

472-6606; or get in touch with Program Chairman **Fred J. Scobey**, DeLuxe General, Inc., 1546 N. Argyle Ave., Hollywood, CA 90028 (213) 462-6171.

## Equipment Exhibit

Plans are now being made for the 115th Conference Equipment Exhibit. **Warren Strang**, Hollywood Film Co., has been appointed Exhibit Chairman. Strang's experience and expertise in this position practically guarantees that this exhibit will be a major success. Strang has held the Exhibit Chairmanship at every Los Angeles Conference since 1965 (seven in all including this one), and every one was a success in terms of the number of companies exhibiting (almost every Los Angeles show is a sellout) and the number of those attending. Expectations for the 115th Conference Exhibit are high. According to



**Warren Strang**  
Exhibit Chairman

Strang, information and order forms will be available in late January

## New Sustaining Members

**Belden Communications, Inc.**, P. O. Box 92, Radio City Station, New York, NY 10019 (212)889-9432

Belden started doing business out of the need for more sophisticated video and film equipment in the United States. The firm specializes in importing all types of film and video equipment into this country. One of our main products is from Aaton-Beauviala of France, from which the new Aaton 7 camera and Alcan 54 motor for the Eclair NPR comes. We also offer many new types of accessories that are compatible with existing film and video equipment. We have equipment for the super 8, 16mm, and 35mm filmmaker.

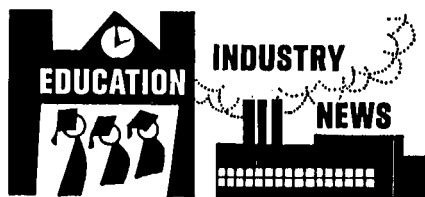
Address inquiries to: Michael Sheppard, President, at the above address.

**Mead Technology Laboratories**, 3481 Dayton-Xenia Rd., Dayton, OH 45432 (513)426-3111

Mead Technology Laboratories, a subsidiary of the Mead Corp., is a major source of systems and technology for automated solution management of chemical processes in the photographic processing industry. The company's emphasis on cost effective, automatic total systems that meet the specific needs of the photographic processing industry has

made the organization a recognized leader in its field. Mead Technology Laboratories offers a broad spectrum of hardware, technology, and engineering expertise designed to increase quality, profits, and production efficiency. The company's capabilities are applicable to any size operation — from upgrading, designing, and/or equipping a small motion-picture processing laboratory to supplying technological expertise for precision photographic processing in the Gemini and Apollo programs at the manned spacecraft center in Houston, TX. Hardware and technology offered by Mead Technology Laboratories include the capability to design and/or produce components and systems for the proprietary LNP Process Controller to Total Solution Management Systems for photographic processing solutions. The same emphasis on automation, cost effective management, and pollution abatement in motion-picture processing is reflected in the organization's photographic instrumentation and equipment which includes precision sensitometers and densitometers. Utilizing its extensive background in process control, photographic science, and photometry, Mead Technology Laboratories adds a valuable management discipline in solution processes so necessary for effective, quality oriented, and profitable photographic processing.

Address inquiries to: Solution Management Systems Group, at the above address.



To reduce energy consumption, Consolidated Film Industries, 959 Seward St., Hollywood, CA 90038, has taken action as requested by the Motion Picture Energy Conservation Committee to effect new procedures and schedules, according to a recent announcement. The changes do not affect delivery schedules and services and have been planned to cause as little disturbance as possible to employees in the laboratory. Before putting any changes in effect, each department was examined with the goal of pinpointing slow periods and possibilities of shift realignments. As a result, a plan was devised whereby entire departments could be shut down for a given period of time without loss of service to the customer, thus allowing more efficient use of energy and of the actual time of operation and eliminating periods of slack where the ratio of energy use to production is not favorable.

Film '75 will be held 23-27 June 1975 at the Royal Lancaster Hotel in London, England, it was announced by the British Kinematograph, Sound and Television Soc., 110-112 Victoria House, Vernon Pl., London WC1B 4DJ, England. Chairman of Film '75 is Dennis Kimbley, Sales Manager of Kodak Motion Picture Div. Film '73, held in London in June 1973, was attended by more than 1,000 delegates from 35 countries. (A complete report on Film '73 by Gerald G. Graham appears in the October 1973 issue of the *Journal*.)

