

Projection, 35mm and 16mm — Bundy Smith, G. J. Hessick, John Denney  
Motion Pictures — Raymond Grant  
Membership — John G. Frayne  
Publicity — Harold Desfor, Martin Waldman

Ladies Program — Mrs. Philip G. Caldwell, Mrs. John G. Frayne  
Luncheon — Carleton G. Hunt  
Banquet — Sidney Solow

### The Ladies' Program

The large group of ladies attending the Convention had a full program of sight-seeing and entertainment ably organized by the committee headed by Mrs. John G. Frayne and Mrs. Philip G. Caldwell. The richness and success of the program were greatly enhanced by the kindness of the Altec-Lansing, Bell & Howell and Mole-Richardson companies, all of whom made generous financial contributions.—*D.C.*

## Board Meeting

The Board of Governors' fourth meeting for the year 1954 was held at the Ambassador Hotel, Los Angeles, on October 16, on the eve of the Fall Convention. The budget, which had been of concern throughout the year, was reported on by Financial Vice-President Barton Kreuzer who said that expenses had been kept in line, and that economies necessitated by the 1954 mid-year budget reductions had

been almost entirely achieved. A new budget for 1955, proposed by the headquarters staff, and recommended by the Executive Committee, was adopted and represents a conservative plan for next year.

**Test Films.** Growing importance of wide-screen pictures presents a challenge to the Society's test film program.

**Membership.** A number of new members had criticized the several weeks' time that admission to membership normally requires, being concerned no doubt about the delay in receiving the *Journal*. It was therefore decided that the *Journal* be sent on receipt of the application (and payment) and that only applicants' membership cards be held until the Admissions Committee has approved the applications.

**Publication.** The scale of operations for 1955 promises a reduced deficit and a bigger and better *Journal*, due to tight expense control and added income from advertising.

**Conventions.** It appeared certain that Convention operations for 1954 would be at or above budget. Since the Society has no formal policy on whether or not to hold educational or engineering exhibits at its national meetings, that decision is made for each time. Facilities at the Drake Hotel in Chicago are to be surveyed to determine whether an exhibit could be arranged for the spring 1955 Convention.

**Editorial.** Editorial Vice-President Norwood L. Simmons reported that Arthur C. Downes, for many years Chairman of the Board of Editors of the Society, was

ill and that his work is temporarily being carried out by the Editor, with special help by members of the Board of Editors. In view of Mr. Downes' exceptional services to the Society through continued and effective control of the selection of editorial material for publication in the *Journal* it was resolved that he be presented with a special Commendation Award. This was later presented, in absentia, by President Barnett at the Get-Together Luncheon that opened the 76th Convention.

**Engineering.** Engineering Vice-President Axel G. Jensen presented a report showing that engineering activities of the Society were continuing at a high and efficient rate, as indicated in part by the number of standards regularly submitted to the ASA for approval.

**Election and Awards.** Secretary Edward S. Seelye announced the results of the balloting for the Society's Officers and Governors and for the annual Awards, including the Special CinemaScope Award. Details may be found in the November *Journal*, p. 198, and in the 76th Convention Report in the current *Journal*.

Since Barton Kreuzer had been elected to the office of Executive Vice-President midway through a two-year term as Financial Vice-President a one-year vacancy for the latter office was created which, under By-law III, Sec. 5, "... shall be filled by the Board of Governors until the Annual Election of the Society." Subsequent to the Board Meeting President-Elect John G. Frayne secured agreement from John W. Servies to accept appointment to fill the vacancy for the calendar year 1955. This action was endorsed by the Board.

Reports from the Sections were presented and adopted, and a proposal to establish a new subsection in Rochester, N.Y., was approved.

The next meeting of the Board will be on January 28, 1955, in New York.—*B.N.*

## Papers Presented at the Los Angeles Convention, October 18-22

### MONDAY AFTERNOON—Color-Television

S. W. Athey, General Precision Laboratory Inc., Pleasantville, N.Y., "Colorimetric Aspects of Television Color Film Pickup."

George R. Sutherland, U.S. Naval Ordnance Test Station, China Lake, Calif., "Multi-Channel Television Relay Station."

John W. Million, Jr., and Robert K. Hunsicker, Wickes Engineering and Construction Co., Camden, N.J., "Test Instruments for Color Television Broadcasting."

