



86th Convention Papers Program

Under the general theme of "Motion Pictures and Television in the Space Age," and under Program Chairman J. Paul Weiss, the expected roster of ten Topic Chairmen is nearly complete. The chosen topic areas and the chairmen for each will be published in the next issue of the *Journal*.

In the meantime, Author Forms are available from Society Headquarters and from: J. Paul Weiss, 86th SMPTE Program Chairman, Du Pont Photo Products Dept., Parlin, N.J.

Dear Mr. Plakun:

Since Mr. Glenn E. Matthews has confirmed my appointment as National Regional Chairman of the Papers Committee for Argentina, I feel it to be my duty to present myself to you, and through your kindness, to all the members of the Papers Committee.

I think it has been an excellent move of the SMPTE to extend its activities on an international scale. Working conditions vary according to the general character of each country; and as a consequence each country may have its own idiosyncrasies. It may be necessary to do the same things in other ways in different surroundings, and still may be possible to arrive at the same results. As this new program gets really

under way, the exchange of knowledge which will result from it should be extraordinarily fruitful.

It was very pleasant for me to read in the minutes of the meeting of the Papers Committee of Tuesday, October 21, 1958, the particular interest this committee is taking in its relations with Latin America. I have always felt that the people of this — our American Continent — have more in common than is realized generally. All of the peoples of this continent have been faced with pioneering problems: first in settling the land, and then in creating everything from nothing. The genuine creativeness which resulted from this, is, I feel, the common American inheritance.

It is the engineer's, as well as the tech-

Bearing upon the growing success of the Papers Committee in carrying out the policies of the Society, we publish below a letter from Sr. Pablo Tabernero, Laboratories Alex S.A., Buenos Aires, written in acknowledgment of his reappointment as National Regional Papers Chairman for Argentina. It seems of special interest as an encouragement toward increased activities beyond the Society's habitual boundaries. It is published through the courtesy of General Papers Chairman Ben Plakun and with the permission of Sr. Tabernero.

nician's, the artist's, the scientist's, privilege to create things; and on this common ground, I am sure, Americans of the North and Americans of the South will understand each other very easily. I like to think of the, as yet distant, day when the membership of the SMPTE in Latin America will be large enough to warrant a Spanish edition of the *Journal* or, at least, a Spanish edition of the most outstanding papers published by it.

As for myself, I am trying to do my best to help in extending knowledge of the SMPTE. With my respectful greetings to you and to all the members of the Papers Committee I remain,

Yours very truly,
PABLO TABERNERO

Education, Industry News

A delightful "Texas story" has come to the *Journal's* Editorial office in the form of a release from the McLendon Corp., motion-picture producers of 2008 Jackson St., Dallas, Tex. Difference between this and other tall stories is that this one's true.

"Texas," the release starts out, "has wheeled around in its well-worn tracks and taken direct aim on the California celluloid capital." Since the release conforms to Texas tradition in length as well as hyperbole, it appears below in condensed form.

"Already, two full-length motion pictures have been churned out by the nation's newest producing company with headquarters and shooting studios located on the shores of Lake Dallas. Setting sights behind the venture are two of the Southwest's elder business men and long-time showmen, B. R. and Gordon B. McLendon. This Texas father and son combination... plunked down an initial \$500,000 for a 500-acre tract of land formerly occupied by a financially ailing film production company. To insure top-flight facilities, the pair immediately anteed up another \$250,000 for scheduled improvements, a giant new sound stage and renovation of a 14,000-sq ft lodge to house cast and crew during filming.

"All this was not done without exhaustive research and depth probings of other film renegades who have flopped in their fight for a beachhead in motion-picture producing outside of Hollywood.

"The first release, *The Killer Shrews*, stars Ingrid Goude and James Best. Miss Goude... as Miss Sweden, made her buxom bow as runnerup in the 'Miss Universe' in 1957... The second feature, *The Gila Monster*, spotlighted newcomer Don Sullivan and international beauty, Lisa Simone, the former 'Miss France'...

