

116th SMPTE Technical Conference and Exhibit

A Report From the Program Chairman

Conference Program Chairman **Maurice L. French**, Canadian Broadcasting Corp., reports that the technical papers program is now well into the developmental stage, with many of the pieces now falling into place. At the time of this writing, mid-June — a full five months before the Conference — many aspects of the program are very well along.

According to French, a full day (Thursday, Nov. 14) is being set aside for sessions on Program Identification Systems. **Roland J. Zavada**, Eastman Kodak Co., is Topic Chairman (see preceding story for details). French said, in discussing the sessions with Zavada, that he hoped the sessions would be international in scope. Contacts have already been made, French said, with representatives from Japan and Germany.

On the subject of Satellites for Broadcasting, with **C. A. Siocos**, Canadian Broadcasting Corp., as Topic Chairman, plans are being made for a live demonstration of a transmission from a NASA satellite. It is hoped to erect a terminal to receive the signals in Nathan Phillips Square in front of the Toronto City Hall, which is directly opposite the Four Seasons Sheraton Hotel. French cautions, however, that these plans are far from definite since approval must first be obtained from the Toronto City Council.

A day to a day-and-a-half is being planned for papers on Television. The Topic Chairman is **Michael Barlow**, Canadian Broadcasting Corp. Among the subjects now being considered are Automated Systems and Studio Sound Pickup.

Several papers have already been promised from overseas, including two papers from NHK in Japan on Satellites and on Automated Editing Systems. Additionally, papers are scheduled from Russia as two representatives from the Russian film industry are coming to the Conference. From Europe, there will be three papers on lighting (on Discharge Light Sources) from England and France.

Rounding up some of the other topics, a half day of papers is now forseen on the subject of Television and Film in Education, **Lou T. Wise**, Toronto Board of Education, Topic Chairman. Several papers are now in the works on Photoinstrumentation with a half day session planned. **Donal Clayton**, Photographic Analysis, Ltd., is the Topic Chairman. So far, two to three papers are promised from Agfa-Gevaert in Belgium for the topic of Motion Picture Systems. Topic Chairman **Ted Litwin**, Kodak Can-

ada, Ltd., expects to fill out the session shortly, with possible papers from Kodak included.

Findlay J. Quinn, with a dual Topic Chairmanship for Laboratory Practices and also Sound Recording and Reproduction, envisions a full day of papers on Laboratory Practices, most likely on Monday, Nov. 11. On Sound, papers are tentatively scheduled on Stereo for 16mm Prints, and a follow-up on the push-pull systems described at the last SMPTE Conference in Los Angeles.

One of the highlights of the Program, according to French, will be a two-part paper on the new CN tower in Toronto. The tower will be the tallest structure in the world and will house all transmitting activities for the city of Toronto. The first part of the paper will describe the structural details of the tower, plus the facilities. Part two will describe the transmission systems.

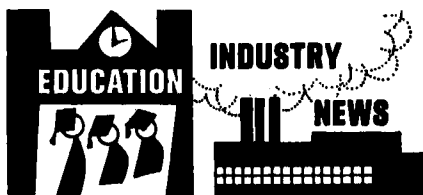
Further program details will be published in the August *Journal*. Though the deadline for submission of papers will have passed by the time this issue is published (the deadline was June 24), Program Chairman French left the door open for any author who has an appropriate paper that may fit in the format of sessions. For information and the necessary forms please write SMPTE Headquarters, Att: 116th Program, or direct to Maurice L. French, c/o Canadian Broadcasting Corp., P.O. Box 500, Station "A," Toronto M5W 1E6, Ontario, Canada.

Additional Activities

Several events are being planned for the entertainment and edification of those attending. On Sunday, Nov. 10, a Wine and Cheese Party is tentatively scheduled. Details will be published later. Monday, Nov. 11, will be the traditional SMPTE Get-Together Luncheon. On Tuesday evening, Nov. 12, there will be a visit to the Ontario Place Cinesphere for the viewing of two IMAX System films, *North of Superior* and *A Place in the Sun*, followed by a cocktail reception presented by Agfa-Gevaert.

On Wednesday evening, Nov. 13, the SMPTE Cocktail Party and Banquet will be held at the Four Seasons Sheraton Hotel. Kodak Canada Ltd. will sponsor the pre-banquet Cocktail Party.

Finally, on Friday, Nov. 15, the AMPPLC will take over one of the session rooms for the showing of Canadian films nominated for awards. In the evening, the Canadian Film Awards Presentation/Dinner will take place.



Academy Awards

Six Academy Awards in the Scientific/Technical categories were presented at the 46th Annual Academy Awards Presentation on 2 April 1974—four Class II Awards and two Class III Awards.

The 1974 Class II Awards (plaques) were presented to:

Joachim Gerb and *Erich Kaestner* of Arnold & Richter Co. for the development and engineering of the Arriflex 35BL motion-picture camera. The camera is engineered to make it compact, lightweight and effectively noiseless. Its low silhouette and even balance provide freedom of oper-

ation in the handheld mode. Its reflex viewing system is especially convenient for the operator. It features dual-pin registration and a four-pin pulldown film transport to produce maximum steadiness of images.

