

It was decided before the Conference to withhold distribution of the usual tentative program in order not to promote out-of-town attendance, in cooperation with governmental regulations on transportation and hotel accommodations. It is felt, however, that many members of the Society would be interested in having a list of the papers presented. The Board of Editors therefore is publishing in this issue of the JOURNAL the complete program as followed.

In order to make the information contained in these papers available to members as soon as possible, the Board of Editors is planning to publish this material as early as manuscripts on hand permit.

Program

Monday, May 14, 1945

12:30 p.m. *California Room: SMPE V-E Luncheon*, for members and guests. D. E. HYNDMAN, President of the Society, presided.
Address of Welcome: WALTER WANGER, President, Academy of Motion Picture Arts and Sciences.
Guest Soloist: OLGA SAN JUAN, Paramount Singer and Dancer.

2:00 p.m. *Studio Lounge: Afternoon Session.*

L. L. Ryder, *Chairman*

J. G. Frayne, *Vice-Chairman*

Session opened with a 35-mm motion picture short.

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

"Engineering Committee Reports on Laboratory Practice, Non-Theatrical Equipment, Preservation of Film, Television, Standards, Theater Engineering," by J. A. Maurer, Engineering Vice-President, SMPE.

"Wave Propagation and Outdoor Field Tests of a Loudspeaker System," by F. L. Hopper and R. C. Moody, Western Electric Co., Inc., Hollywood, Calif.

"Film Noise Spotter," by J. P. Corcoran, Twentieth Century-Fox Film Corp., Beverly Hills, Calif.

"Reverberation Chambers for Rerecording," by M. Rettinger, RCA Victor Division, Radio Corporation of America, and James Stewart, RKO Radio Pictures, Hollywood, Calif.

"The Comparison of Beam Power and Triode Tubes Used in Power Amplifiers for Driving Loudspeakers," by J. K. Hilliard, Altec Lansing Corp., Hollywood, Calif.

"A New Carbon for Increased Light in Studio and Theater Projection," by M. T. Jones, R. J. Zavesky, W. W. Lozier, National Carbon Company, Fostoria, Ohio.

"Airborne Sound Recorders," by G. C. Brubaker, Memovox, Inc., Beverly Hills, Calif.

A demonstration was given.

8:00 p.m. Studio Lounge: Evening Session.**K. F. Morgan, Chairman****C. R. Keith, Vice-Chairman**

Session opened with a 35-mm motion picture short.

"Progress Report on War Standards for Photography and Motion Pictures," by J. W. McNair, American Standards Association, New York.

"Push-Pull FM Circuit and Its Application to Vibratory Systems," by Alexis Badmaieff, RCA Victor Division, Radio Corporation of America, Hollywood, Calif.

"Cinemicrography in Biological Research," by R. McV. Weston, Secretary, Association for Scientific Photography, Houndwood, England.

"An Integrating Voltmeter for Measurement of Fluctuating Voltages," by Harold Haynes, RCA Victor Division, Radio Corporation of America, Indianapolis, Ind.

A demonstration film was presented.

"A New Two-Way Theater Loudspeaker System," by J. B. Lansing and J. K. Hilliard, Altec Lansing Corp., Hollywood, Calif.

"A Public Address and Sound Re-Enforcement System Using the Duplex Loudspeaker," by J. B. Lansing, Altec Lansing Corp., Hollywood, Calif.

Tuesday, May 15, 1945**Open Morning.****2:00 p.m. Studio Lounge: Afternoon Session.****W. V. Wolfe, Chairman****N. L. Simmons, Vice-Chairman**

Session opened with a 35-mm motion picture short.

"A Multisection Rerecording Equalizer," by W. L. Thayer, Sound Dept., Paramount Pictures, Inc., Hollywood, Calif.

"A Three-Band Variable Equalizer," by L. D. Grignon, Twentieth Century-Fox Film Corp., Beverly Hills, Calif.

"Mathematical Analysis of a Recorder Film Drive Filter System," by J. R. Alburger, Electrical Research Products Division, Western Electric Co., Inc., Hollywood, Calif.

"Improved Film Recording Channels," by Dr. C. R. Daily, Sound Dept., Paramount Pictures, Inc., Hollywood, Calif.

"Organizing 16-Mm Production," by Lloyd Thompson, The Calvin Company, Kansas City, Mo.

"Variable-Area Release from Variable-Density Original Sound Track," by J. P. Livadary and S. J. Twining, Columbia Pictures Corp., Hollywood, Calif.

"Automatic Recording of Photographic Densities," by J. G. Frayne and G. R. Crane, Electrical Research Products Division, Western Electric Co., Inc., Hollywood, Calif.

8:00 p.m. Studio Lounge: Evening Session.**Herbert Griffin, Chairman****G. E. Sawyer, Vice-Chairman**

Session opened with a 35-mm motion picture short.

"The Projection Life of Film," by R. H. Talbot, Eastman Kodak Co., Kodak Park, Rochester, N. Y.

"Report of the Subcommittee on Projection Sprocket Design," by J. A. Maurer, Engineering Vice-President, SMPE.

"Television vs. Motion Picture Practices," by Klaus Landsberg, Director of Television, Station W6XYZ, Television Productions, Inc., Hollywood, Calif.

"Film—The Backbone of Television Programming," by R. B. Austrian, Executive Vice-President, RKO Television Corp., New York.

Wednesday, May 16, 1945**Open Morning.****2:00 p.m. Studio Lounge: Afternoon Session.****H. W. Moyse, Chairman****S. P. Solow, Vice-Chairman**

Session opened with a 35-mm motion picture short.