The American Film Institute, administering funds provided by the Louis B. Mayer Foundation, has commissioned 13 new research projects to enlarge and strengthen the body of American film history, it has been announced by AFI Director George Stevens, Jr. The projects, totaling \$18,000 were awarded by the AFI's Film History Advisory Committee in the second round of a second three-year grant of \$150,000 from the Mayer Foundation.

Under this round of grants, David Chierichetti will conduct an oral history with director George Seaton; Steve Cohen with cinematographer Norman O. Dawn; and Steven Greenberg with director Ruben Mamoulian. Joel Greenberg will conduct an oral history with director William Wellman; Alain Silver will interview di-

rector Henry King; and Eric Sherman will conduct oral histories with screenwriters Abraham Polonsky and Howard Koch.

The Committee allocated a number of research grants: to Aubrey Solomon to investigate the corporate history of 20th Century-Fox Studios and Ronald Mottram to expand his studies on the early years of sound. Joe McBride will conduct a series of oral history interviews in a project entitled *The Collaborators of John Ford*.

Professor Arthur Lennig will continue work on a definitive study of D. W. Griffith's *Intolerance*; Paul Mandell will interview cinematographer David Stanley Horsley. Professor William Greenleaf of the University of New Hampshire will receive a grant to continue a history of the Motion Picture Patents Company.

Headquarters of the American Film Institute are at The John F. Kennedy Center for the Performing Arts, Washington, DC 20566.

The Society of Photographic Scientists and Engineers, 1330 Massachusetts Ave., N.W., Washington, DC 20005, will hold its 27th Annual Conference 28 April-3 May in Boston. A wide range of subjects of particular relevance to photographic scientists and engineers will be covered in the papers program. Among special interest presentations will be the technical details of the

# Eclair. When you're filming at the outer limits.

Colorado Outward Bound offers one of the world's most rugged courses in wilderness experience and mountain climbing. Its basic philosophy: to take a person beyond his imagined physical and emotional limits.

With that in mind, a group of adventurous filmmakers set out to document the physical and emotional development in a diverse group of young people, from their initial training at Outward Bound's Red Cloud base camp in Colorado to the summit of 18,700 foot Santa Rosa in Peru. The result: Journey to the Outer Limits—an hour-long special produced by the National Geographic Society in association with Wolper Productions, aired on ABC.

If the film's subjects tested their outer limits, no less can be said of the production crew. Over 70,000 feet of color film raced rock-steady, through the gates of their Eclair cameras without a single 'jam.' Shot from the most precarious angles, where the only 'foothold' was a single rope, anchored to sheer rock above. And the only link between cameraman and assistant, a rope that bounced and bumped

from outcropping to outcropping.

Swinging to and fro in the thin mountain air, below difficult overhangs; treading gingerly across frail rope bridges; and clambering from piton to piton, cameramen Mike Hoover, Charles Groesbeck, Tom Frost and Rick Robertson literally 'risked it all' to provide Journey's dramatic on-the-mountain 'takes.' Rapelling and traversing to get 'camera's-eye' views whose authenticity can best be appreciated by experienced climbers, the team credited ACL's light weight, natural balance and steady, one-hand operation as an important factor in their success.

High marks were also given ACL's large, bright viewfinder, quick-change magazines and "human-engineered" design by Associate Producer Peter Brown who wrapped it all up by saying "When you're fighting the mountains, the elements and the unforeseen—holding your breath as much from how you're filming as what you're filming—the last thing you want to think about is camera problems!" Which is a good thing to think about when you're buying a camera, as well.

For more information about Eclair cameras, and how they can expand the outer limits of your creativity, please write Mr. Eric Falkenberg, Eclair Corporation of America, 62 West 45th Street, New York 10036 (212) 869-0490, 7262 Melrose Avenue, Los Angeles, California 90046 (213) 933-7182 Telex: 14-7208

**eclair corporation of america**



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Polaroid SX-70 and recent advances in the field of in-water photography. Other papers will cover photographic pollutants and the present methods of elimination. The conference will also be well represented by scientists in the more basic fields of emulsion research, sensitization, processing and image evaluation and by engineers in the mechanics of processing, micro-electronic photofabrication, underwater photography and chemical recovery systems.

