



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.