



SPSE Symposium on High-Speed Processing

The two-day special symposium on new developments in rapid photographic processing, organized by the Society of Photographic Scientists and Engineers in conjunction with the 5th International Congress on High-Speed Photography, will take place at the Shoreham Hotel, Washington, D.C., October 14 and 15. Since the announcement of the symposium in the April *Journal*, p. 274, further information has been received from SPSE on the subject matter to be covered at this meeting, which should be of interest to many of those arriving early in Washington to register for the 5th Congress opening October 16.

Dr. Edward K. Kaprelian, Assistant Director of Research, U.S. Army Signal

Research and Development Laboratories, Fort Monmouth, N.J., will preside at several key sessions. The meeting will have as a major goal the exchange of information on "short access time, compact, simplified photographic processing equipment." Dr. Kaprelian will speak on the subject "Future Military and Commercial Applications of Short Access Time Rapid Processing," on October 15.

George T. Eaton, President of SPSE and head of Eastman Kodak's processing research department, will open the symposium on October 14 with an introductory paper, "The Revolution in Photographic Processing." Other subjects to be covered during the two days of sessions are:

Rapid processing technology. Novel, simplified chemical application techniques leading to compact, convenient processing equipment, including theoretical and prac-

tical aspects of unconventional liquid, gel and other processing methods.

Photographic chemistry. Discussions of all aspects of the chemistry of solutions tailored for various specialized applications.

Photographic emulsions. Descriptions of the unusual requirements placed on photographic emulsions for various kinds of rapid processing, and results obtainable with newly developed emulsion types.

Development of film-chemical-application combinations. The systems aspects of the matching of the several elements contributing to maximum performance in rapid processing.

Uses for rapid processing. Requirements for high-speed processing equipment in data handling systems now in use or in development.

Larger processing machines. New principles, designs, chemistry, and controls for larger high-volume processing equipment.

Electrophotography. New non-silver techniques for recording and rapidly displaying graphic material of all types.

Future of rapid processing. Future demands and uses of rapid processing components, equipments, and systems.



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Education, Industry News

The SPIE (Society of Photographic Instrumentation Engineers) Technical Symposium & Exhiborama of Equipment will be held August 1-4 at the Ambassador Hotel, Los Angeles, and will be co-sponsored by the Air Force. Thirty-six technical sessions are scheduled, five of them classified with attendance restricted to persons providing required security clearance. Topics planned for discussion at the classified sessions include Air Force Terrestrial Reconnaissance, Army Battlefield and Combat Surveillance, Miss-Distance and Firing-Error Determination, Rocket Motor Function Evaluation, and SAMOS Subsystem "I." The unclassified sessions include Recent Advances in Geometric Optics, Infrared Recording Systems, Recent Advances in Fiber Optics, High-Speed Sequence Recording, Bright-Screen Projection Systems for Data Display, Extraterrestrial Photoinstrumentation, and other related topics. General Chairman of the Symposium is E. F. Flint of Eastman Kodak Co. Additional information is available from SPIE Press Bureau, P.O. Box 288, Redondo Beach, Calif.

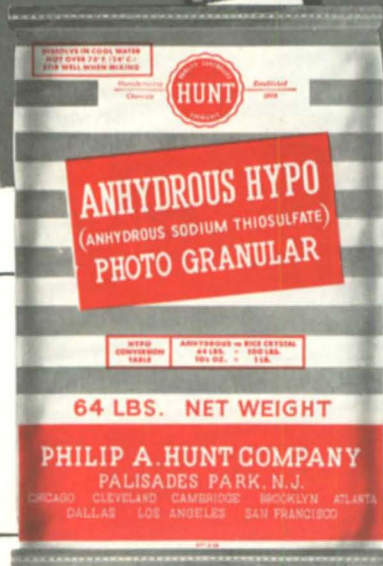
A regional Seminar on the Use of Visual Aids in Adult and School Education in Latin America, organized by Unesco with the assistance of the Mexican Government, was held in Mexico City in September 1959. Eighteen Member States of Latin America and a number of international and national organizations were represented. After discussion and consideration of reports a number of recommendations were adopted leading to the systematic use of audiovisual aids in schools and for other educational service. A report translated from Spanish into English, Document Unesco/MC/38, is available from Unesco, Division of Free Flow of Information, Place de Fontenay, Paris 7.

