

Biographical Notes



Cyril J. Staud, Eastman Kodak vice-president in charge of research, retired January 1 after nearly 40 years of service with the company. During his years of service Dr. Staud has been identified with many of the company's major advances in black-and-white and color films. He joined Kodak in 1924, which was only 12 years after the late C. E. Kenneth Mees established the company's first formalized research program. He began his career as an organic chemist at the company's research laboratories in Rochester, N.Y., and later became a research supervisor on cellulose and cellulose derivatives for safety base film. In 1931 he became head of the newly organized emulsion research division and from 1943 until 1947 he was acting director of Kodak Research Laboratories. He was appointed director in 1947 and in 1955 he was elected vice-president in charge of research.

Dr. Staud has published numerous scientific and technical papers on such subjects as cellulose and its derivatives, photographic emulsions, industrial research, color photography and document reproduction. He holds more than 100 U.S. and foreign patents. Succeeding him as director of Kodak Research Laboratories is John A. Leermakers, whose appointment was announced by Kodak President William S. Vaughn.

Dr. Staud is a Fellow of the Society. In 1961 he was awarded the Progress Medal in recognition of "research and development which has resulted in significant advances in the development of motion-picture and television technology."

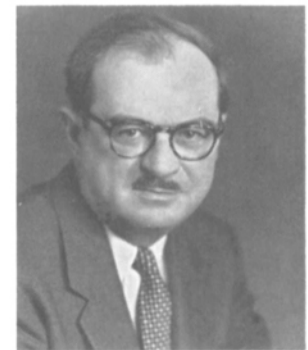


Charles W. Handley retired last year after 42 years of service with National Carbon Company, division of Union Carbide Corp. A recognized authority on carbon arc light sources, Mr. Handley is a Life Fellow of the Society. A man of diversified talents and interests, he is the author of a number of

technical papers and also is the author of some thirty or forty "Westerns" which have appeared in various publications specializing in this type of fiction.

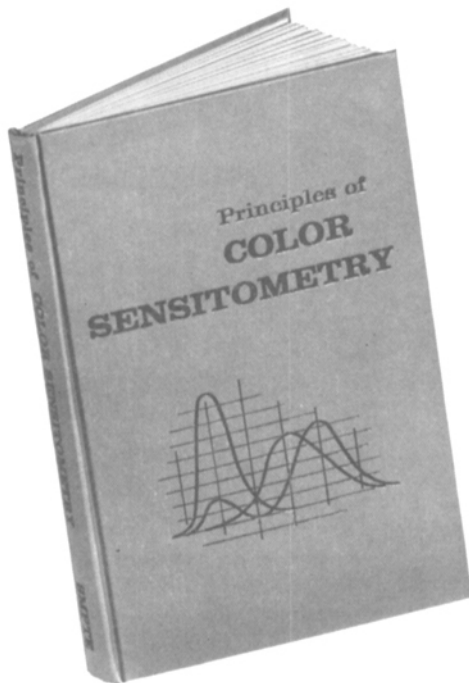
Technical papers appearing in the *Journal* include "History of Motion-Picture Studio Lighting," in the October, 1954, issue; "Advanced Color Lighting," in the August, 1937, issue; and (with co-authors R. G. Linderman and A. Rodgers), "Illumination in Motion-Picture Production" in the June, 1943, issue.

As Chairman of the Committee on Studio Lighting, his reports appear in the August, 1946, and October, 1948, issues of the *Journal*. He was Chairman of the Progress Committee from 1950 through 1952. During 1944 he served as Chairman of the Pacific Coast Section. He has been a source of help for the *Journal* as a member of the Board of Editors for the past 20 years. He resides at 1270 Alta Vista Dr., Vista, Calif.



W. W. Wetzel, Vice-President and General Manager of 3M Company's Magnetic

Announcing a new edition of



Principles of COLOR SENSITOMETRY

Revised by an SMPTE committee headed by Dr. Francis H. Gerhardt

This essential book devotes chapters to:

- Sensitometric exposures
- Processing of sensitometric tests
- Quantitative evaluation of image density
- Densitometer design principles
- Transformations between integral and analytical densities
- Applications of color sensitometry and interpretation of sensitometric results
- Statistical aspects of color sensitometry

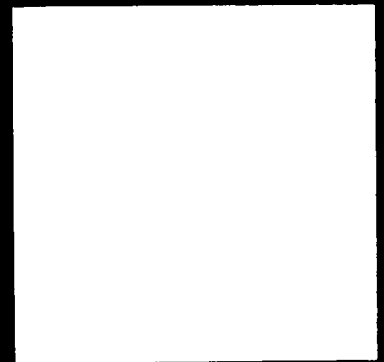
\$4⁰⁰

Discounts of 20% to SMPTE Members on single copies. Less 25% to all purchasers on orders of 5 through 49; 33 1/3% on orders of 50 or more. In New York City, please add 4% sales tax.

Address your order to **SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS**

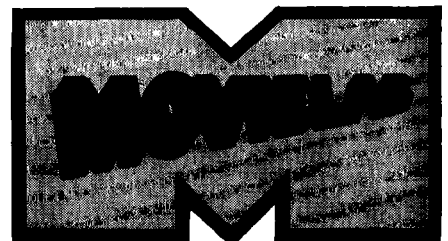
9 East 41st Street, New York 17, N. Y.