**Color: Theory and Imaging Systems**, a tutorial seminar will be conducted by the Society of Photographic Scientists and Engineers, in cooperation with its Chicago Chapter, 16 March at the Sheraton O'Hare Hotel in Chicago. The meeting is designed to aid laboratory technicians in understanding the color photographic process. The program will cover the fundamentals of color measurement, densitometry and sensitometry from the user's viewpoint. The basics of color development and color processing will be explained with an emphasis on bleaching systems. Silver halide color photographic materials and quality procedures will be discussed. Further information is available from Raymond A. Eynard, SPSE Public Relations Vice-President, P.O. Box 2001, Teterboro, NJ 07608.

**Photoconductor Imaging Technology Theory and Practice**, a symposium, will be held by the Society of Photographic Scientists and Engineers 21-24 July at the Holiday Inn in North Randall, Ohio, a suburb of Cleveland. Sessions are planned to cover organic and inorganic photoconductor preparation, evaluation and uses, theory of photoconductivity, physical measurements, donor-acceptor interactions and spectroscopic studies. Further information is available from Raymond A. Eynard, SPSE Public Relations Vice-President, P.O. Box 2001, Teterboro, N.J. 07608.

**The Eighth International Quantum Electronics Conference** will be held 10-13 June at the new Hyatt Regency Hotel in San Francisco under the joint sponsorship of the American Institute of Physics and the Institute of Electrical and Electronics Engineers through the Joint Council on Quantum Electronics. As in previous IQE Conferences (held in Paris, Phoenix, Miami, Kyoto and Montreal) the Eighth Conference will provide a forum for presentation and discussion of new physics of quantum electronics, principles of novel lasers and optical devices, and related scientific applications. The program will consist of invited and contributed papers and will also include films relating to lasers and optical research.

The Conference Chairman is Boris P. Stoicheff, of the Department of Physics, University of Toronto. The Technical Program Chairman is Joseph A. Giordmaine, of Bell Telephone Labs, Murray Hill, N.J., and the Film Manager is Michel A. Duguay, also of Bell Telephone Labs. Further information is available from Publicity Chairman Malcolm L. Stitch, 18112 Coastline Dr., Malibu, CA 90265.

**The Standards for Environmental Improvement Conference**, sponsored by the

American National Standards Institute and cosponsored by the American Society for Testing and Materials and the American Society of Mechanical Engineers in cooperation with other leading standards developing organizations will be held 20-21 February at the Marriott Twin Bridges Motel in Washington, D.C. The decision to hold the conference stemmed from concern within the sponsoring groups about the Environmental Protection Administration's failure to make full use of the private sector's background, experience and technical expertise in developing standards for environmental improvement. Goals of the conference are (1) to present evidence of the need for sound standards in the fields of air and water quality and solid waste disposal; (2) to make conference participants aware of the common environmental goals of government and the rest of society; (3) to create a consensus in favor of standards development through the voluntary standards system; and (4) to demonstrate that the voluntary system of standards development is ready, willing and able to produce the needed standards within reasonable time requirements.

**The American Society of Cinematographers** gave a three-projector film demonstration of the basic elements of color photography at a dinner meeting held 26 November. The demonstration was supervised by Sidney P. Solow, President of Consolidated Film Industries, who accompanied the demonstration with an explanation of the principles of color image formation in motion-picture photography. Highlighting the meeting was the presentation of ASC 25-year-membership gold cards to Mr. Solow, Lloyd Ahern, Joseph Biroc, Mark Armstead and Loren Ryder.

**Presentation Systems for Film and Television** is a new course offered by the University of Southern California's Div. of Cinema in cooperation with the SMPTE. It is intended to acquaint those engaged in the fields of film and television with techniques being developed as well as with techniques now being used. The announcement of the course notes that technologies presently available for the display of recorded images and for the reproduction of sound are opening many new avenues of presentation. Classes will be held Wednesday evenings beginning 6 February and continuing through 29 May. Further information is available from the University of Southern California, Div. of Cinema, University Park, Los Angeles, CA 90007.

