDAY, MAY 24th

- 9:00 a. m. **Registration; Blossom Room.**
- 10:00 a. m.
to 12:00 p. m. **Blossom Room; Business and General Session.**
Opening Remarks by President S. K. Wolf. (10 Min.)
Report of the Convention Committee; W. C. Kunzmann,
 Convention Vice-President. (5 Min.)
Report of the Membership Committee; E. R. Geib, *Chairman.*
 (5 Min.)
Report of the Papers Committee; G. E. Matthews, *Chairman.*
 (5 Min.)
"Progress in the Motion Picture Industry;" Report of the Prog-
ress Committee; J. G. Frayne, *Chairman.* (20 Min.)
Report of the Historical Committee; E. Theisen, *Chairman.*
 (10 Min.)
"Soft X-ray Motion Pictures of Small Biological Specimens;"
 H. F. Sherwood, Kodak Research Laboratories, Rochester,
 N. Y. (*Demonstration.*) (15 Min.)
"Educational Film Progress and Problems;" S. K. Wolf,
 Erpi Picture Consultants, Inc., New York, N. Y. (*Demon-*
 stration.) (25 Min.)
- 12:30 p. m. **Florentine Room; Informal Luncheon.**
For members, their families, and guests. Brief addresses by
prominent members of the industry.
- 2:00 p. m.
to 5:00 p. m. **Blossom Room; Studio Session.**
"The London Film Studios at Denham, England;" L. Fer-
maud and J. Okey, London Film Productions, Ltd., Denham,
Middlesex, England. (20 Min.)
"The Evolution of Special Effects Photography from an Engi-
neering Viewpoint;" F. W. Jackman, Hollywood, Calif.
 (*Demonstration.*) (25 Min.)
"Special Engineering Problems in a Motion Picture Studio;"
 W. Strohm, Twentieth Century-Fox Film Corp., Hollywood,
 Calif. (20 Min.)
"A New Viewpoint on the Lighting of Motion Pictures;" G.
 Gaudio, A.S.C., Hollywood, Calif. (*Demonstration.*) (25
 Min.)

"Recent Developments in Motion Picture Set Lighting Equipment;" E. C. Richardson, Mole-Richardson, Inc., Hollywood, Calif. (15 Min.)

"Light-Weight Stage Pick-Up Equipment;" L. D. Grignon, Paramount Productions, Inc., Hollywood, Calif. (15 Min.)

- 8:00 p. m.
to 11:15 p. m. **Studios of Universal Pictures Corporation, Universal City, Calif. (Special Evening Demonstration) "How Motion Pictures Are Made."**
- 8:00 p. m. **Assemble on Stage 10.**
- 8:10 p. m. Cartoon—*Oswald or Meenie Miney & Mo.*
- 8:20 p. m. Welcome to Universal—Charles R. Rogers, *Vice-President in Charge of Production.*
- 8:23 p. m. "Reading a Story for Production;" Martin Murphy, *Production Manager.* (Story conference, shooting scripts, scheduling players and equipment.)
- 8:35 p. m. "Prescoring for Musical Pictures;" Bernard Brown, *Chief Music and Dubbing Mixer.* (Demonstration.)
- 8:50 p. m. **Adjourn to production stage.**
- 9:05 p. m. "Set Design from Script to Stage;" illustrated by the set used for remainder of this program, John Harkrider, *Set Designer.*
- 9:15 p. m. "Production Handling of Lighting Equipment;" Frank Graves, *Chief Electrical Engineer.* (Demonstration.)
- 9:25 p. m. "Lighting for Long Shots and Close-Ups;" Joe Valentine, *Cinematographer.* (Demonstration.)
"Sound Pick-Up on a Production Basis;" William Hedgcock, *Production Mixer.* (Close-ups, long shots, mike shadows.)
"The Director's Problem;" Edward Buzzell, *Director.* (Demonstration.)
- 10:15 p. m. **Return to Stage 10.**
- 10:30 p. m. Projection of "dailies" made in the demonstration above.
- 10:35 p. m. "Editing Motion Pictures;" Maurice Pivar, *Chief Editor.* (Demonstration.)
- 10:55 p. m. "Setting Music to Motion Pictures;" Charles Previn, *Musical Director.*
- 11:15 p. m. "Assembling a Final Sound-Track;" Edwin Wetzel, *Dubbing Mixer.* (Demonstration.)

TUESDAY, MAY 25th

10:00 a. m.

to 12:30 p. m. *Blossom Room; Color Session.*

"Color Print Processes;" O. O. Ceccarini, Metro-Goldwyn-Mayer Studios, Culver City, Calif. (45 Min.) A comprehensive exhibit of color stills by various studios and leading color photographers throughout the country will be on display in the Hollywood-Roosevelt Hotel in conjunction with Mr. Ceccarini's paper.

"The New Agfacolor Process;" Agfa Ansco Corporation, Binghamton, N. Y. (25 Min.)

Report of the Color Committee; J. A. Ball, *Chairman.* (10 Min.)