"In both pictures, 27 hand-picked Hollywood technicians and crewmen have been flown into the Lone Star State to get the new firm off on solid production footage, among them Ray Kellogg, a 30-year veteran of directing and special effect wizardry at 20th Century-Fox, to serve as Director. Rounding out the staff heads were Chief Cinematographer Wilfred Kline, Chief Camera Operator George Nogel, Lighting Specialist George Satterfield and Film Editor Aaron Stell, all of Hollywood. To beef up front office operations... appointments of James H. Foster as Financial Vice-President and Mitchell I. Lewis as Advertising and Publicity Chief were announced.

"In all, the McLendons are presently up to their elbows and in the motion-picture business to stay. With Dallas daring, dynamics and dollars the insatiable appe-

tites of aggressive theater owners and hungry movie consumers can eagerly look forward to a tasty new fare — Texas style!"

Omission and Error

The footnote to "A Flying Spot Film Scanner for Color Television," by H. E. Holman, G. C. Newton and S. F. Quinn, abridged for the *Journal* (March 1959, pp. 137-140) failed to credit Electrical & Musical Industries Ltd., Research Laboratories, Blyth Road, Hayes, Middlesex, England, where the paper was prepared for its original publication in the *Proc. of Electrical Eng.*, from whom permission was obtained for the publication of the Abridgment in the *Journal*. (Since the paper first appeared, one of the authors, Mr. Quinn, has joined Canadian Broadcasting Corp., Engineering Div., Montreal, Que., Canada.) The *Editor* sincerely regrets this oversight, which was called to our attention by Mr. Newton.

An item in the Education, Industry News section of the March 1959 *Journal* (p. 176), "The Committee on International Nontheatrical Events (CINE)..." incorrectly lists Riviera Productions, Los Angeles, as producers of the film *Silk*. The film was produced by Wheaton Galentine, New York.



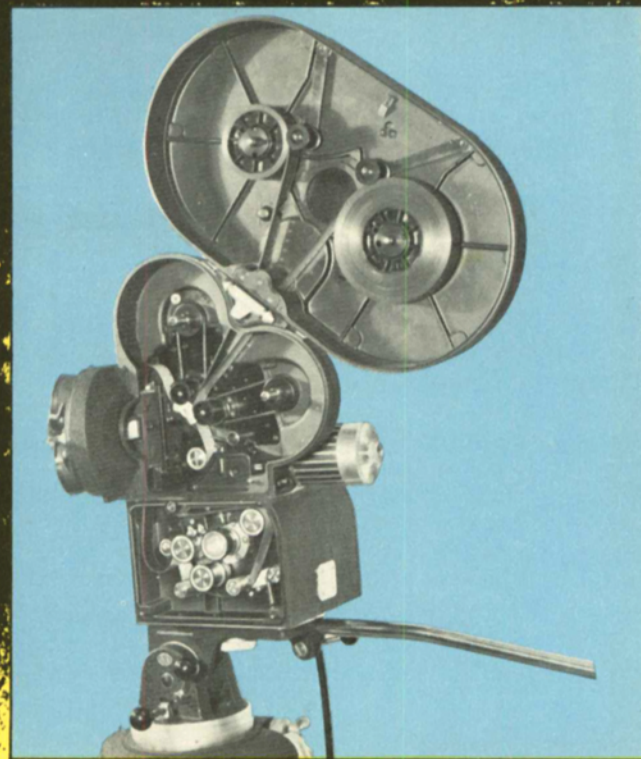
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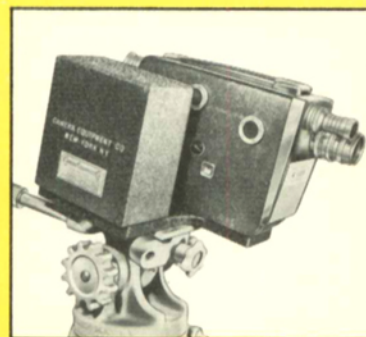
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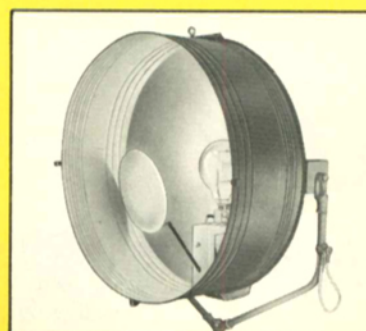