**Instant Photoinstrumentation**, an intensive one-day course covering the latest techniques of recording scientific data for immediate analysis, will be conducted by William G. Hyzer, it was announced by Photo Data Institute, Box 1487, Janesville, WI 53545. The course will be held at Cherry Hill, N.J. on 26 February; Atlanta, Ga., 18 March; Dayton, O., 21 March; Los Angeles, 2 April; and Dallas, 4 April. The course is intended for scientists, engineers and qualified technicians. Particular emphasis is given to the demonstration of instruments and equipment having practical application in science and industry.

**Science Meets Art: The World of Photography**, a 50-minute multimedia program designed to interest junior and high-school students in cinematography as a career or a hobby is being shown in schools throughout the country by the producer, Rick Trow Productions of Philadelphia. The program is sponsored by Eastman Kodak Co. The first part of the program consists of a 30-min media anthology with filmclips taken from some 50 different sources. The second part consists of student participation with four student volunteers playing parts in a comedy and the fifth operating a handheld 16mm camera. The film is then processed by the production company and, with music and a soundtrack added, it is then shown to the audience.

**The Journal für Signalaufzeichnungsmaterialien** (*Journal of Signal Materials*) is a new journal published in the German Democratic Republic "to close a gap that had affected so far the literature available on the subject in the socialist countries," the announcement stated. The announcement of the new journal was made available to the *Journal* by John G. McKnight, Engineering Vice-President of Magnetic Reference Laboratory, 999 Commercial St., Palo Alto, CA 94303, who also supplied a translation of the portion of the announcement that was in the German language.

The new journal will contain papers in German, Russian and English on signal recording materials and will be devoted to problems of theory and application in the fields of research photography as well as magnetic and other signal recording materials. There will be six issues a year, each issue containing some 80 pages and with illustrations. *The Journal of Signal Materials* can be obtained from Deutscher Buch-Export und -Import DDR, 701 Leipzig, Postschliesfach 160, or from the Akademie-Verlag, DDR, 108 Berlin, at a price of 15 marks a copy.

The Editor-in-Chief is Prof. Dr. Klaus Stopperka, 45 Dessau-Haidburg, Ginsterweg 30, GDR. Among the general subjects on which contributions will be accepted are: Fundamentals of Information Theory; Non-Silver Halide Materials; Magnetic Recording Materials; Manufacturing and Processing Techniques; and Special Systems (including microfilm, audio-visual systems and other special developments in related fields).

**Technological Innovations in Video and Their Potential Market, Institutional and Consumer Impacts** is a report based on a study by the Denver Research Institute of the University of Denver, Denver, CO 80210, for the Office of Telecommunications of the U.S. Department of Commerce. A limited number of copies of summary conclusions from the report are available from the Policy Support Div., U.S. Dept. of Commerce, Office of Telecommunications, Boulder, CO 80302. Copies of the report will be available from the National Technical Information Service, U.S. Dept. of Commerce, 5285 Port Royal Rd., Springfield, VA 22151. The report provides a critical review of technological developments, market projections and related institutional and regulatory considerations.

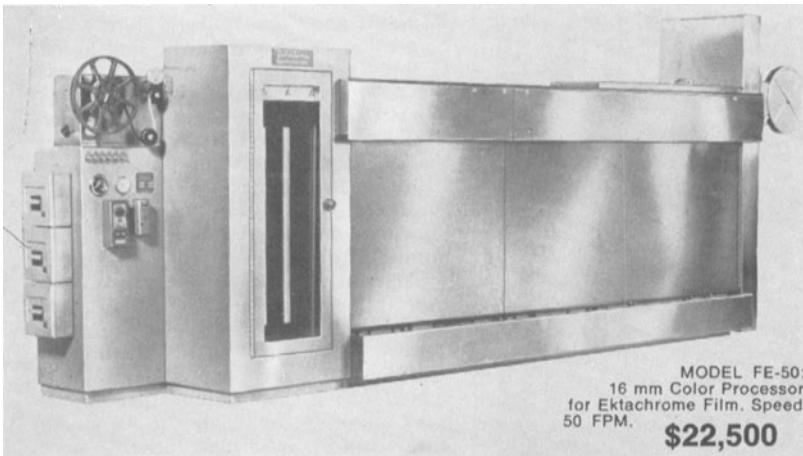
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● **"FILMLINE OVERDRIVE FILM TRANSPORT SYSTEM"**