"Advanced Technic of Technicolor Lighting;" C. W. Handley, National Carbon Co., Cleveland, Ohio. (20 Min.)

"Some Lighting Problems in Color Cinematography;" T. T. Baker, Dufaycolor, Inc., New York, N. Y. (*Demonstration.*) (20 Min.)

2:00 p. m.

to 5:00 p. m. *Blossom Room; Instruments Session.*

"Twenty Years of Development in High-Frequency Cameras;" H. Joachim, Zeiss-Ikon Aktiengesellschaft, Dresden, Germany. (25 Min.)

"A High-Precision Sound-Film Recording Machine;" H. Pfannenstiehl, Bell Telephone Laboratories, Inc., New York, N. Y. (20 Min.)

"A Dynamic Light-Valve;" E. Gerlach and H. Lichte, Klangfilm G.m.b.H., Berlin, Germany. (25 Min.)

"A Dubbing Rehearsal Channel;" H. G. Tasker, Universal Pictures Corp., Universal City, Calif. (25 Min.)

"An Automatic Sound-Track Editing Machine;" G. M. Best, Warner Brothers Pictures, Inc., Burbank, Calif. (15 Min.)

Symposium on Transmission Meters.

"A Transmission-Measuring System Utilizing a Graphic Recording Meter;" W. W. Lindsay, Jr., General Service Studios, Hollywood, Calif. (10 Min.)

"A New Instrument for Producing Automatically a Graphic Record of Audio-Frequency Characteristics;" A.D. MacLeod, Tobe Deutschmann Corporation, Canton, Mass. (10 Min.)

"A Continuous Level Recorder for Routine Studio and Theater Measurements;" G. M. Sprague and J. K. Hilliard, Metro-Goldwyn-Mayer Studios, Culver City, Calif. (10 Min.)

"A Curve-Plotting Transmission Meter;" L. A. Aicholtz, Universal Pictures Corporation, Universal City, Calif. (10 Min.)

"A Curve-Plotting Transmission Meter;" L. D. Grignon, Paramount Productions, Inc., Hollywood, Calif. (10 min.)

8:00 p. m.

to 10:30 p. m. **Metro-Goldwyn-Mayer Studios**, Culver City, Calif. (*Special Evening Demonstration.*)

Projection and discussion of outstanding films illustrating (1) Sound Quality, (2) Color, (3) Special Effects, (4) Unusual Photography. Arranged by the technicians of the Hollywood studios.

WEDNESDAY, MAY 26th

10:00 a. m.

to 12:30 p. m. *Blossom Room; Acoustics and Sound Session.*

"Recent Progress in Acoustics;" V. O. Knudsen, Professor of Physics and Dean of Graduate Study, University of California, Los Angeles, Calif. (25 Min.)

"Mathematical Relations between Grain, Background Noise, and Characteristic Curve of Sound-Film Emulsions;" W. J. Albersheim, Electrical Research Products, Inc., New York, N. Y. (25 Min.)

"Improved Noise-Reduction System for High-Fidelity Recording;" H. J. Hasbrouck, J. O. Baker, and C. N. Batsel, RCA Manufacturing Co., Inc., Camden, N. J., and Hollywood, Calif. (25 Min.)

"A Device for Direct Reproduction from Variable-Density Sound Negatives;" W. J. Albersheim, Electrical Research Products, Inc., New York, N. Y. (25 Min.)

"Sound Pick-Up Methods for Motion Pictures;" J. P. Maxfield and A. W. Colledge, Electrical Research Products, Inc., New York, N. Y. (25 Min.)

2:00 p. m.

to 5:00 p. m. **Visit to Twentieth Century-Fox Film Corporation**, Beverly Hills, Calif.

7:30 p. m.

Blossom Room; Semi-Annual Banquet.

Short addresses by eminent members of the industry; names to be announced later.

Introduction of stars and prominent guests.

THURSDAY, MAY 27th

10:00 a. m.

to 12:00 p. m. **Open Morning. Studio Visits May Be Arranged through Local Committee.**

1:10 p. m.

to 5:00 p. m.

Blossom Room; Laboratory and Projection Session.

"Changing Aspects of the Film Storage Problem;" Capt. J. G. Bradley, National Archives, Washington, D. C. (20 Min.)

"Report of the Projection Practice Committee;" H. Rubin, *Chairman*. (25 Min.)

"A Wide-Range, Linear-Scale, Photoelectric Cell Densitometer;" W. W. Lindsay, Jr., General Service Studios, Inc., Hollywood, Calif., and W. V. Wolfe, RCA Manufacturing Co., Inc., Hollywood, Calif. (25 Min.)

"Standardization of Photographic Density;" C. Tuttle and A. M. Koerner, Kodak Research Laboratories, Rochester, N. Y. (20 Min.)

"Objective Quantitative Determination of Graininess in Photographic Emulsions;" A. Goetz, Associate Professor of Physics, California Institute of Technology, Pasadena, Calif.

"Sound-Track Blooming;" F. D. Williams, Williams Laboratory, Hollywood, Calif. (20 Min.)