### MONDAY EVENING—CBS Television City

G. Jones, Conrac Inc., Glendale, Calif., "Color Television Monitor."

G. R. Tingley, D. J. Pounds and J. H. Haines, Allen B. Du Mont Laboratories, Research Div., Passaic, N.J., "Operational Techniques for Color-Film Scanners."

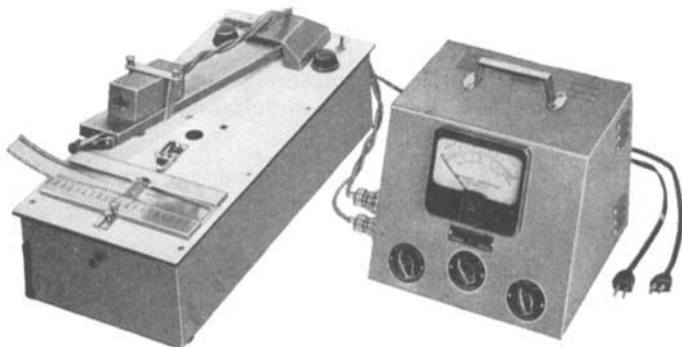
Richard S. O'Brien, CBS Television, New York, "Color Television Facilities in CBS TV City."

### TUESDAY MORNING—Educational and Military Television

James J. Rue, Telecommunications Dept., University of Southern California, Los Angeles, "The Present and Future of Educational Television."

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Lt. Col. Edward L. Scheiber and Capt. Hugh C. Oppenheimer, U.S. Army Signal Corps, Washington, D.C., "Tactical Television."  
 Reid R. Davis, National Broadcasting Co., New York, "Color Television in Military Combat."

**TUESDAY AFTERNOON—Television**

Albert Abramson, CBS Television, Hollywood, Calif., "A Short History of Television Recording."  
 E. Hutto, Jr., Engineering Products Div., Radio Corp. of America, Camden, N.J., "Equipment for Evaluating Lenses of Television Systems."  
 O. Wittel and D. Haeferle, Eastman Kodak Co., Rochester, N.Y., "Continuous Projector Problems."  
 Edwin C. Fritts, Camera Works, Eastman Kodak Co., Rochester, N.Y., "A 16mm Projector for Operation with a Television Film Chain on a Partial Storage Basis."  
 Lawrence C. Brunswick, Colorvision, Inc., Los Angeles, "New Separation Process for Color Motion-Picture Photography on Black-and-White Film for Color Television."  
 T. Gentry Veal, Chairman, "Television Committee Report."

**TUESDAY EVENING—Color Television**

A. C. Luther, Radio Corp. of America, Camden, N.J., "Color-Film Equipment."  
 L. L. Evans, Radio Corp. of America, Camden, N.J., "Color-Television Projection Equipment."  
 E. Dudley Goodale, National Broadcasting Co., New York, "Recording Color-Television Signals."  
 William B. Lodge and Howard A. Chinn, CBS Television, New York, "Color-Television Film Shooting Practices."  
 Sidney P. Solow and Edward H. Reichard, Consolidated Film Industries, Hollywood, "Some Laboratory Procedures in Preparing Television Prints in Black-and-White and Color From Eastman Color Negative."

**WEDNESDAY MORNING—Magnetic Sound for Television Films**

Edward Schmidt, Reeves Soundcraft, N.Y., "The 16mm Magnastriper."  
 Ralph E. Lovell, National Broadcasting Co., Hollywood, "A Suggested Procedure for Magnetic Stripping of 35mm TV Films."  
 Ralph E. Lovell, NBC; Harlan L. Baumbach, General Film Labs.; Ellis W. D'Arcy, Consulting Engineer; Lorin D. Grignon, 20th Century-Fox Films; Ross H. Snyder, Ampex Corp.; "Panel Discussion of the Factors Pertinent to Obtaining Magnetic-Stripe Soundtracks on Television Films, both 16mm and 35mm."