This marvel of engineering completely eliminates film breakage, pulled perforations, scratches and operator error. The film can be deliberately stalled in the machine without film breakage or significant change of film footage in solutions. The heart of any film processor is the drive system. No other film drive system such as sprocket drive, bottom drive or simple clutch drives with floating lower assemblies can give you the performance capability of the unique Filmline Overdrive Film Transport System.

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FE-50 models as standard equipment. Don't settle for less!

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● **"TURBO-FLOW"** impingement dryer. Shortens dry-to-dry time, improves film results, and carefully controls humidity content of your valuable (and sometimes rare) originals. Immediate projection capability is assured because the film dries flat without the usual curl associated with other film processors.

● **"ZERO DOWN TIME"** The reputation of any film processor is only as good as its reliability. The

combination of the exclusive and special added Filmline features guarantees trouble-free operation with absolute minimum down-time and without continual operator adjustments. Recapture your original investment in 2 years on maintenance savings alone. Filmline's "Push the button and walk-away processing" allows inexperienced operators to turn out highest quality film.

● **"MATERIALS, CONSTRUCTION AND DESIGN"** All Filmline machines are constructed entirely of metal and tanks are type 316 stainless steel, heliarc welded to government specifications. The finest components available are used and rigid quality control standards are maintained.

Compare Filmline features to other processors costing more money. Feature-by-feature, a careful evaluation will convince you that Filmline offers you more for your investment.

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Partial listing of Filmline Color Installations: — NBC- New York, NBC- Washington, NBC- Cleveland, NBC- Chicago, CBS & ABC Networks, Eastman Kodak, Rochester.

Laboratories: De Luxe Labs, General Film Labs (Hollywood), Pathe-Labs, Precision Labs, Mecca Labs, Color Service Co., Capital Film Labs, Byron Film Labs, MGM, Movie Lab, Lab-TV, Technical Film Labs, Telecolor Film Labs, Guffanti Film Labs, A-One Labs, All-service Labs, NASA Cape Kennedy, Ford Motion Picture Labs.

TV Stations: WAPI-TV, WHP-TV, WMAL-TV, WXYZ-TV, WWL-TV, WMAR-TV, WJXT-TV, KETV-TV, WTOP-TV, WEAT-TV, WCKT-TV, WAVE-TV, WAVY-TV, KTVI-TV, WCPQ-TV, KTAR-TV, WSYR-TV.



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Of the 36 categories of video innovations discussed, five with possible policy impact in the broadcast, cable TV and general home entertainment fields are analyzed in detail — they are video recording and playback, home terminals, high selectivity television, still picture transmission, and high resolution television. Although the report does not discuss policy, it identifies potential problem areas such as compatibility of cable TV and broadcast receivers, competition vs monopoly control of terminal devices in cable, and copyright.

The report notes that there is great technical diversity of video recording and playback techniques with tape and disc systems, each having several varied technical approaches and storage media rang-

ing from magnetic tape to plastic discs to new types of film. The report predicts, however, that "There probably is room for several different types of systems on the market. Low cost discs may dominate the prerecorded market but tape systems, providing both record and playback capability, will attract some consumers and these buyers will also want prerecorded tapes. Therefore, it does not appear to be a question of disc vs tape, but rather which discs and which tapes."