Magna-Tech Electronic Co. for the engineering and development of a high-speed re-recording system for motion-picture production. The system was engineered and developed to modernize and accelerate post-production sound-recording operations. It is capable of handling 3,000-ft loads (30-min program) with new recorders, reproducers and projectors, the operation of which is programmable from a computer. The unique high-speed interlock motors permit running the complete system to programmed start marks or re-winding at 10 times normal speed in the interlock mode.

William W. Valliant of PSC Technology Inc., *Howard F. Ott* of Eastman Kodak Co. and *Gerry Diebold* of Richmark Camera Service Inc. for the development of a

liquid-gate system for motion-picture printers. The liquid gate and its support system when installed in an optical printer minimizes the effect of film scratches and other surface defects. The gate permits operation at variable printer speeds in the forward, reverse or hold-frame mode. The support system controls temperature, rate of flow and pressure of the liquid supplied to the gate.

Harold A. Scheib, *Clifford H. Ellis* and *Roger W. Banks* of Research Products Inc. for the concept and engineering of the Model 2101 optical printer for motion-picture optical effects. This optical printer by its new modular construction and function-controlled stepping-motor drives provides automatic, fast, accurate and dependable operation. It employs unique methods for programming its zoom and skip-frame operations and its fades and dissolves.

The 1974 Class III Awards (Citations) were presented to:

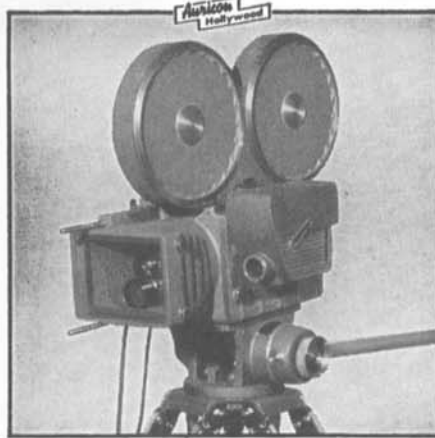
Rosco Laboratories, Inc. for the development of a complete system of light-control

AURICON 16mm Sound-On-Film for Professional Results!



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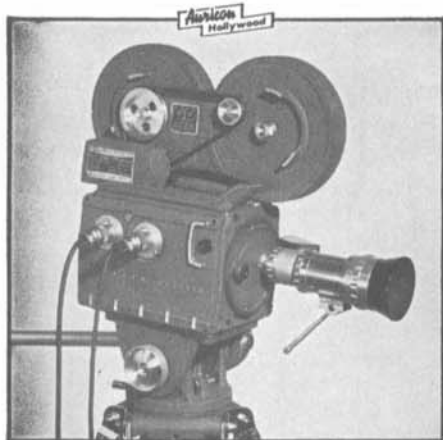
"CINE-VOICE II" 16mm Optical Sound-On-Film Camera.
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 ★ 600 ft. film capacity for 16½ minutes of recording. ★ \$1820.00 (and up) with 30 day money-back guarantee.



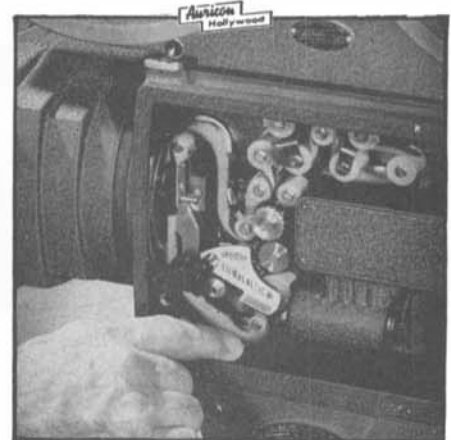
"SUPER 1200" 16mm Optical Sound-On-Film Camera.
 ★ 1200 ft. film capacity for 33 minutes of recording. ★ \$6425.00 (and up) complete for "High-Fidelity" Talking Pictures.



"PRO-600 SPECIAL" 16mm Light-Weight Camera.
 ★ 400 ft. film capacity for 11 minutes of recording. ★ \$1620.00 (and up).



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“The American Film Theatre is designed to correct that. It fills the gap between the small percentage of people privileged enough to live close to Broadway, and the rest of America. It takes great plays that have thrilled theatre-goers for years and presents them to the public.

“And it does it with film.

“From one point of view, The American Film Theatre is a unique kind of film distribution problem. Each play is shown in 500 motion picture theatres across the United States and Canada for only four showings once a month, on a subscription basis. And this attractive package may very well revitalize the American film experience for a lot of people.

“The American Film Theatre is also a unique kind of art. We’ve taken the best of the theatre and transposed it into the best of motion pictures.

“I demanded perfection on every level. From story to the directors, the actors, the production design. And one of my requisites was the use of Eastman film from negatives to release prints.

“When I say perfection, I mean it.”