**WEDNESDAY AFTERNOON—Magnetic Recording**

Jerome W. Stafford, Sound Dept., Metro-Goldwyn-Mayer Pictures, Culver City, Calif., "An Electronic Comparator for the Automatic Inspection of Magnetic Sound Prints."  
 M. Rettinger, Radio Corp. of America, Hollywood, "Magnetic Head Wear Investigation."  
 Ellis W. D'Arcy, Committee Chairman, "Report of Magnetic Recording Subcommittee."  
 Robert Schwartz, Sheldon I. Wilpon and Frank A. Comerci, Material Lab., Bureau of Ships, New York Naval Shipyard, Brooklyn, "Development of a Method for Measuring the Magnetic Strength Existing on 16mm Magnetic Soundtrack."  
 C. C. Davis, Westrex Corp., Hollywood, "A Moving Coil Feedback Disk Recorder."  
 Frank A. Comerci, Material Laboratory, Bureau of Ships, New York Naval Shipyard, Brooklyn, "Perceptibility of Flutter in Speech and Music."

**THURSDAY MORNING—Motion-Picture Equipment**

Frank G. Back, Zoomar, Inc., Glen Cove, L. I., N. Y. "A New Studio Zoomar for 35mm Motion-Picture Work."

Walter Wallin, Panavision Inc., Los Angeles, "Acceptable Definition in Anamorphosed Images."

John D. Hayes, Bausch & Lomb Optical Co., Rochester, N.Y., "CinemaScope Camera Lenses."

V. C. Chambers and W. R. Holm, E. I. du Pont de Nemours & Co., Inc., Parlin, N.J., "A Method for Splicing Motion-Picture Film."

**THURSDAY AFTERNOON—(Concurrent Sessions)**

**—High-Speed Photography**

Carlos Elmer, Chairman, Panel discussion of the program presented at the 2nd International Symposium on High-Speed Photography held in Paris.

**—Film Projection**

R. Clark Jones, Polaroid Corp., Cambridge, Mass., "A New Method of Describing and Measuring the Granularity of Photographic Materials."

R. M. Altman, A. E. Neuner and H. H. Schroeder, Bausch & Lomb Optical Co., Rochester, N.Y., "Consideration of Improvements in Condensing Systems for 35mm Projection."

Ralph H. Heacock, Radio Corp. of America, Camden, N. J., "CinemaScope in Drive-in Theaters."

Petro Vlahos, Motion Picture Research Council, Hollywood, "An Improved High-Brightness Screen for Drive-in Theaters."

J. E. Volkman, Radio Corp. of America, Camden, N.J., "Stereo Panoramic Sound."

**THURSDAY EVENING—Wide-Screen Processes and Stereophonic Sound**

W. Borberg, General Precision Laboratory Inc., Pleasantville, N.Y., "Brief Description and Demonstration - Air Blast on a Projector Aperture."

Loren L. Ryder, Paramount Pictures Corp., Hollywood, "VistaVision Exhibition."

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 John G. Frayne, Westrex Corp., Hollywood, "A Compatible Photographic Stereophonic Sound System."

**FRIDAY MORNING—(Concurrent Sessions)**

**High-Speed Photography**

Webster Blake, Douglas Aircraft Co., Santa Monica, Calif., "Simple Electronic Timing Device for High-Speed Photography."  
 G. A. Economou, Sandia Corp., Albuquerque, N.M., "A Tracking Twin Telescope Mount."  
 Fred A. Metlen, Seattle, Wash., "High-Speed Motion Pictures and Sequence Photographs of the Same Event."

**General Motion-Picture**

**Photography,**

Glenn E. Matthews and Raife G. Tarkington, Eastman Kodak Co., Rochester, N.Y., "Early History of Amateur Motion-Picture Film."  
 C. R. Fordyce, J. M. Calhoun and E. E. Moyer, Manufacturing Experiments Div., Eastman Kodak Co., Rochester, N.Y., "A Light Meter for Printer Control."  
 Frank P. Herrnfeld, Frank Herrnfeld Engineering Corp., Culver City, Calif., "A System for Automatic Additive Printing and Scene Testing of Color Film."

**FRIDAY AFTERNOON—(Concurrent Sessions)**

**High-Speed Photography**

Roderick M. McClung, U.S. N.O.T.S., China Lake, Calif., "Recording and Assessment of Telemetered Data."  
 R. Kuhagen and D. Stern, Gordon Enterprises, North Hollywood, Calif., "Modifications of Military Photographic Equipment."  
 R. C. Wheeler, Northrop Aircraft, Hawthorne,

Calif., "Photographic Techniques as Applied to Optical Inspection of Transparent Solids."

