

PROGRAM*

SPRING, 1937, CONVENTION, HOLLYWOOD, CALIF.
HOLLYWOOD-ROOSEVELT HOTEL

MONDAY, MAY 24th

- 9:00 a. m. **Business and General Session.** G. F. Rackett, *Chairman.*
- 10:00 a. m. **Opening Remarks by President S. K. Wolf.**
Report of the Convention Committee; W. C. Kunzmann, *Convention Vice-President.*
Report of the Membership Committee; E. R. Geib, *Chairman.*
Report of the Papers Committee; G. E. Matthews, *Chairman.*
"Progress in the Motion Picture Industry;" Report of the Progress Committee; J. G. Frayne, *Chairman.*
Report of the Historical Committee; E. Theisen, *Chairman.*
"Soft X-Ray Motion Pictures of Small Biological Specimens;" H. F. Sherwood, Kodak Research Laboratories, Rochester, N. Y. (*Demonstration.*)
"Educational Film Progress and Problems;" S. K. Wolf, Erpi Picture Consultants, Inc., New York, N. Y. (*Demonstration.*)
- 12:30 p. m. **Informal Luncheon.**
- Studio Session.** K. F. Morgan, *Chairman.*
- 2:00 p. m. "The London Film Studios at Denham, England;" L. C. Fermaud-London Film Productions, Ltd., Denham, Middlesex, England.
"The Evolution of Special-Effects Photography from an Engineering Viewpoint;" F. W. Jackman, Hollywood, Calif. (*Demonstration.*)
"Special Engineering Problems in a Motion Picture Studio;" W. Strohm, Twentieth Century-Fox Film Corp., Hollywood, Calif.
"A New Viewpoint on the Lighting of Motion Pictures;" G. Gaudio, A. S. C., Hollywood, Calif. (*Demonstration.*)
"Recent Developments in Motion Picture Set Lighting Equipment;" E. C. Richardson, Mole-Richardson, Inc., Hollywood, Calif.
"Light-Weight Stage Pick-Up Equipment;" L. D. Grignon, Paramount Productions, Inc., Hollywood, Calif.
- 8:30 p. m. An all-Technicolor program of recent feature and short subjects.

TUESDAY, MAY 25th

Color Session. J. A. Ball, *Chairman.*

- 10:00 a. m. "Color Print Processes;" O. O. Ceccarini, Metro-Goldwyn-Mayer Studios, Culver City, Calif. A comprehensive exhibit of color

* As actually followed at the meetings.

stills by various studios and leading color photographers throughout the country was on display during the Convention by the following contributors:

APEDA STUDIOS <i>New York</i>	PAUL A. HESSE STUDIOS <i>New York</i>
O. O. CECCARINI <i>M-G-M Studios, Hollywood</i>	HEWETT & KEENE <i>New York</i>
DEFENDER PHOTO SUPPLY CO. <i>Rochester</i>	WILLIAM G. HOUSKBEPER <i>South Orange, N. J.</i>
JAMES N. DOOLITTLE <i>Los Angeles</i>	CHARLES H. MILLER <i>Chicago</i>
EASTMAN KODAK CO. <i>Rochester</i>	NICHOLAS MURAY <i>New York</i>
GENERAL MOTORS CORP. <i>Photographic Div., Detroit</i>	PAGANO, INC. <i>New York</i>
	STEICHEN <i>New York</i>

- "The New Agfacolor Process;" J. L. Forrest and F. M. Wing, Agfa Ansco Corporation, Binghamton, N. Y.
 Report of the Color Committee; J. A. Ball, *Chairman*.
 "Advanced Technic of Technicolor Lighting;" C. W. Handley, National Carbon Co., Cleveland, Ohio.
 "Some Lighting Problems in Color Cinematography;" T. T. Baker, Dufaycolor, Inc., New York, N. Y. (*Demonstration.*)

Instruments Session. Douglas Shearer, Chairman.

