

Complete manuscripts should reach Headquarters before March 4, 1968. Authors are urged to submit manuscripts before the deadline so that Preprints can be made available in time for opening of the Conference. Each author who submits his formal manuscript in time for preprinting will be sent 25 Preprints, gratis.

Equipment Exhibit

Exhibit Chairman **Warren Strang**, Hollywood Film Co., 959 Seward St., Hollywood, Calif. 90038, reports that the

exhibit brochures and order forms are being mailed out this month. Additional information and order forms may be obtained from him or SMPTE Headquarters.

The Exhibit will open Monday, May 6, at 5 p.m. with an official ribbon-cutting ceremony. This will be followed by the Exhibitors' Open House for Conference Registrants and holders of exhibit passes.

Exhibitors will be invited to present papers or give demonstrations of their equipment at a special session at the Century Plaza on Wednesday, May 8.

New SMPTE Sustaining Members

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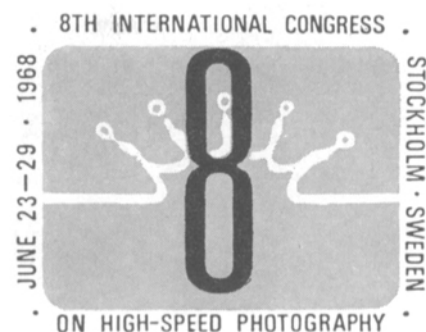
Perception Industries (New York and Toronto) supplies consultation, equipment and services for the effective transfer of information and ideas. Its products and services are applicable in industrial, educational, military, government and television facilities and are used in board rooms, conference centers, auditoriums, classrooms, television studios, convention halls, etc. The firm offers a complete line of highest quality professional slide, motion-picture, television, overhead and random access projection devices, as well as xenon light sources for 2 × 2-in., 3½ × 4-in. and 16mm projectors. It offers a complete rental service and will also do presentations for stockholders' meetings, product promotions, etc.

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The 8th International Congress on High-Speed Photography will be held June 23-29, 1968, at St. Erik's International Trade Faire, Storangsvangen 18, in the northeastern part of Stockholm, Sweden.

St. Erik's will be an interesting location: It has a newly constructed hall that accommodates 600 people plus sufficient space for an exhibit. Facilities include a cafeteria, a restaurant, a lobby, a congress bureau, a bank, parking space, a post office and a travel agency. The hall was named for St. Erik, the patron saint of Stockholm for the last 700 years.

More than 200 authors have so far indicated their intentions to present papers at the Congress. Many more are expected. Concurrent sessions may be required, although there are plans for a very thorough screening of all potential papers.

The large response to the Congress had prompted a change of the location of the Congress to St. Erik's from another previously chosen facility. The Congress dates have been retained for June because Stockholm is particularly beautiful at that

time. In June, Stockholm sees 20 hours of daylight every 24 hours.

Further information on the Congress can be obtained from *The Secretariat*, 8th International Congress on High-Speed Photography, Box 23, Stockholm 80, Sweden, or from the U.S. National Delegate, *Max Beard*, 10703 E. Nolcrest Dr., Silver Spring, Md. 20903. A story on the Congress appeared in the September, 1967 *Journal*, pp. 952-954.

Rochester, Toronto Sections "Little Convention"

More than 250 members and guests of the Toronto and Rochester Sections attended the sections' annual "Little Convention" at the King Edward Sheraton Hotel in Toronto October 21. The theme of the event was "Motion Pictures and Television in Education."

The large number of registrants reflects SMPTE's interest in the educational use of the two media. The Chairmen of the two host sections, Murray Marshall, Film House, Toronto, and Raymond DeMoulin, Eastman Kodak Co., Rochester, along with Convention Chairman Maurice French of CBC Toronto and Papers Chairman, Harry Clapp, Photo Importing Agencies Ltd., Toronto prepared a good mix of presentations. Lou Wise, Asst. Director of Teaching Aids, Toronto Board of Education, acted as Moderator for the papers session.

