

JOURNAL SMPTE

Papers in This Issue

Design Considerations of CinemaScope Film	1
<i>By E. I. Sponable, H. E. Bragg and L. D. Grignon</i>	
Observer Adaptation Requirements in Color Photography and Color Television	5
<i>By Ralph M. Evans and W. Lyle Brewer</i>	
Proposal of a Performance Rating for Projection Screens	9
<i>By Gerhard Schwesinger</i>	
Duration and Peak Candlepower of Some Electronic Flashlamps	15
<i>By Harold E. Edgerton, Robert Bonazoli and John T. Lamb</i>	
Production Studio Multiple-Stage Design	19
<i>By Daniel J. Bloomberg, John E. Pond and Michael Rettinger</i>	
Color-Compensating Light Changer	22
<i>By James W. Kaylor and A. V. Pesek</i>	
Electronic Light-Change Device	24
<i>By Harry P. Brueggemann</i>	
Synchronized Recordings on Perforated Tape	26
<i>By Warren R. Isom</i>	

For reports, reviews and news, and list of advertisements, see the inside back cover

VOLUME 63 76th Semiannual Convention • October 18-22 • Los Angeles

NUMBER 1

JULY 1954

Contents — pages 29-40

News Columns

76th Convention	29
Engineering Activities	29
Section and Subsection Meetings	29
Obituary: Dr. Loyd A. Jones	30
Papers Presented at the Washington Convention, May 3-7	32
New Products	36
Still Photography Standards	37
Employment Service	38

Advertisements

Acme Camera Corp.	33
Bell & Howell Co.	39
Byron, Inc.	40
Philip A. Hunt Co.	36
Peerless Film Processing Corp.	38
Professional Services	34
Radio Corporation of America, International Div.	35
Westrex Corp.	31

NEXT MONTH'S JOURNAL will lead off with these papers:

- "CBS Color-Television Staging and Lighting Practices," by Richard S. O'Brien
"Color-Television Light Sources," by Herman M. Gurin

Single copies of the August Journal, or copies in lots, will be sold at a cost considerably reduced from the usual single-copy price to anyone whose order is received by August 5. Such orders will be added to the regular print order of the Journal, and the end-of-the-run economy will be computed to pass on the saving for these special pre-publication orders.

Meetings

National Audio-Visual Convention and Trade Show, Aug. 1-4, Conrad Hilton Hotel, Chicago.
University Film Producers Association, Annual Meeting, Aug. 16-20, Ohio State University, Columbus, Ohio.
Biological Photographic Association, Annual Meeting, Aug. 25-27, Chalfonte-Haddon Hall, Atlantic City.
Illuminating Engineering Society, National Technical Conference, Sept. 13-17, Chalfonte-Haddon Hall, Atlantic City, N. J.
2d International Symposium on High-Speed Photography, Paris, September 22-28, 1954. Arranged by the Association Française des Ingénieurs et Techniciens du Cinéma. Applications or inquiries should be addressed to the Secretary of the Organizing Committee, P. Naslin, Laboratoire Central de l'Armement, Fort de Montrouge, Arceuil (Seine), France.
National Electronics Conference, Tenth Annual Conference, Oct. 4-6, Hotel Sherman, Chicago.
Photographic Society of America, Annual Meeting, Oct. 5-9, Drake Hotel, Chicago, Ill.

American Institute of Electrical Engineers, Fall General Meeting Oct. 11-15, Chicago, Ill.
76th Semiannual Convention of the SMPTE, Oct. 18-22, Ambassador Hotel, Los Angeles
77th Semiannual Convention of the SMPTE, Apr. 17-22, 1955, Drake Hotel, Chicago
The International Commission on Illumination is to hold its next international conference in Zurich, Switzerland, June 13-22, 1955. Offers of papers should be addressed to the Chairman of the Papers Committee (A. A. Brainerd), 1015 Chestnut St., Philadelphia 7. Manuscripts must be in the hands of the Central Bureau between Oct. 1 and Dec. 31, 1954.
78th Semiannual Convention of the SMPTE, Oct. 3-7, 1955 (next year), Lake Placid Club, Essex County, N.Y.
Photographic Society of America, 1955 Convention, Oct. 5-8, 1955, Sheraton-Plaza Hotel, Boston, Mass.
National Electrical Mfrs. Assn., Nov. 8-11; Haddon Hall Hotel, Atlantic City, N. J.

SMPTE Officers and Committees: The rosters of the Officers of the Society, its Sections, Subsections and Chapters, and of the Committee Chairmen and Members were published in the April Journal.