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A meeting on Development of Information in South East Asia was held in Bangkok, Jan. 18-29, under the auspices of the United Nations Education, Scientific and Cultural Organization (Unesco). The Bangkok meeting is the first of three such meetings planned to consider the problems of helping underdeveloped countries to build up their information media. Plans have been announced for subsequent meetings at Santiago de Chile in 1961 and Addis Ababa in 1962 to discuss information media in Latin America and in Africa. The Bangkok meeting was attended by representatives of Member States, experts in various types of information media and observers from international organizations.

A number of important points were

brought out during discussions on film and television. Discussion on film was limited to nontheatrical films, including documentary, educational, children's and cultural films. Considerable emphasis was placed on the importance of training programs and it was suggested that a regional training center be established for the training of motion-picture and television personnel. It was also noted that a major problem in South East Asia is a shortage of raw stock, and it was suggested that a review of the situation would show that raw stock shortage and lack of equipment (including spare parts) in this region, combined with fiscal and Customs regulations, limit the growth of documentary film making, and conse-

quently the enlightenment and further education of people of the region.

It was also urged that professional film and television organizations should consider possible ways of cooperating with the International Film and Television Council recently established on the initiative of Unesco.

In a general discussion on television, it was noted that television had such sociological importance and community impact that it was an entirely necessary medium for disseminating information and instruction to both city and rural audiences. It was emphasized that in this area (South East Asia) immediate action in long-range planning had become urgent. It was recommended that, in view of the inadequacy of information currently available in this field, as an essential first step, a detailed survey should be immediately undertaken to analyze the problems, experiences and future possibilities of developing television in the countries of South East Asia. It was also suggested that, following the survey, recommendations should be made as to how existing film resources might materially aid new television services.

Intensive training programs and the establishment of experimental television stations was suggested as a possible first step toward the development of television in these countries.

A 51-page report in English has been made as Document Unesco/MC/39 by Unesco's Division of Free Flow of Information, Place de Fontenoy, Paris 7.

The 16th National Electronics Conference and Exhibition, in which the Society is a participant, will be held October 10-12 in the Hotel Sherman, Chicago. Participants other than the Society include seven universities (Michigan State, Purdue, Michigan, Notre Dame, Wisconsin, Wayne State and the recently added Iowa State) and the Electronics Industries Assn. Sponsors include the American Institute of Electrical Engineers, Illinois Institute of Technology, the IRE, Northwestern University and the University of Illinois. A number of papers on new developments in electronics are scheduled for the technical sessions. Exhibits Chairman is John S. Powers. Additional information is available from National Electronics Conference, Inc., 228 N. La Salle St., Chicago 1.

At the 20th Annual National Audio-Visual Convention to be held August 6-9 in Chicago, James W. Hulfish, Jr., NAVA Director of Information, will talk on "The Challenge of the Sixties." He plans to survey the development of the audio-visual industry and to review current trends and future prospects. "Meet the Challenge" is the title of an address to be given by G. Herbert True, the well-known psychologist. "Selling to Industry" is the title of a scheduled presentation centering around an analysis of A-V utilization in industry. Participants are Richard B. Lewis, Tom Clemens and Jerry Kemp, all of the A-V Center, San Jose State College, San Jose, Calif.

Teaching Machines? will be one of the topics discussed at the Audio-Visual Educa-

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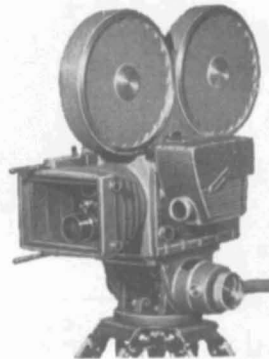


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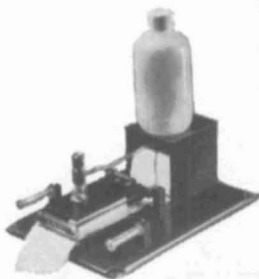
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tion Forum to be held August 6-8, at the Morrison Hotel, Chicago, as part of the Annual National Audio-Visual Convention. The Forum will open with an all-day screening of Blue Ribbon award-winning educational films, each followed by discussion and evaluation moderated by Richard Edmundson of the Illinois Public Aid Commission and President of the Chicago Film Council, and Reynolds Hungerford of the Chicago Public Schools System.

Plans for holding the Third Biennale Internationale Photo-Cinema-Optique April 15-24, 1961, at the new Exposition Center, Rond-Point de la Defense, Paris, have been announced by J. d'Autrevaux, General Commissioner, 15 rue de Belle-

chasse, Paris 7. The American Express Co. will handle transportation and accommodations for visitors and exhibitors.