Ely Landau. President, The American Film Theatre.



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materials for motion-picture photography. The system of photographic filters and reflectors utilizes new plastic technology and dye chemistry to provide rugged and non-fading materials for the photographic control of light transmission, diffusion and reflection.

Richard H. Vetter, of Todd-AO Corp. for the design of an improved anamorphic focusing system for motion-picture photography. The new anamorphic lens system reduces photographic distortion by maintaining a constant squeeze ratio for all object distances regardless of focusing point.



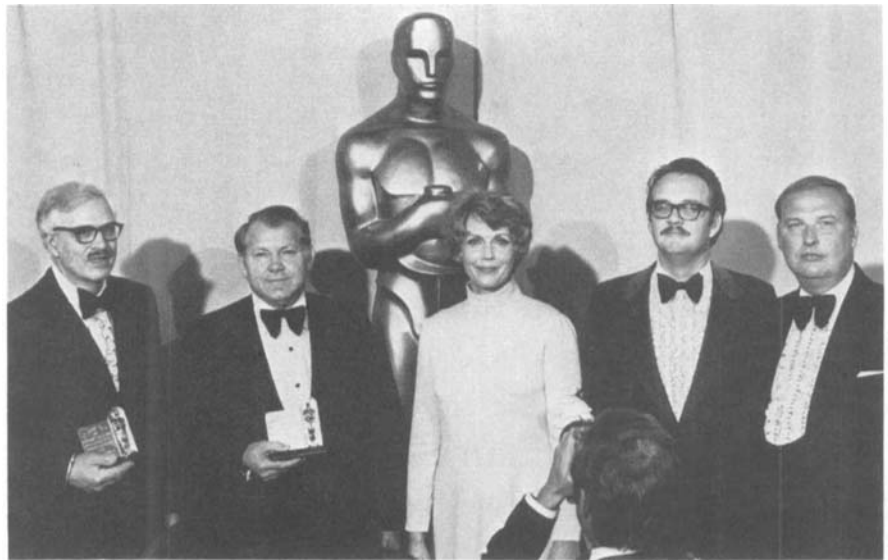
Paul Klingenstein, Arriflex Corp. of America, accepting the Class II Plaque for Joachim Gerb; Actress Elizabeth Allen; Bob Arnold, Arnold & Richter, accepting for Erich Kaestner.



Norman Prisament, Magna-Tech Electronic Co.



Len Kraft and Stan Miller, Rosco Laboratories, Inc., with Elizabeth Allen holding Class III Citation.



Howard Ott, Eastman Kodak Co.; John Huber (accepting for Gerry Diebold), Richmark Camera Service Inc.; William Valliant and H. R. Yarp, both of PSC Technology Inc.



Roger W. Banks, Clifford H. Ellis and Harold A. Scheib, Research Products Inc.

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Scholarship Awards

The Scholarship Committee has selected two recipients of the SMPTE Scholarship (for undergraduate students) and four recipients of the Academy-SMPTE Scholarship (for graduate students) for the 1974-75 academic year, as reported by Herbert E. Farmer, Vice-President for Educational Affairs.

Jerry Covey and Michael Klein are the recipients of the SMPTE Scholarships. Martin Greenfield, Svetlana Hodoley, Pamela Karol and Sheryl Kirschner are the recipients of the Academy-SMPTE Scholarships.

Mr. Covey, born in 1948, is working toward the B.S. degree at the Rochester Institute of Technology. He said that he is "presently interested in several different aspects of photography" and primarily interested in "the application of photography to medicine." He is interested in developing techniques which yield video displays for diagnostic purposes. He is also interested in the field of nonsilver photographic processes.

Mr. Klein, born in 1952, is also interested in doing work in the field of nonsilver halide systems.

Ms. Kirchner, born in 1938, is working toward the Ph.D. degree at the University of Southern California. While a student she hopes to do research in acoustical problems in recording and re-recording. Later, she expects to work professionally in the field of sound in cinema.

Ms. Karol is working toward the M.A. degree at Loyola Marymount University in Los Angeles. Born in 1950, she has been an honor student at Columbia College and a College Board Member on *Mademoiselle Magazine*. She said that she is "terribly excited by the video media" and also hopes to engage in television production. She said that her ambition "is to be in the vanguard of the burgeoning media movement toward creative human communication."

Ms. Hodoley was born in 1945 in Czechoslovakia. She is working toward the M.S. degree in Photographic Science and Instrumentation at Rochester Institute of Technology. Before enrolling in the RIT

“I wouldn't hang around with any other camera.”

ANTON WILSON
cinematographer,
motion-picture equipment
design engineer and
cinematographic columnist

“While I've said many times that ACL is the only camera to use when you're working hand-held, I'd never go this far just to prove the point.

“What I'm doing here is a bit of one-upmanship. Shooting a helicopter patrol film for a major telephone company, I'd been in the cockpit all day, filming a pilot's-eye view of overland cable runs, as we inspected them at up to 60 mph. But I wanted something even more exciting for the film's opening moments.