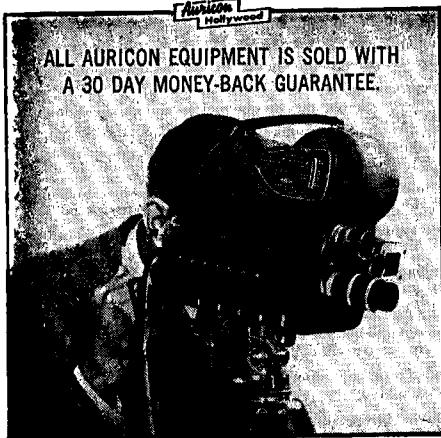
T. R. Ide, Director of ETV, Ontario Dept. of Education, delivered an address which was to have been given by the

Hon. Wm. Davis, QC, Minister of Education for Ontario. Davis' paper emphasized the fact that the speed of changing events necessitated changes in educational methods and that the increased use of both motion pictures and television to assist the teacher is essential. He stated that neither of these media is the panacea for education. He warned that hardware should not be given precedence over human beings.

Dr. Louis Forsdale, Professor of English, Columbia University, New York, discussed 8mm film as an important teaching aid in today's information explosion. On behalf of educators he congratulated SMPTE in its effort to discover mutual goals. Although indicating that 8mm film appears to be today's best hope in the teaching profession, he pointed out that education requires an orchestration of all teaching media and the job of the teacher was to orchestrate, with each medium doing its best.

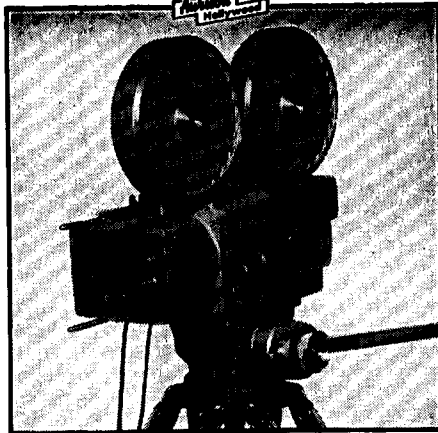
E. S. Hallman, Vice-President Programming, Canadian Broadcasting Corp., spoke on "The Nation's Network and Its Role in Education." Although the capacity of the Canadian Broadcasting Corporation to educate is limited by economics, it has been providing school broadcasts for 30 years in radio and television, on both a provincial and national scale. The network is interested in the use of television in the total education of the nation rather than in the direction of broadcasts to schools only. Although the field of education is the sole domain of the provinces, there has been, and will continue to be, good relations between the provincial

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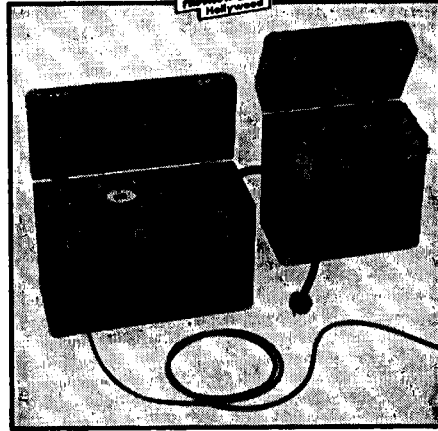
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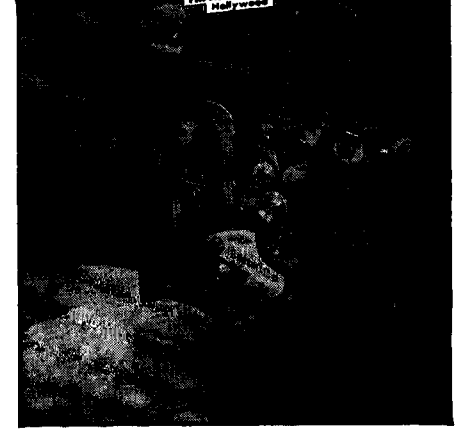
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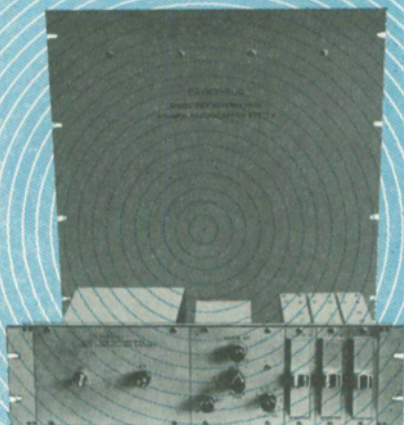
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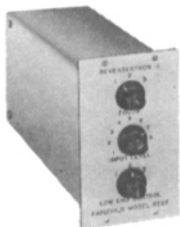
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bodies and the national network. The CBC has indicated that it may be willing to set up a public agency to provide educational TV networks.