IN THE EAST...IT'S MOVIELAB



FOR COLOR AND BLACK & WHITE

DEVELOPING COLOR NEGATIVES • ADDITIVE COLOR PRINTING • REDUCTION
PRINTING INCLUDING A & B • COLOR SLIDE FILM PROCESSING • BLOWUPS •
INTERNEGATIVES • KODACHROME SCENE-TO-SCENE COLOR BALANCED PRINTING
• EKTACHROME DEVELOPING AND PRINTING • REGISTRATION PRINTING • PLUS
COMPLETE BLACK AND WHITE FACILITIES INCLUDING CUTTING ROOMS, FILM
AND TAPE VAULTS AND THE FINEST SCREENING FACILITIES IN THE EAST



**MOVIELAB BUILDING, 619 WEST 54TH ST.
NEW YORK 19, NEW YORK • JUDSON 6-0360**

THE LAB FOR REVERSAL FILM

16MM

BLACK & WHITE

REVERSAL
PRINTING

&
PROCESSING

COLOR PRINTING

OTHER SERVICES

- Work Prints
- Color-to-Color Prints
- Color-to B & W Prints
- Raw Stock
- Fastax Service
- A & B Roll Prints
- Fades-Dissolves
- Timed Prints
- Edge Numbering

FOR COMPLETE INFORMATION WRITE

LAB-TV

723 Seventh Ave., New York 19, N.Y. • JU 6-2293

Products Division, has received the University of Minnesota's Outstanding Achievement Award presented to former students for high eminence and distinction. Dr. Wetzel was graduated from the University in 1928 and was granted the PhD degree in physics and mathematics in 1933. Recognized as an international authority on magnetic recording, he has been instructor and lecturer at the University of Minnesota, University of Chicago and Colgate University. He plans to retire sometime

during 1964 and will be succeeded as General Manager by M. C. Hegdal, who has worked with Dr. Wetzel for the past 19 years in the research and development of magnetic tapes.

A Fellow of the Society, Dr. Wetzel served as Governor from 1958 through 1961. Among his publications is a Journal paper (with co-authors R. Herr and B. F. Murphy) on "Some Distinctive Properties of Magnetic-Recording Media" (*Journal*, pp. 77-88, January, 1949).

Obituary



George Partington

George Partington died June 13, 1963, at St. Andrews Hospital, Billericay, Chelmsford, England. He was born in 1916 at St. Anne's-on-Sea in Lancashire, and was educated at Kirkham Grammar School and Manchester University, where he was granted the degree of Bachelor of Science.

In 1938 he joined the Marconi Company and after a year at the Marconi College, entered the Research Division. In 1956 he was made Deputy Chief Television Engineer and in 1959 he became Chief Engineer of the Broadcasting Division, a position he held until his death.

Throughout his career he was a prolific inventor and designer. He made significant contributions to all branches of the technical progress of television throughout the world. One of his most important contributions was his work leading to development of the 4 $\frac{1}{2}$ -in. image-orthicon tube. This development is described in a paper which was presented at the Society's 86th Conference in New York and later published in the February, 1960, issue of the *Journal*. A paper on "Operationally Simplified Camera Channels," which appears in the June, 1962, issue of the *Journal*, had been presented at the 90th Conference at Lake Placid. In addition to other related fields of activity, Mr. Partington had been active in the development of pay television and wired television systems.

section reports



The role of photography at the Merritt Island launch area of the National Aeronautics and Space Administration was outlined by Richard M. Murphy of NASA at the December 7 meeting of the **Cape Kennedy Section**. The meeting, held in Schrafft's Carriage House, was attended by 52 members and guests.

Mr. Murphy illustrated his talk with slides and a 16mm color movie.—W. G. Wiest, *Secretary-Treasurer*, 122 North Indian Hill Circle, Cocoa, Fla.

The theory and applications of the Kalvar non-silver process were outlined for 33 members and guests of the **Cape Kennedy Section** at the meeting January 18 at Cape Colony Inn. The speaker, Dr. R. T. Nieset of Kalvar Corp., noted that the process, in which an image is formed when tiny gas bubbles are released on exposure to ultraviolet light, is being used extensively

for microfilming purposes. One of the present disadvantages of the Kalvar process, he said, was its relatively slow speed, but improvements are being made in this area. Dr. and Mrs. Nieset were honored at a dinner after the meeting.—W. G. Wiest, *Secretary-Treasurer*, 122 North Indian Hill Circle, Cocoa, Fla.

Twenty-one members and guests of the **Denver Section** was present at a dinner meeting December 17 in Pueblo. The meeting was organized by Jackson Cravens of KOAA-TV in Pueblo.

After a tour of the computer center at the Pueblo Army Depot, the SMPTE group went to the KOAA studios, where Mr. Cravens spoke on "Film Production Problems in Small-Market Television."

The meeting closed with a social period.—Stanley C. Phillips, *Secretary-Treasurer*, 3330 West 93rd Ave., Westminster, Colo.

Norman F. Bounsall of Ampex Corp. and Milt Altman of National Broadcasting Co. discussed and demonstrated video-tape editing and animation techniques at the November 26 meeting of the **Hollywood Section**. The meeting, held at NBC in Burbank, was attended by 180 persons.—John P. Kiel, *Chairman*, c/o Photo-Sonics, Inc., 820 S. Mariposa St., Burbank, Calif.