“On the landing pad, I decided to try capturing the sensation of taking off, climbing to treetop level and speeding away. Without safety equipment, I wasn't surprised when the pilot gave me an argument...but eventually, he started the engine, mumbling something about filmmakers and sanitariums.

“As you can see, a lot more than the film depended on ACL's light weight and one-hand operation. And while I didn't feel like changing magazines —like I did at a rock concert, where I shot over 45 in 13 hours without a hitch— I did get some spectacular footage.

“Afterwards, the pilot told me I was crazy to do it. But he was only partly right. I'd be crazy to do it with any other camera.”

For more information about the remarkable Eclair ACL, please write or call. Eclair Corporation of America, 62 West 45th Street, New York, N.Y. 10036, (212) 869-0490. 7262 Melrose Avenue, Los Angeles, California 90046, (213) 933-7182, Telex: 14-7208.

Master of Science program she worked for more than six years as a chemist and group coordinator involved in various areas in the research and development of photographic materials. Upon attaining the M.S. degree she expects to engage in industrial research involving, primarily, emulsions, developers and other photo-products.

Mr. Greenfield, born in 1953, is working toward the Ph.D. degree at the University of Rochester. His classroom work, other than required courses, has been in the fields of photography, vision and phys-

ical optics. At present he is engaged in an experimental project in vision at Xerox Corp., examining the properties of edge enhancement in the visual system analogous to adjacency effects in photography. The work involves both psychophysical testing and optical-digital spatial processing.

Mr. Greenfield was the recipient for an Academy-SMPTE Scholarship for the 1972-73 academic year (*Journal*, pp. 807, 808, October 1972) when he was working toward the M.S. degree in Optics and an M.B.A. degree in Business Management.

Emmy Awards conferred by the National Academy of Television Arts and Sciences for outstanding achievements in engineering development have been presented to Consolidated Video Systems, Inc., 3300 Edward Ave., Santa Clara, CA 95050; and to RCA Broadcast Systems, Camden, N.J. The award to Consolidated Video Systems was for the application of digital video techniques to the time-base corrector (*Journal*, p. 154, February 1974). The award to RCA Broadcast Systems was for "developing the first videotape cartridge system to automate TV station breaks and broadcasts of other TV program sequences recorded on tape" (*Journal*, p. 336, April 1974).

RCA Corp. was cited by the Academy for "its leading role in the development of the quadruplex videotape cartridge equipment." This is the sixth Emmy that RCA Corp. has won for the best engineering or technical achievement in the field of television. RCA received its first Emmy in 1956 for the development of the tri-color picture tube.

Consolidated Video Systems, which has been in existence only a little over three years, specializes in the digital storage and manipulation of video signals.

A meeting on Optical Fiber Transmission will be held 7-9 January 1975 in Williamsburg, Va., sponsored by the Institute of Electrical and Electronics Engineers and the Optical Society of America in cooperation with the American Ceramic Society. The meeting will be devoted to the new field of low-loss optical fiber transmission and the associated devices and transmission systems. Topics to be treated include fiber materials, design, fabrication and splicing; laser and LED sources; detectors; and systems considerations. The meeting is organized by the Quantum Electronics Council of IEEE, the Lasers and Electrooptics Technical Group of OSA, and the Glass and Basic Science Divisions of ACS. S. E. Miller of Bell Laboratories is Chairman of the Technical Program Committee. Further information is available from Optical Society of America, Optical Fiber Transmission Meeting, 2100 Pennsylvania Ave., N.W., Washington, DC 20037.

The Biological Photographic Assn.'s annual meeting, 26-29 August (*Journal*, p. 324, April 1974) will include four Teaching Forums — Photomicrography and Photomacrography; Ophthalmic Photography for the Non-Ophthalmic Photographer; Comparison of Motion-Picture and Videotape Production; and Photography in the Animal and Natural Sciences. The Program Chairman is Carroll H. Weiss, Camera M.D. Studios, Inc., 122 E. 76 St., New York, NY 10021.

EXPRMNTL 5, The Fifth International Experimental Film Competition, will be held 25 December 1974 to 2 January 1975 at Knokke-Heist, Belgium, it was announced by the Royal Film Archive of Belgium, 23 Ravenstein, B-1000 Brussels. The term "experimental film" will be interpreted as embracing all works created for cinema or television which attempt to regenerate or to extend the film as a medium of cinematographic expression," the announcement stated. The competition is restricted to films not previously shown elsewhere. The films can be 16mm or 35mm and can be sound or silent, according to the rules of the competition. Further information is available from the Royal Film Archive at the address above.