Robert Gale, Eastman Kodak Co., Rochester, demonstrated a new high brightness front projection screen. The new screen is formed by placing a lubricant between two thin sheets of aluminum foil and subjecting it to a high pressure. This "sandwich" construction is reported to give a gain of 10 over a matte screen and a gain of 6 over a lenticular screen. The material can be curved to eliminate the "hot spot" of a flat screen and to give a more even distribution of brightness over the entire surface. The effectiveness of the new screen was vividly demonstrated by shining a bright spotlight onto the new screen and a standard screen and displaying slides on both of them.

Willis L. Stockdale, presented a paper coauthored by himself and Mr. Robert C. Lovick, Eastman Kodak Co., Rochester. He discussed the "Evaluation of a System for Mass Production of Super 8mm Prints." Since super 8mm film shows good possibility of becoming popular in the educational field, a new system of mass producing prints of this format is essential. The design goals of the system were first cost and second, quality. A great deal of effort has gone into maintaining a high quality of reproduction. From a cost viewpoint the normal 10 steps, including post stripping of magnetic sound, has been reduced to six steps with the use of a fine-grain prestriped stock. The organization of the process was directed toward minimizing the amount of rewinding necessary by the processing laboratory. Some of the features include improved rollers to reduce scratching and high speed magnetic sound transfer.

Gordon H. Tubbs, Eastman Kodak Co., gave a paper entitled "Eastman Kodak Looks at the Educational Field." Since education supplies industry with people, there is a corporate responsibility to help education. At the present time there is little use of audiovisual devices in many schools which can be traced to the lack of proper teacher training in the use of these devices. Some steps have been taken to properly train teachers in the use of all audiovisual aids. More stress should be placed on them in teachers colleges.

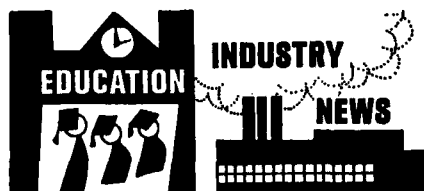
Historically, teachers have been dispensers of facts. This role is changing and teachers must become student guides. They must assist in diagnosing student problems. To do this, the available teaching aids must be used more than in the past. To make them useable they must be easy to operate, light and particularly reliable. Because of the mushrooming growth of education, the equipment must also be economical. Motion-picture prints must be produced in larger quantities at lower costs.

W. R. Wilson, Technical Advisor to the Canadian Board of Broadcast Governors, Ottawa presented "The Potentialities of Space Broadcasting for Educational Television." Although the use of satellites for ETV was in a stage of early development, present and possible future developments indicate that there is a definite possibility of their use in this field. The use of a synchronous satellite was indicated to feed either a master ground station for redistribution over a given area and for direct reception from the satellite to individual schools. Figures were presented to show that with foreseeable radiated powers from a satellite, low cost front-end equipment could be developed for individual reception. In quantities of a million or more receivers, front ends could be made for approximately \$200 which could be used in noisy areas or for about \$20 in low noise areas. Wilson warned that further studies are needed and that these costs should be used with care. The achievement of this, however, would probably not be until the mid 1970's.

A panel consisting of the previous speakers on the program and Dr. D. Abbey, an Educational Consultant, answered questions from the floor. A number of interesting questions posed by educators, motion-picture and television people were directed to the panel and produced a lively discussion.

About 40 ladies registered for the Ladies Program which was under the direction of Mrs. Vi Crone.

Other members of the convention committee included Harold Eady, Bonded TV Film Service Ltd., Toronto, Arrangements; Joe Grimaldi Pathe-Humphries of Canada Ltd., Registration; and Les Hadley, Les Hadley Audiotronics, Facilities.—R. J. Brule, The 3M Co., London, Ont., Canada.



Motion Picture Laboratory Practices and Procedures, a course presented by the University of Southern California's Division of Cinema in cooperation with the Society's Committee on Education, will be held each Wednesday, 7:15 to 10:15 P.M. beginning February 14 and continuing through May 29. The course is planned specifically to assist the practicing laboratory technician and others

who need to know more about laboratory operations. The announcement of the course noted that changing demands on the motion-picture processing laboratory have greatly increased the knowledge requirements of technicians in the industry, due to expanding markets, such as television, industry and education, and also to the increasing frequency with which new techniques and materials are being introduced.

The Society of Photographic Scientists and Engineers (SPSE) held the Second Symposium on Unconventional Photographic Systems October 26-28 in Washington, D.C. The program included five technical sessions and six applications work-