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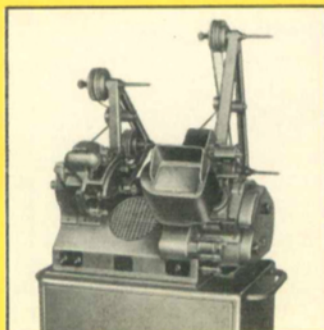
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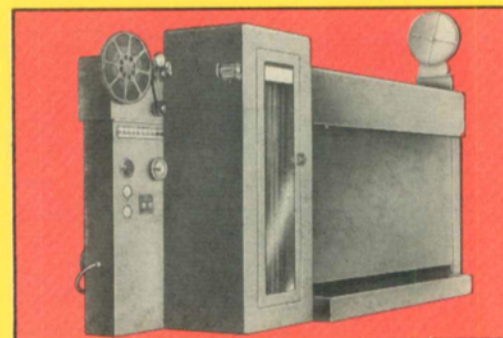
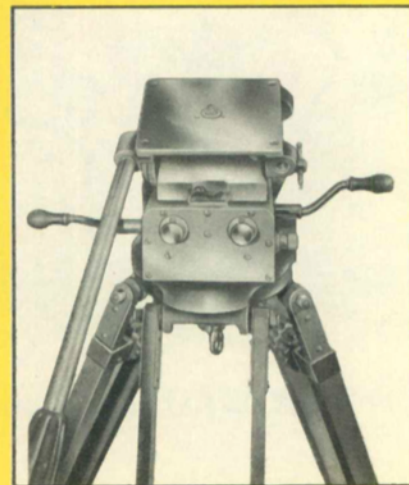
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An eight-story building, an addition to Kodak Research Laboratories, Rochester, N.Y., to house the physics division of the Laboratories, is expected to be ready for use in 1961. The new unit will be of fire-proof structural steel with curtain wall exterior construction. Seven floors will be used for laboratories, research areas and staff offices. The eighth floor will be used for mechanical equipment and may include an observation platform for photographic research. Transfer of the physics division to the new building will release space in the main buildings for other research divisions, such as chemistry and applied photography. Physics research carried on by the Laboratories includes work in colorimetry, radiography, sound reproduction, sensitometry and solid state physics.

Classroom film: A total of 135 students in three sections of the basic social science course at Michigan State Univ. were questioned about their attitudes toward the use of film in the classroom. The results of the questionnaire are presented in an article in the *Audio Visual Communication Review*, Winter 1959, in an article, "Student Evaluation of Films Used in College Social Studies" by Louis W. Redemsky. Most of the answers to the questionnaire indicated a very favorable attitude toward the use of films. The students seemed to value discussion very highly and over half of them specified Monday as the best day of the week to show films.

Another article in the same issue, "Comparative Teaching Effectiveness of Radio and Television" by Lionel C. Barrow, Jr., and Bruce H. Westley is based on the results of an experiment designed to compare the relative effectiveness of equivalent radio and television versions of a series of background-of-the-news programs for grade school children. A total of 228 sixth-graders took part in the experiment. The TV group made significantly higher scores than the radio group on an immediate recall test of factual knowledge. The TV group's score on a delayed recall test six weeks after the last program still was higher than that of the radio group, but the difference was no longer significant.

The Syndicat Général des Industries Photographiques et Cinématographiques has presented portrait busts of Nicéphore Niepce and L. J. M. Daguerre to the American Museum of Photography, Philadelphia. Gift of a third bust, that of Fox Talbot is planned. The Museum is planning a move to larger headquarters and one of the features of the new location will be a Hall of Fame where the three busts will be displayed in positions of the greatest honor. The presentation of the two French busts was arranged by M. A. Landucci of the Syndicat Général following a visit last October by Dr. Louis Walton Siple, Director of the Museum.