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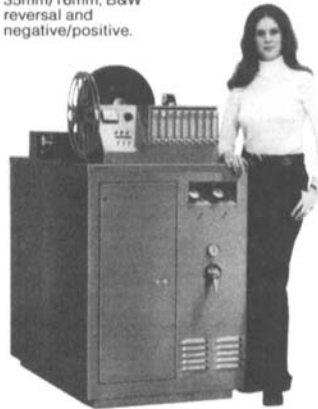
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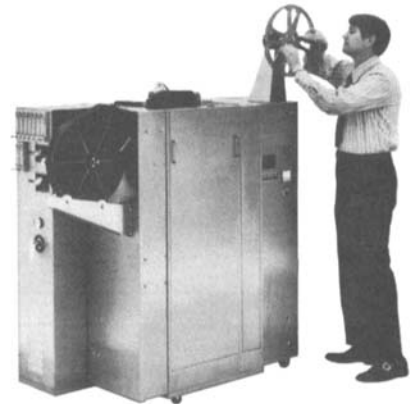
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Conducts standard ME-4 at 20 FPM. Runs 16mm and 8mm interchangeably. Models available for 35mm/16mm, B&W reversal and negative/positive.



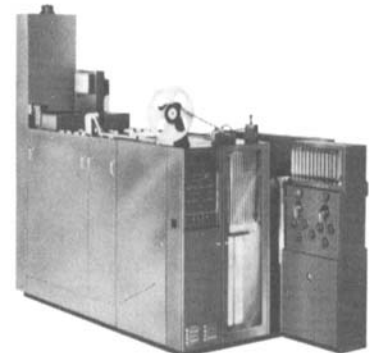
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The Hungarian Optical, Acoustical and Filmmtechnical Society, 1061 Budapest, Anker köz 1, Hungary, has announced the 7th Conference on Scientific and Applied Photography to be held 8-11 April 1975 in Budapest. Topics to be treated include Theory of Photographic Processes; Manufacturing Technology of Photosensitive Materials; Processing and Evaluation of Photosensitive Layers; Storing of Technical, Documentary and X-Ray Picture Materials in the Form of Microfilms; and Copying and Multicopying of Documents by Means of Photographic Materials. The official languages of the conference will be English and Hungarian but papers may also be presented in Russian and German. There will be no simultaneous translation of the papers.

By invitation of the **British Film Institute**, the National Film Theater in London will show a retrospective of the work of Motion-Picture Director Lionel Rogosin 10-14 June; during the following week, 21-25 June, the Cinéma-thèque Française in Paris will present a Rogosin Film Week at the invitation of the film archivist Henri Langlois. Rogosin is one of the great directors whose films made powerful social comments. Highlights of both retrospectives will include *On the Bowery* a film classic that influenced documentary methods and broke through taboos to show the lives of terminal alcoholics and homeless men; *Come Back, Africa*, an expose of apartheid; and *Good Times, Wonderful Times*, a moving anti-war statement.

Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025, has acquired the man-

ufacturing rights, spare parts stocks and tooling for the Worrall gear head, a studio-type tripod head for heavy professional 35mm studio cameras. The announcement was made by Ed Di-Giulio, President, who noted that Cinema Products will provide spare parts and service on a "rapid turn-around basis" both in the United States and abroad.

Continental Camera Systems, Inc., 16800 Roscoe Blvd., Van Nuys, CA 91406, has announced four new agents for its line of 16mm, 35mm, 70mm and videotape helicopter camera mount systems: CineQuip, Toronto, Can.; B.E.A.S. Helicopters, Oxford, England; Arnold & Richter, Munich, Germany; and Airfast Helicopters, Sydney, Australia. Continental now has agents in seven cities in the United States and in five foreign countries. All agents provide complete production facilities including helicopters, cameras, pilots and cameramen.

The Automatic Monitoring Equipment (AME) for television transmitters, developed by Marconi Instruments Ltd., Longacres, St. Albans, Herts, England, from a concept originally proposed in 1970 by the British Broadcasting Corp., has been recognized by the Royal Television Society, in the presentation of the Geoffrey Parr Award. The award is presented annually to honor a notable contribution to television engineering. AME includes a digital data monitor capable of comparing video performance with preselected limits and, if necessary taking executive switching action. The award was presented jointly to Norman W. White of Marconi Instruments and Mr. Shelley of BBC at the Royal

Television Society's Annual Ball. Presentation was made by HRH Prince Philip, Duke of Edinburgh.

W. Carsen Co., 31 Scarsdale Rd., Don Mills, Ont. M3B 2R2, has been appointed Canadian distributor for all products of Magnasync/Moviola Corp. 5539 Riverton Ave., North Hollywood, CA 91601. Carsen also distributes photographic and optical products for such firms as Eumig, Bolex, Olympus and other well-known firms in the photographic and optical fields.

Kollmorgen Corp., 60 Washington St., Hartford, CT 06106, has announced that its Goerz-Inland Systems Div. has been acquired by Contraves-Goerz Corp., a wholly-owned subsidiary of Contraves A.G. of Switzerland. The new company will continue to produce cinetheodolites for missile test ranges and rate tables for testing inertial guidance systems. Much of the basic equipment for the cinetheodolites is manufactured by Contraves A.G.