The 63rd Annual Meeting of the American Society for Testing Materials was held June 26-July 1 in Atlantic City, N.J. An all-day program conducted by the ASTM's new Division of Materials Sciences was held June 27. The day was occupied by two symposia: "Recent Progress in Materials Sciences" and "On the Nature and Origin of Strength of Materials." W. O. Baker, Vice-President of Research, Bell Telephone Laboratories, was guest speaker at the luncheon. His talk covered interdisciplinary laboratories and research and education relating to materials sciences.

The Gillett Memorial Lecture, sponsored jointly by ASTM and Battelle, was delivered by R. Carson Dalzell, Assistant to the Director, Division of Reactor Development, AEC. He spoke on "Nuclear Fuel Elements Development." The annual Edgar Marburg Lecture was given by Farrington Daniels, Vice-President of the National Academy of Sciences, who spoke on "The Utilization of Solar Energy." The biennial exhibit of testing apparatus and laboratory supplies opened June 27 and closed July 1.

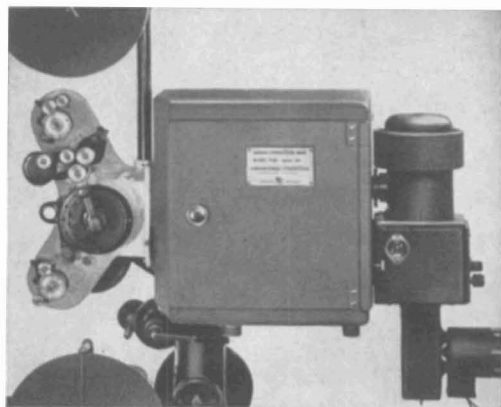
Andrew J. Mott, Jr., has been appointed Sales and Technical Representative for the West Coast Area for Electro Powerpacs, Inc., a subsidiary of Hydra-Power Corp., 5 Hadley St., Cambridge, Mass. Headquarters for Mr. Mott's warehouse and service work will be Bradford Sales and Service Co., 1237 South San Gabriel Blvd., San Gabriel, Calif. Prior to this appointment he was Photographic Instrumentation Specialist for the Rocketdyne Division of North American Aviation Corp.

Albert M. Uremovich has been appointed to the staff of field engineers of Traid Corp., 17136 Ventura Blvd., Encino, Calif. Prior to this appointment, Mr. Uremovich served as Surveillance Sensor Coordinator of the Signal Corps Drone Program at Fort Huachuca, Ariz. He has also been employed on photographic assignments by General Motors, Convair and the U.S. Naval Ordnance Test Station, China Lake, Calif.

Allen B. DuMont, a trustee of Rennselaer Polytechnic Institute, Troy, N.Y., since 1945, has been elected Vice-President of the Board. He was graduated from the Institute in 1924 and in 1945 was granted the honorary degree of Doctor of Engineering. Noted for many contributions to the fields of television and electronics, one of his most important projects was the development of the cathode-ray tube. He organized one of the first TV stations in New York, WABD, and later organized WTTG in Washington, D.C., WDTV in Pittsburgh, and the DuMont Television Network.

Robert D. Hamilton has been appointed Head of the Systems Engineering Department of Foto-Video Electronics, Inc., 36 Commerce Rd., Cedar Grove, N.J. He was formerly Consulting Engineer for International Business Machines Corp., Oswego, N.Y., where he was in charge of various projects and operations having to do with radar developments, data processing, digital computing and related fields. He has also been a senior engineer with Allen B. Du Mont Laboratories where he held the post of Electronic Systems Engineer.

Charles A. Hamilton has been appointed Director of the Radio and Television Department of Bevel Associates, a public relations and advertising firm of Dallas, Tex. He will supervise radio and television activities for all agency clients. He was formerly senior industrial motion-picture writer-director with Convair in Fort Worth, Tex.



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This compact high-speed unit uses a single light source. The lamphouse is designed for a 1000 Watt T-12 bulb, has quartz optics, focusing mount and blower. Adjustments are easily made in darkness simply by adjusting three knobs which provide for vertical, transverse and rotational motion of the bulb.

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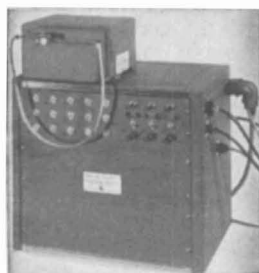
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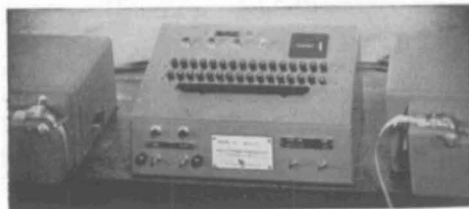
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