A picture Presentation Committee has been appointed by the British Kinematograph Society, 164 Shaftesbury Ave., London WC2, for the purpose of examining "the whole process of motion-picture presentation in its widest sense, and to report on improvements which could be effected

through the joint endeavors of all responsible parties in the fields of production, processing, distribution and exhibition." At the first meeting of the Committee, four main areas of interest were outlined: (1) Initial Release Print Quality; (2) Subsequent Deterioration; (3) Equipment; and (4) The Projectionist. Specific problems and failures in each category were defined by the Committee. The Committee plans to "assess the degree of culpability; pinpoint weaknesses; gather factual information; lay down the proper method of correction; and find a means of putting (it) in effect." A letter from the Committee Secretary, R. E. Pulman, notes "the magnitude of the task that has been undertaken,"

and states, "we are determined to achieve our aim."

A complete high school chemistry course on film has been announced by the American Chemical Society and Encyclopaedia Films Inc. The course, available this Fall, consists of 150 half-hour demonstration lectures in black-and-white or color. Based on data compiled over a year in chemical laboratories and studios, it was filmed at the Univ. of Florida under a grant from the Fund of the Advancement of Education. The presentation, which includes experiments and demonstrations not readily available in the average school, is intended to supplement present courses

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and bring them up to date. A similar plan was used last year in preparing a physics course.

The Animated Television Commercial is the subject of a talk given by Adrian Woolery at the Dept. of Cinema, Univ. of So. Calif., April 23. Mr. Woolery has had 23 years' experience in the field of animation. He is president and owner of Playhouse Pictures, a Hollywood firm specializing in commercial and industrial animated films.

The 13th Congress of the International Scientific Film Assn., 3 Belgrave Sq., London SW1, will be held in London and Oxford, Sept. 23 - Oct. 2. Plans are for the delegates to assemble in London for the opening ceremonies and reception and to proceed to Oxford for the remainder of the Congress. It is expected that over 200 films on research, medicine, education and popular science subjects will be screened during the Congress and its accompanying Festival. The award-winning films will be shown at the National Film Theatre, October 2.

The second annual Audio-Visual "Crackerbarrel" Openhouse arranged by Harwald Co., 1245 Chicago Ave., Evanston, Ill., covered in lectures and discussions a variety of audio-visual applications in the fields of business, psychology, education, government and religion.

Speakers included Ott Coelln, Editor and Publisher of *Business Screen Magazine*, John Flory, of Eastman Kodak Co.; Bill Kruse, public and trade relations counsel for *Educational Screen and Audio-Visual Guide*; Philip Lewis, of the Chicago Board of Education; Maurice Mitchell, President of Encyclopaedia Britannica Films Inc., who reported on the National Defense Education Act; Walter Wittich, of the University of Wisconsin; Cliff Welch, of the Naval Training Aids Center, San Francisco; Al Moses, of Army Pictorial Service, who spoke on "Progress and Problems in Military Audio-Visuals"; Pearl Rosser, President of the Baptist Missionary Training School, who spoke on "Audio-Visuals in Religious Education"; and other experts in audio-visual fields.

A demonstration of the Harwald Ultrasonic portable projection booth for classroom use was given by Dick Wallace. Plans are being discussed for a third such Open House next February.

The School of Radio Technique Inc., 316 W. 57 St., New York 19, was purchased by members of its faculty and staff after the death of its founder, John F. Gilbert, in March. Robert C. Stebbins, who is Dean of the school, has been elected President and Director. B. Anne Trayfors is Vice-President in charge of publicity and advertising. Plans are underway to expand the curriculum to include additional courses in broadcasting arts and sciences in the fields of radio and television.

Plans for a \$20 million laboratory to be built at Holmdel, N.J., have been announced by Bell Telephone Laboratories. The new building will be constructed on a 430-acre site owned by Bell Laboratories

since 1929. Buildings presently on the property provide working space for about 150 scientists, engineers and staff. Architect for the new building is Eero Saarinen. Occupancy of the first portion of the building is expected in 1961.