The E-Cam Company, 5410 Cahuenga Blvd., North Hollywood, CA 91601, has been appointed the exclusive United States distributor for all Eclair cinematographic equipment made in France including the NPR, ACL and CM-3 cameras. Eclair products, introduced by E-Cam at the Equipment Exhibit at the SMPTE's 115th Technical Conference in Los Angeles, include the Beala multiduty crystal-control motor for the ACL camera and an improved 16mm 400-ft film magazine. E-Cam's General Manager is Sam Getzoff.



J-4 "Joy Stick"

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For the *ultimate* in precision zoom control — Cinema Products' Academy Award winning J-4! Its thumb-activated "Joy Stick" zoom control fits comfortably into the palm of your hand. With the J-4 "Joy Stick" you always know in which direction you're zooming, regardless of your hand position. A true servo feedback system provides constant speed through full zoom over a wide speed range, from 1½ seconds through 4½ minutes duration! The exclusive "Joy Stick" control also provides *gradual* start/stop from zero to the preset maximum desired speed. Exceptionally smooth and silent in operation, the J-4 zoom control is ideal for all studio and location filming.

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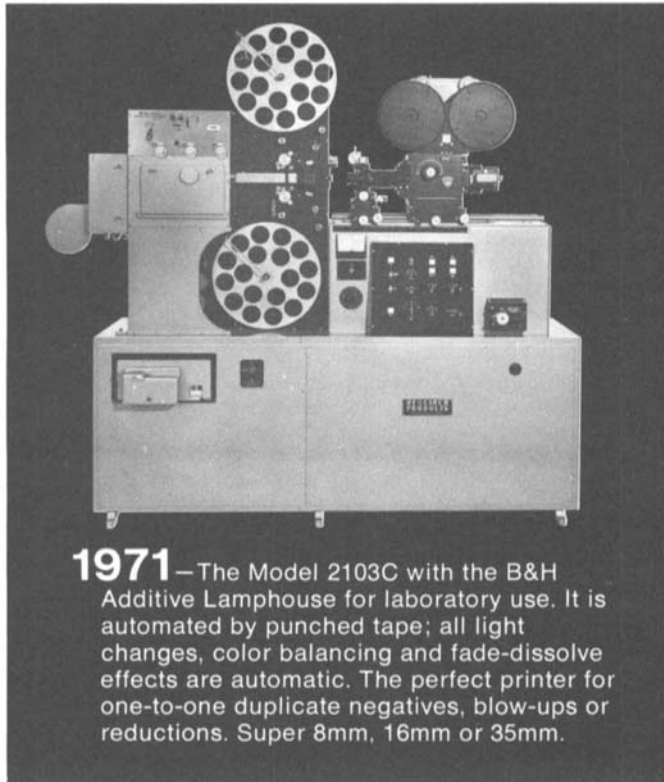
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J-4 Zoom Control brackets and gears are available to fit all zoom lenses and all 35mm and 16mm cameras.

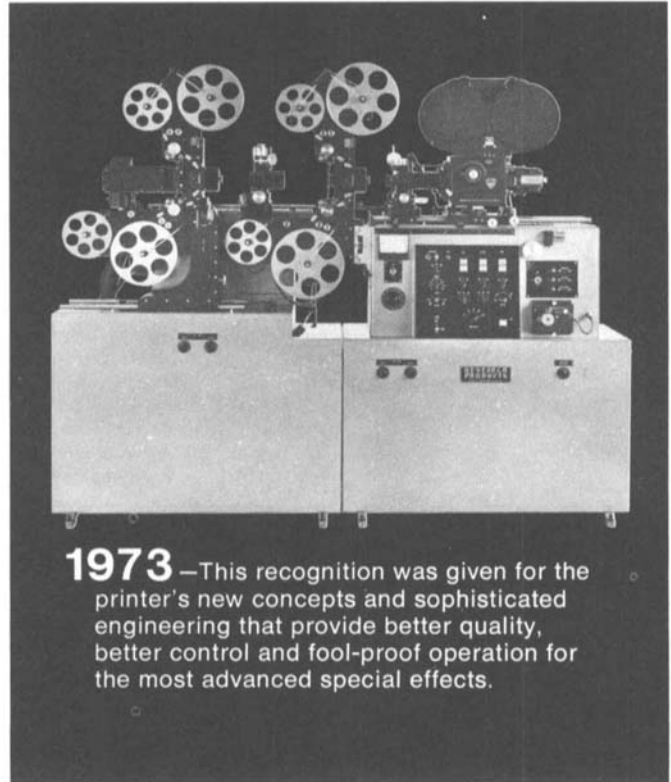


J-4 Zoom Control shown in use with XR35 Studio Camera, Canon K-35 Macrozoom 25-120mm Lens, and 150XR Fluid Head.

2 Academy Award Winning Optical Printers



1971—The Model 2103C with the B&H Additive Lamphouse for laboratory use. It is automated by punched tape; all light changes, color balancing and fade-dissolve effects are automatic. The perfect printer for one-to-one duplicate negatives, blow-ups or reductions. Super 8mm, 16mm or 35mm.



1973—This recognition was given for the printer's new concepts and sophisticated engineering that provide better quality, better control and fool-proof operation for the most advanced special effects.