- 2:00 p. m. "Twenty Years of Development in High-Frequency Cameras;" H. E. A. Joachim, Zeiss-Ikon Aktiengesellschaft, Dresden, Germany.
 "A High-Precision Sound-Film Recording Machine;" H. Pfannenstiehl, Bell Telephone Laboratories, Inc., New York, N. Y.
 "A Dynamic Light-Valve;" E. Gerlach, Klangfilm G. m. b. H., Berlin, Germany.
 "A Laboratory Flutter-Measuring Instrument;" R. R. Scoville, Electrical Research Products, Inc., Hollywood, Calif.
 "Power Level Indicator for Sound Recording;" F. L. Hopper, Electrical Research Products, Inc., Hollywood, Calif.

Symposium on Transmission Meters.

- 4:00 p. m. "A Transmission-Measuring System Utilizing a Graphic Recording Meter;" W. W. Lindsay, Jr., General Service Studios, Hollywood, Calif.
 "A New Instrument for Producing Automatically a Graphic Record of Audio-Frequency Characteristics;" A. D. MacLeod, Tobe Deutschmann Corporation, Canton, Mass. (*Demonstration.*)
 "A Continuous Level Recorder for Routine Studio and Theater

Measurements;" G. M. Sprague and J. K. Hilliard, Metro-Goldwyn-Mayer Studios, Culver City, Calif.

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

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

8:00 p. m. Studios of Universal Pictures Corporation, Universal City, Calif.;
Special Evening Demonstration: "How Motion Pictures Are Made." **Homer G. Tasker, Chairman.**

Assemble on Stage 10.

Motion Picture Cartoon.

Welcome to Universal—Val Paul, *Studio Manager.*

"Preparing a Story for Production;" Robert Presnell, *Associate Producer.* (Story conference, shooting scripts, scheduling players, and equipment.)

"Prescoring for Song Sequences;" Bernard Brown, *Chief Music and Dubbing Mixer.* (*Demonstration.*)

"Set Design from Script to Stage," illustrated by the set used for remainder of this program; John Harkrider, *Supervising Art Director.* Presented by Michael Fitzmaurice. (*Demonstration.*)

Adjourn to production stage.

"Production Handling of Lighting Equipment;" Frank Graves, *Superintendent Electrical Department.* (*Demonstration.*)

"Lighting a Long Shot and Close-Up;" Joe Valentine, *Director of Photography.* (*Demonstration.*)

"Sound Pick-Up on a Long Shot and Close-Up;" Joe Lapis, *Production Mixer.* (*Demonstration.*)

"The Director's Problem;" Joseph Pasternak, *Associate Producer.* (*Demonstration.*)

Return to Stage 10.

Projection of "dailies" made in the demonstration above.

"Editing Motion Pictures;" Maurice Pivar, *Supervising Editor.* (*Demonstration.*)

"Setting Music to Motion Pictures;" Charles Previn, *Musical Director.* (*Demonstration.*)

"Assembling a Final Sound-Track;" Edwin Wetzel, *Dubbing Mixer.* (*Demonstration.*)

WEDNESDAY, MAY 26th

Acoustics and Sound Session. William Mueller, Chairman.

10:00 a. m. "Recent Progress in Acoustics;" V. O. Knudsen, Professor of Physics and Dean of Graduate Study, University of California, Los Angeles, Calif.

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

- "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.
- "A Device for Direct Reproduction from Variable-Density Sound Negatives;" W. J. Albersheim, Electrical Research Products, Inc., New York, N. Y.
- "Sound Pick-Up Methods for Motion Pictures;" J. P. Maxfield, A. W. Colledge, and R. T. Friebus, Electrical Research Products, Inc., New York, N. Y.
- "A Dubbing Rehearsal Channel;" H. G. Tasker, Universal Pictures Corp., Universal City, Calif.
- "An Automatic Sound-Track Editing Machine;" G. M. Best, Warner Brothers Pictures, Inc., Burbank, Calif.

2:30 p. m. **Visit to Twentieth Century-Fox Film Corporation, Beverly Hills, Calif.**

7:30 p. m. **Blossom Room; Semi-Annual Banquet.**

THURSDAY, MAY 27th

10:00 a. m. **Open Morning.**

Laboratory and Projection Session. Harry Ensign, Chairman.