The Proceedings of the Institute of Radio Engineers has devoted its May 1959 issue to the subject of government research. The 350-page issue contains articles by leading radio-electronic authorities in the United States and Canada describing research now underway and results that have been accomplished in Government laboratories and on government-financed projects. Included are articles on wave propagation and solid-state, developments involving microminiaturization and reliability, and applications in such fields as medical electronics. The issue features an editorial on the work of the Federal Council by James R. Killian, Jr., Special Assistant to the President for Science and Technology.

The Visit of Queen Elizabeth II to Ghana during November will be broadcast through the cooperation of Marconi's Wireless Telegraph Co. Ltd. of Chelmsford, and Pye Ltd. of Cambridge, under an agreement with Ghana Broadcasting Authorities. The station will be located in Accra and the service will operate on a 625-line standard.

The Veder Prize has been awarded to three employees of Philips-of-the Netherlands for outstanding contributions in the field of radio engineering. The Veder Fund, established by Mr. Veder of Rotterdam, each year presents an award to the person or persons who, by their scientific work, have "won their spurs" in radio engineering. The prize-winners are: K. de Boer, D. Kleis and M. Vermeulen. Dr. de Boer was honored for his research in stereophonic sound reproduction. Messrs. Vermeulen and Kleis were honored for their work on artificial reverberation.

Oliver Berliner, internationally known author and sound systems authority, has been appointed a director of Studio Electronics Corp. of Burbank, Calif. Mr. Berliner is the grandson of Emile Berliner, inventor of the microphone and disk phonograph record. His activities as director will include acting as sales manager and advertising director.

Edgar Snow has been appointed Managing Director for Westrex Co., Orient, a division of Litton Industries, with offices in Tokyo. Mr. Snow's qualifications include more than 10 years residence in Japan. He lived there as a child and returned to serve with the U.S. Naval Technical Mission. He served in a civilian capacity with the Army from 1949 until 1954.

Jack Clink has been named Director of Sound Services for Byron Motion Pictures Inc., Washington, D.C. For the past 25 years, Mr. Clink has been active in the field of sound. He was originally associated

Obituary

P. A. McGuire died January 20 at Amityville, L. I., N. Y. at the age of 84. For 30 years he was advertising manager and public relations counsel, first for Nicholas Power Co., and subsequently for the firm which absorbed this enterprise, the International Projector Corp. He was a member of the Society during the years 1931-1949 and attained the rank of Fellow. He was active in the Projection Advisory Council and was a member of a number of civic and fraternal organizations.

with the M-G-M Sound Dept. in Hollywood. During World War II, he became one of the original members of the Army Pictorial Service. Following World War II he joined the staff of Edgar Monsanto Queeny and participated in various expeditions in British East Africa and the Sudan for the American Museum of Natural History.

A demonstration of stereophonic sound by the National Broadcasting Co. in cooperation with Bell Telephone Laboratories is part of an RCA Victor "Save on Stereo" campaign. The demonstration took place Feb. 28, during the 8:15 to 8:45 P.M. portion of the Perry Como Show. In stereo simulcast, sound signals are picked up by microphones placed on each side of the studio stage. Sounds from microphones on the left side of the stage are transmitted over the TV audio channels while those on the right side are carried over the radio sound channel. The combination of signals produces stereophonic sound for listeners who have placed an AM or FM radio receiver about eight feet to the right of their TV sets. To assure simultaneous reception of stereo sound, a special network of radio lines were installed parallel to the route of the TV network. The networks were provided by the Long Lines Dept. of American Telephone and Telegraph Co. Video tape with two soundtracks was used for delayed broadcast in different time zones.

Zeiss Ikon's "Picture and Sound" issues for January and February, 1959, contain numerous tutorial articles and descriptions of equipment:

"Across Europe — on the platform of a locomotive...made possible by a new method of filming"
"Xenolite, an inexpensive xenon lamp for small-sized cinemas"
"Marking the film reels"
"Control desk for light and sound"
"Cleaning optical equipment"
"Zeiss Ikon Slide Automat"
"New Zeiss Ikon Amplifiers employing transistors"
"Ernemann IX, in a different make-up"
"A new tweeter system"
"Remote focusing control of the projection lens"