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July 1974 Journal of the SMPTE Volume 83

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Eclair International was founded before the turn of the century in Paris and in 1907 began the manufacture of cinema equipment. It introduced its first professional motion-picture camera in 1920, a 35mm camera called the Camerclair.

TeleMation, Inc., P.O. Box 15068, Salt Lake City, UT 84115, has announced the opening of a new branch office in Beirut, Lebanon, called TeleMation Middle East, Inc. The new subsidiary will work closely with TeleMation's London office, the announcement stated. The firm owns and operates 20 sales/service offices in the United States and foreign offices in Mexico City, Mexico; Sao Paulo and Rio de Janeiro, Brazil; London, England; Lima, Peru; Bogota, Columbia; and the new office in Beirut.

A handbook of terminology, definitions and units of measure in educational technology is being developed by the Association for Educational Communications and Technology, 1201 Sixteenth St., N.W., Washington, DC 20036, under terms of an agreement with the National Center for Educational Statistics, U.S. Office of Education. Designated Project Datum-Et, the handbook is based on the assumption that educational technology is more than hardware and software. Rather, it is the process "whereby learning resources are planned, produced, utilized and evaluated," the announcement stated. During its development the handbook will be reviewed by a national advisory group consisting of representatives of 19 major organizations related to the instructional process. It will also be reviewed at each of the 10 USOE offices by more representatives of the national advisory group and other interested parties. A letter accompanying the release expressed the hope of actively involving members of the SMPTE "in the review of the handbook at a series of meetings which will be held next fall in the 10 USOE regional offices."

The TV-Film Filebook, Winter 1973, published at 2533 Gerrard St. East, Scarborough, Ont., Can., is available at a price of \$4.00 each or \$10.00 for three copies, it was announced by the Editor, Arthur C. Benson. In addition to lists of sources for equipment and services, the *Filebook* contains lists of government film offices including addresses and names of key personnel, complete information on cable television systems, representatives of television stations, British television stations, marketing research bureaus, unions and guilds, and a number of other categories of useful information relating to television and motion pictures.

The American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018, has announced publication of the 1974 *Catalog of American National Standards and International Standards*. More than 5600 American National Standards and more than 3000 international standards and recommendations are listed in the 176-page catalog. The catalog also lists special ANSI publications of interest to those working in the field of standardization. They deal with the standards aspects of such subjects as metric conversion, consumer affairs and occupational safety and health.

Harold Eady, Vice-President and General Manager of Bonded Services International, 205 Richmond St., W., Toronto, Ont., Can., was elected President of the 100-member Assn. of Motion Picture Producers and Laboratories at

its 26th annual meeting held 10 May in Toronto. He succeeds Henry Michaud of SDA Productions Ltée, Montreal. Gunter Henning of Western Films Ltd., Winnipeg, was elected Vice-President.

Other directors elected were: Mr. Michaud (the outgoing President); James Gratton, Gratton Productions Ltd., Montreal; Ron Hastings, Ron Hastings Communications Ltd., Toronto; Peter Holledge, Advertel Productions Ltd., Toronto; Eric Jensen, Chinook Film Productions Ltd., Calgary; C. Lynn Meek, Modern Talking Picture Service Inc., Toronto; Findlay J. Quinn, Quinn Laboratories Ltd., Toronto; and Ralph Umbarger, Alpha Cine Services Ltd., Vancouver. Steve Cook, Braun Electric Canada Ltd., Malton, Ont., was elected member ex officio to represent the associate members.