- 1:10 p. m. "Changing Aspects of the Film Storage Problem;" Capt. J. G. Bradley, National Archives, Washington, D. C. (*Demonstration.*) Report of the Projection Practice Committee; H. Rubin, *Chairman.* Report of the Exchange Practice Committee; A. W. Schwalberg, *Chairman.*
- "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.
- "Standardization of Photographic Density;" C. M. Tuttle and A. M. Koerner, Kodak Research Laboratories, Rochester, N. Y.
- "Objective Quantitative Determination of Graininess in Photographic Emulsions;" A. Goetz, Associate Professor of Physics, and W. O. Gould, California Institute of Technology, Pasadena, Calif.
- "Sound-Track Blooping;" F. D. Williams, Williams Laboratory, Hollywood, Calif. (*Demonstration.*)
- "Toning Positive Film by Machine Methods;" J. M. Nickolaus, Metro-Goldwyn-Mayer Corporation, Culver City, Calif. (*Demonstration.*)
- "Fixing Baths and Their Properties;" J. I. Crabtree, H. Parker, Jr., and H. D. Russell, Kodak Research Laboratories, Rochester, N. Y.
- "Practical Applications of pH Control in Motion Picture Processing;" D. K. Allison, Chemical and Research Corporation, Hollywood, Calif.

- 8:00 p. m. Metro-Goldwyn-Mayer Studios, Culver City, Calif.**
Meeting of the Research Council and the Technicians' 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*.
 "Observations on Hollywood Production in Relation to the Production of Army Training Films;" Capt. R. T. Schlosberg, U. S. Army Signal Corps; now on duty as a student with the Academy of Motion Picture Arts and Sciences.
 "Coöperative Technical Program of the Research Council of the Academy of Motion Picture Arts and Sciences;" W. Koenig, *Chairman, Research Council*.
 "The Work of the Committee on Standardization of Theater Sound Projection Equipment Characteristics;" J. K. Hilliard, *Chairman. (Demonstration.)*
 Projection and Discussion of Outstanding Films Illustrating Sound Quality, Special Effects, Unusual Photography. Arranged by the technicians of the Hollywood studios.

FRIDAY, MAY 28th

- Apparatus Symposium, Peter Mole, Chairman.**
- 10:00 a. m.** "The Super Simplex Pedestal;" J. Frank Jr., International Projector Corporation, New York, N. Y.
 "Complete Cue-Mark Elimination Plus an Automatic Change-Over;" J. P. Pollanz and S. A. MacLeod, Los Angeles, Calif.
 "Magnetic Recording-Reproducing Machine for Objective Speech Study;" S. J. Begun, New York, N. Y. (*Demonstration.*)
 "Infrared Negative as Applied to Special-Effects Photography;" G. W. Hough and W. Leahy, Agfa Ansco Corporation, Hollywood, Calif. (*Demonstration.*)
 "Laboratory Equipment for the Smaller Laboratory;" Arthur Reeves, Hollywood, Calif.
 "Two New Films for Duplicating Work;" Eastman Kodak Company, Hollywood, Calif. (*Demonstration.*)
 "A New Type Double-Film Attachment;" E. C. Manderfeld, Electrical Research Products, Inc., Hollywood, Calif.
 "A Combined Viewing and Projection Machine with or without Sound;" I. Serrurier, Moviola Co., Hollywood, Calif. (*Demonstration.*)
- Sound Equipment Symposium. E. H. Hanson, Chairman.**
- 2:00 p. m.** "Present Aspects in the Development of 16-Mm. Sound;" A. Shapiro, The Ampro Corporation, Chicago, Ill. (*Demonstration.*)
 Report of the Non-Theatrical Equipment Committee; R. F. Mitchell, *Chairman*.
 "The SMPE 16-Mm. Sound Test-Film;" M. C. Batsel. (*Demonstration.*)

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

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

Report of the Sub-Committee on Film Perforation; J. A. Dubray, *Chairman.*

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

"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.

"A Linear Decibel Scale Volume Indicator;" F. G. Albin, United Artists Studio Corporation, Hollywood, Calif.

8:00 p. m. Television Session. S. K. Wolf, Chairman.

"RCA Developments in Television;" Ralph R. Beal, Research Supervisor, Radio Corporation of America, New York, N. Y. (*Illustrated with slides and motion pictures.*)