"Toning Positive Film by Machine Method;" J. M. Nickolaus, Metro-Goldwyn-Mayer Corporation, Culver City, Calif. (20 min.)

"Fixing Baths and Their Properties;" J. I. Crabtree, H. Parker, Jr., and H. D. Russell, Kodak Research Laboratories, Rochester, N. Y. (20 Min.)

8:00 p. m.

to 10:30 p. m.

Blossom Room; Meeting of the Research Council and the Technician's Branch of the Academy of Motion Picture Arts and Sciences; William Koenig, *Chairman*, Research Council; Major N. Levinson, Vice-Chairman, Research Council and *Chairman*, Technicians Branch.

Members and guests of the SMPE are cordially invited.

"Coöperative Technical Program of the Research Council of the Academy of Motion Picture Arts and Sciences;" W. Koenig, *Chairman*, Research Council. (20 Min.)

"The Work of the Committee on Standardization of Theater Sound Projection Equipment Characteristics;" J. K. Hilliard, *Chairman*. (25 Min.)

"Standard Density Measuring Device for Release Printing Laboratories;" L. E. Clark, *Chairman*, Committee on Improvement in Release Printing Quality. (25 Min.)

"Screen Illumination in Relation to Picture Quality;" J. O. Aalberg, *Chairman*, Screen Illumination Committee. (25 Min.)

"Camera Noise Analysis Tests and an Account of the Establishment of Standard Methods for Measuring Camera Noise;" V. E. Miller, *Chairman*, Silent Camera Committee. (25 *Min.*)

"Observations on Hollywood Production in Relation to the Production of Army Training Films;" R. T. Schlosberg, *Capt. U. S. Army Signal Corps.*; now on duty as a student with the Academy of Motion Picture Arts and Sciences. (25 *Min.*)

FRIDAY, MAY 28th

10:00 a. m.

to 12:30 p. m. *Blossom Room*; Apparatus Symposium and Manufacturers' Announcements.

"The Super Simplex Pedestal;" J. Frank, Jr., International Projector Corporation, New York, N. Y. (15 *Min.*)

"A Film Mutilator Machine;" O. F. Neu, Neumade Products Corporation, New York, N. Y. (*Demonstration.*) (15 *Min.*)

"Complete Cue-Mark Elimination Plus an Automatic Change-Over;" S. A. McLeod, Los Angeles, Calif. (15 *Min.*)

"Magnetic Recording-Reproducing Machine for Objective Speech Study;" S. J. Begun, New York, N. Y. (*Demonstration.*) (15 *Min.*)

"Infrared Negative as Applied to Special Effects Photography;" G. W. Hough and W. Leahy, Agfa-Ansco Corporation, Hollywood, Calif. (*Demonstration.*) (15 *Min.*)

"Laboratory Equipment for the Smaller Laboratory;" Arthur Reeves, Hollywood, Calif. (15 *Min.*)

"Two New Emulsions for Duplicating Work;" Eastman Kodak Co., Hollywood, Calif.

"Cine Kodak Model E;" L. R. Martin, Eastman Kodak Company, Rochester, N. Y. (15 *Min.*)

2:00 p. m.

to 5:00 p. m. *Blossom Room*; Sound Equipment Symposium.

"Present Aspects in the Development of 16-Mm. Sound;" A. Shapiro, The Ampro Corporation, Chicago, Ill. (20 *Min.*)
Report of the Non-Theatrical Equipment Committee; R. F. Mitchell, *Chairman.* (10 *Min.*)

"The SMPE Test Film for 16-Mm. Sound-Film;" M. C. Bat-
sel, RCA Manufacturing Co., Inc., Camden, N. J.
(*Demonstration.*) (10 *Min.*)

"A Sound Kodoscope;" E. C. Fritts and O. Sandvik, Eastman
Kodak Company, Rochester, N. Y. (*Demonstration.*) (25
Min.)

Report of the Standards Committee; E. K. Carver, *Chairman.*
Report of the Sub-Committee on Film Perforation; J. A. Du-
bray, *Chairman.* (20 *Min.*)

"A Combination Picture and Non-Slip Ultraviolet Automatic Printer;" O. B. Depue, Chicago, Ill. (*Demonstration.*) (20 *Min.*)

"Recent Advances in Recording Galvanometers;" G. L. Dimmick, RCA Manufacturing Co., Inc., Camden, N. J. (20 *Min.*)

"The RCA Recording System and Its Adaptation to Various Types of Sound-Track, with Demonstration of Recent Recordings of the Class A Push-Pull Type;" G. L. Dimmick, RCA Manufacturing Co., Inc., Camden, N. J. (20 *min.*)

"A Linear Decibel Scale Volume Indicator;" F. G. Albin, United Artists Corp., Hollywood, Calif. (15 *Min.*)

8:00 p. m.

to 10:00 p. m. *Blossom Room; Television Session.*

"RCA Developments in Television;" Ralph R. Beal, *Research Supervisor*, Radio Corporation of America, New York, N. Y. (1 *Hour.*)