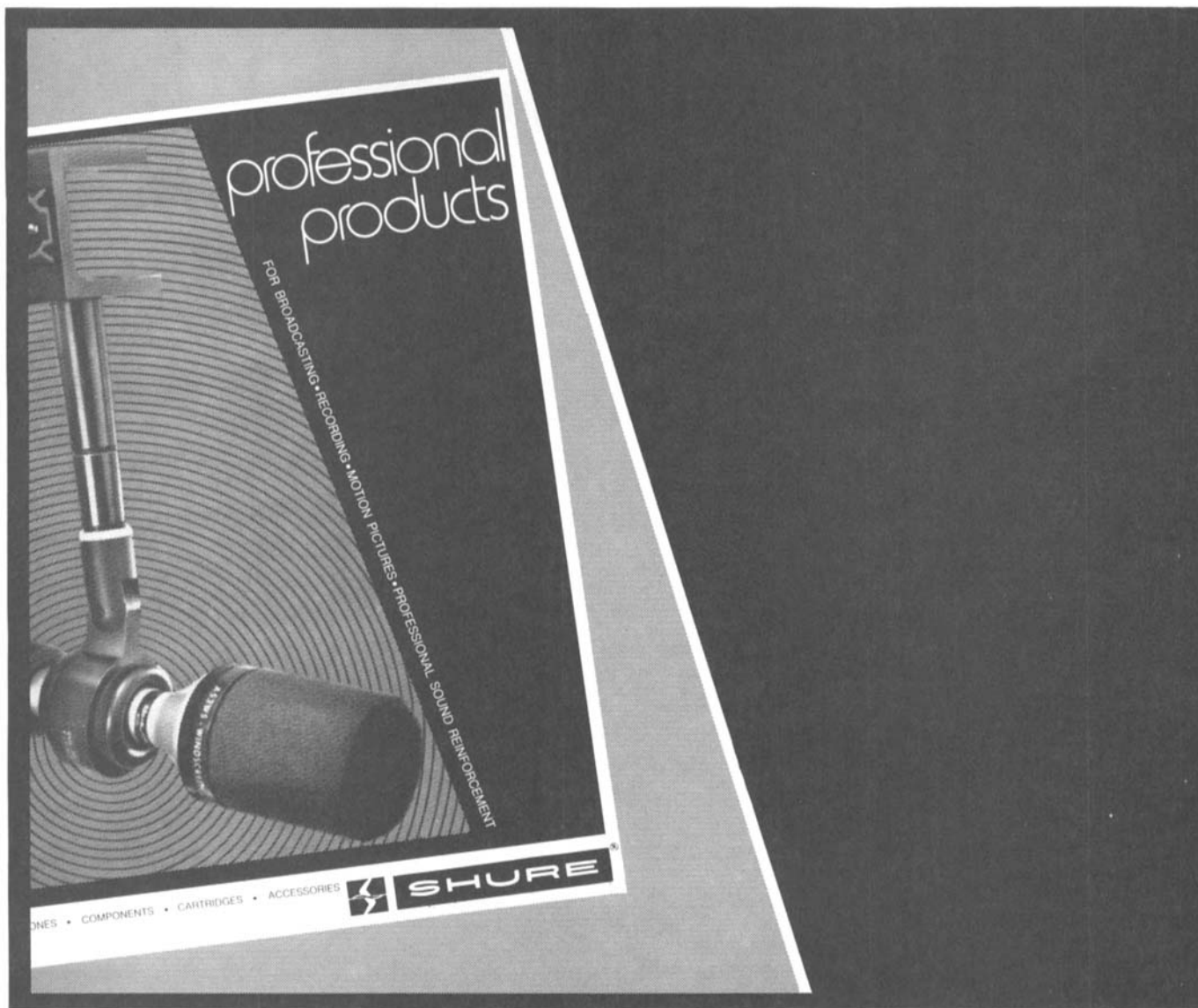
Among other matters decided upon at the meeting, increased representations are to be made during the coming year to persuade the Canadian Government to permit federal departments to shop on the open market for their motion-picture requirements, a privilege now denied by the Film Act.

Headquarters of the Association are at Suite 512, 55 York St., Toronto, Ont. M5J 1S2, Can.

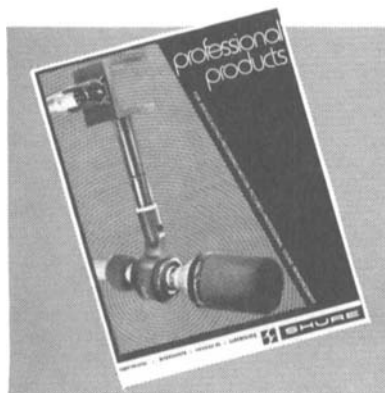
William E. Glenn, Vice-President and Director of Research for CBS Laboratories, High Ridge Rd., Stamford, CT 06905, has been awarded the Kosar Memorial Award by the Soc. of Photographic Scientists and Engineers for his invention and development of the Thermoplastic Recording System. The Kosar Memorial Award was established by the New York Chapter of the SPSE in 1967 in tribute to the late Jaromir Kosar to recognize significant contributions to the field of unconventional photographic processes. The Thermoplastic Recording System is an early form of electron beam recording in which CBS Laboratories is currently engaged in state-of-the-art development. It was the first system to record a color picture with an electron beam using a special type of film which did not require developing and was capable of being reused. Reports on the system appear in the September 1962, August 1965 and September 1970 issues of the *Journal*.

Roy Login has been appointed Assistant General Manager for Rank Film Laboratories Ltd., Denham, Uxbridge, Middlesex UB9 5HQ, England, it was announced by Raymond Dufield, Managing Director. Mr. Login, who has been representing the company's interests in Rome continues to retain a responsibility for Technospes S.p.A., Rank's Italian associate laboratory (*Journal*, p. 116, February 1973), of which Mr. Login is a Director. In his new post Mr. Login will be responsible to Jack F. Berner, General Manager, for the day-to-day operation of the Laboratories' three principal plants which are in Denham, North Acton and Birmingham.

James D. Caron has been appointed Vice-President, Laboratory Operations, for Western Cine, 312 South Pearl St., Denver, CO 80209, it was announced by John Newell, President. Mr. Caron was formerly Vice-President and General Manager of Capitol Film Labs in Miami. He was also a director of the Florida Cine Center and the Florida Motion Picture Producers Assn. He is presently Secretary of the Assn. of Cinema Laboratories.



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