**Color Film Sensitometry**

O. E. Miller, Color Technology Div., Eastman Kodak Co., Rochester, N. Y., "Sensitometers for Color Films."  
 W. L. Brewer and S. A. Powers, Color Technology Div., Eastman Kodak Co., Rochester, N.Y., "Color Densitometers: Performance Characteristics."  
 M. C. Goddard and S. A. Powers, Color Technology Div., Eastman Kodak Co., Rochester, N.Y., "Color Densitometers: Control Methods."  
 John G. Frayne and J. H. Jacobs, Westrex Corp., Hollywood, "Densitometers for Control of Color Motion-Picture Film Processing."

**FRIDAY EVENING—Color**

Ralph M. Evans, Color Technology Div., Eastman Kodak Co., Rochester, N.Y. "Color and Brightness in Projected Color Pictures."

The expanding use of 16mm films for educational purposes is shown in some interesting statistics released at the National Audio-Visual Association's convention in August. Children today, they say, see six times as many films in school as did youngsters in 1940. In colleges, use of educational films and audio-visual presentations has increased ten times in the same 14-year period. Chicago, where the school system owns more than 1100 sound film projectors, reports an increase of 50% in the use of these materials in the past five years.

Indicative of the growth of the educational film production industry is the estimate from the Los Angeles city schools that more than 2300 films are submitted for previewing each year.

NAVA says that this growing use of modern audio-visual teaching tools costs the taxpayer very little. In Connecticut, the cost per student in an average-size school is reported to be \$0.73 per semester. Indiana estimates the per pupil cost there at \$1.10.

## Employment Service

These notices are published for the service of the membership and the field. They are inserted for three months, at no charge to the member. The Society's address cannot be used for replies.

### Positions Wanted

**Electronic Engineer.** 20 yrs experience in all phases of audio; responsible for prominent part in development of the Perspecta stereophonic system; comprehensive experience in technical education, classroom, laboratory and the preparation of textbooks and technical literature; advanced training in economics and industrial administration; many responsible posts held. British born, came to U.S. July 1953. Active member I.E.E., I.R.E., A.E.S., SMPTE. Seeks progressive position in West. Write: Norman H. Crowhurst, 150-46 18th Ave., Whitestone 57, N.Y.

**Motion Picture Production.** Desire position as cameraman. Seven years experience includes, as well as camera, some lab and editorial work. Full details given on request. Available after 15 April. Age 24 and single. Will locate anywhere. Write: Norman E. C. Nail, College Ave., New Windsor, Md.

**16mm Motion-Picture Production.** Would like position with aggressive, responsible firm with opportunities for advancement. Have been operating own film company majoring in TV film commercials but am now liquidating as present market holds little future. Has been mainly one-man operation: selling, writing, producing, billing and collecting. Have had successful business but area offers no future for advancement. Will send audition film. Will make permanent move only. Age 28. Write: M. R. Young, T-V Commercial Films, 1215 No. Copia St., El Paso, Texas.

### Positions Available

Timers, color and/or black-and-white film required by motion-picture laboratory. Supervisory experience or ability desired. Send resume and small photograph to Du Art Film Labs, Inc., 245 West 55 St., New York 19.

**Photographic Equipment Technologist, \$5940 per year.** Applicants must have bachelor's degree in technology, engineering or one of the physical sciences, plus 3 yr professional experience of a scientific or technical nature, including 2 yr of difficult and important work in the technology of photography; or 4 yr experience, demonstrating a mastery of the fundamental physical and mathematical sciences underlying professional technological work and a theoretical and practical understanding of the application of those sciences to photography which is comparable to that acquired by completion of a standard technological or scientific curriculum in an accredited college, may be substituted for the required bachelor's degree. Write: David A. Lana, Head, Industrial Relations Dept., Office of Naval Research, Special Devices Center, Port Washington, N.Y.

**Membership Certificates.** Attractive hand-engrossed certificates, suitable for framing for display in offices or homes, may be obtained by writing to Society headquarters, at 55 West 42d St., New York 36.

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