"Positive Vari-Focal View-Finder for Motion Picture Cameras," Dr. F. G. Back, Research and Development Laboratory, New York.

The following 5 papers were presented by members of the U. S. Army Signal Corps Photographic Center, Long Island City, N. Y.:

"The Psychological and Technical Considerations Employed in the Bucky Sound Reproduction and Public Address System," by Lieut. P. A. Bucky.

"An Optical Cueing Device for Disk Playback," by Major G. C. Misener.

"Army Film Distribution and Exhibition," by Major R. A. Kissack, Jr.

A demonstration film was presented.

"A System of Lens Stop Calibration by Transmission," by Emmanuel Berlant.

A demonstration was presented.

"Development of Two Automatic Follow-Focusing Devices for Use in Cinematography," by Capt. J. T. Strohm and Capt. W. G. Heckler.

A demonstration film was presented.

5:30 p.m. California Room: A social hour with the Board of Governors. Invitations were issued to registered members and guests.**Open Evening.**

*Thursday, May 17, 1945***Open Morning.****2:00 p.m. Studio Lounge: Afternoon Session.**Emery Huse, *Chairman*Lt. Comdr. Franklin Hansen, *Vice-Chairman*

Session opened with a 35-mm motion picture short.

"A New Photographic Developer for Picture Negative," by J. R. Alburger, Hollywood, Calif.

"A Note on Chemical Drag Observed with Variable-Density Sound Track," by Dr. D. Meschter, Photo Products Dept., E. I. duPont de Nemours & Co., Inc., Parlin, N. J.

"duPont Fine-Grain Sound Films, Type 232 and 236," by H. W. Moysc, Photo Products Dept., E. I. duPont de Nemours & Co., Hollywood, Calif.

"The Work of the Naval Photographic Services Depot," by Lt. Comdr. F. M. Hearon, Officer-in-Charge, Naval Photographic Services Depot, Hollywood, Calif.

"Colored Trace Oscillographs," by L. S. Trimble and F. W. Bowden, Lockheed Aircraft Corp., Burbank, Calif.

8:00 p.m. Studio Lounge: Evening Session.E. A. Williford, *Chairman*L. E. Clark, *Vice-Chairman*

Session opened with a 35-mm motion picture short.

"Practical Utilization of Monopack Film," by C. G. Clarke, Director of Photography, Twentieth Century-Fox Film Corp., Beverly Hills, Calif.

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

"Machine Processing of Ansco Color Film," by J. L. Forrest, Ansco, Binghamton, N. Y.

A demonstration film was presented.

*Friday, May 18, 1945***Open Morning.****2:00 p.m. Studio Lounge: Afternoon Session.**W. A. Mueller, *Chairman*P. E. Brigandi, *Vice-Chairman*

Session opened with a 35-mm motion picture short.

"Orthoscope Lenses," by Hal Huff, H & H Optics, Los Angeles, Calif.

"An Automatic Interlock Switch," by D. J. Bloomberg, Republic Pictures Corp., Studio City, Calif.

"A Discussion of the Acoustical Properties of Fiberglas," by W. M. Rees and R. B. Taylor, Owens-Corning Fiberglas Corp., Toledo, Ohio.

HOLLYWOOD TECHNICAL CONFERENCE

"Flame Retardant Materials for Motion Picture Applications," by Barton Thompson, Engineering Dept., Paramount Pictures, Inc., Hollywood, Calif.

"The Filing and Cataloguing of Motion Picture Film," by C. M. Effinger, Twentieth Century-Fox Film Corp., Beverly Hills, Calif.

"A Small Microphone Boom," by B. F. Ryan and E. H. Smith, Warner Bros. Pictures, Burbank, Calif.

"A Survey of Photo-Template Methods," by Faurest Davis, Ansco, Los Angeles, Calif.

"Power Rectifiers for Studio Lighting," by L. A. Umansky, Industrial Engineering Division, General Electric Co., Schenectady, N. Y.

8:00 p.m. *Wall Disney Theater, Disney Studio, Burbank:* Evening Session.

A. M. Gundelfinger, *Chairman*

Session opened with a 35-mm motion picture short.

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

This was an hour and forty-five minute semi-popular demonstration lecture on color photography.

Adjournment of 57th Semi-Annual Technical Conference, by D. E. Hyndman, President of the Society.

EMPLOYMENT SERVICE

POSITIONS OPEN

Position open for man or woman with experience in optical instrument design. Position also open for man or woman with experience in lens design or computing. Write for interview. Binswanger and Company, Optics Division, 645 Union Ave., Memphis, Tenn.

Physicist with special training in optics for research on utilization of carbon arcs particularly in projection systems. Apply to Research Laboratory, National Carbon Co., Inc., P. O. Box 6087, Cleveland 1, Ohio.

Designer and engineer experienced in optics, lighting, and microphotography, capable of designing microfilm reading equipment and products related to microfilm industry. Reply to Microstat Corporation, 18 West 48th St., New York 19, N.Y.

Design engineer, experienced in mechanics and optics of motion picture cameras, projectors, and film scanning. Give details. Reply to Mr. John H. Martin, Columbia Broadcasting System, Inc., 485 Madison Ave., New York 22, N.Y.

POSITION WANTED

Sound recording engineer, 16- or 35-mm equipment, studio or location work, single or double system. Free to travel. For details write J. J. K., 354 Ninth Ave., New York 1, N.Y.