The Institute of Electrical and Electronics Engineers (IEEE), 345 E. 47 St., New York, NY 10017, will be the exclusive distributor in the Americas for *Physics Abstracts* and *Current Papers in Physics*, it-

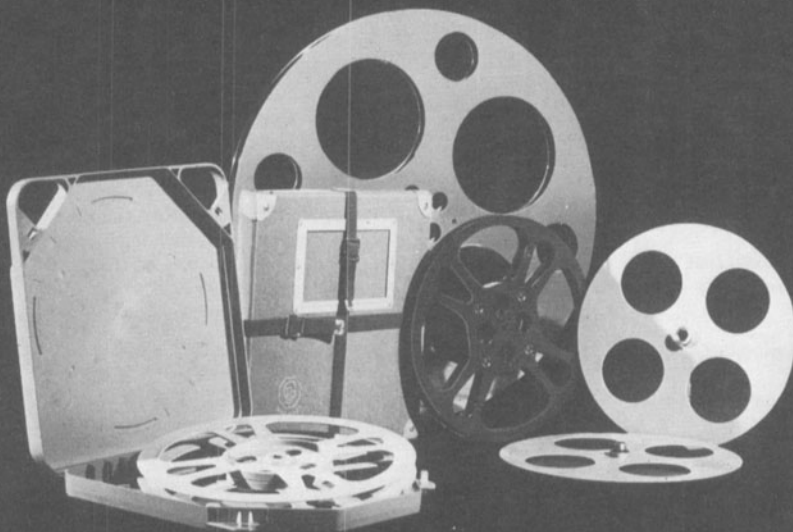
was recently announced. The journals were formerly distributed by the American Institute of Physics under terms of an agreement with Inspec. IEEE will continue to distribute Inspec publications, *Electrical and Electronics Abstracts*, *Computer and Control Abstracts*, *Current Papers in Electrical and Electronics Engineering* and *Current Papers on Computers and Control*.

IEEE will also distribute two new Inspec current-awareness journals, *ISMEC Bulletin* (mechanical engineering, production engineering and engineering management) and *METRON* (measurement, instrumentation, sensors, automation and control) containing information reviews in abstract form and extended current titles coverage of the latest literature.

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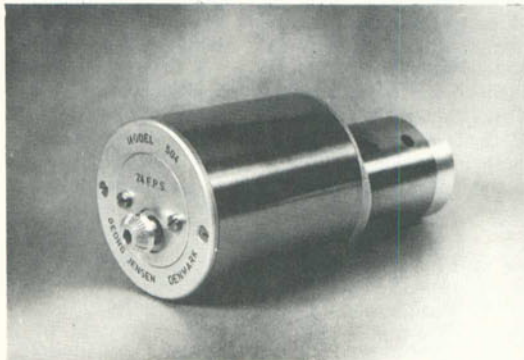
**Richness and Complexity**, a 28-min Eastman color film made for the Foreign and Commonwealth Office in Great Britain was awarded First Prize in Category G of the 14th International Industrial Film Festival held in Paris 6-10 November under the auspices of the Council of European Industrial Federations (CEIF). Category G covered "films on scientific research and principles with an industrial application primarily for specialized audiences . . ."

The film, a production of the Central Office of Information, Hercules Rd., London SE1 7DU, was designed to introduce to overseas audiences some of the projects, disciplines and aims of the United Kingdom Research Councils and their interrelated objectives in striving to extend the boundaries of knowledge. Leading scientists in high energy physics, medicine, agriculture, oceanography and astronomy took part. They discussed their current work and how they envisaged its future extension.

**A carnet**, a document issued by the U.S. Council of the International Chamber of Commerce to allow business or professional people to take commercial samples or professional equipment into foreign countries with a minimum of red tape, has relieved film crews traveling abroad with their equipment from tedious customs procedures overseas. Under the carnet program it is possible for a business man or technician to make customs arrangements in advance and at a predetermined cost for all countries to be visited even before setting foot outside the United States. A carnet can be secured by mail if the application is received two weeks prior to departure. Customs inspection of the goods covered by the carnet is made at the point of departure whether the goods are carried by hand or shipped. Carnet-covered goods during 1973 have included such professional equipment as TV broadcast cameras, motion-picture equipment, musical instruments for rock groups and aircraft equipment. Countries participating in the international carnet system include most of those in Western Europe and a number of socialist countries. The United States became a member in October 1969.

**Vid-Com Ltd.**, 1 High St., Auckland 1, New Zealand, a newly formed videotape-film production and distribution company, is one of the two independent production facilities in the world directly linked to an

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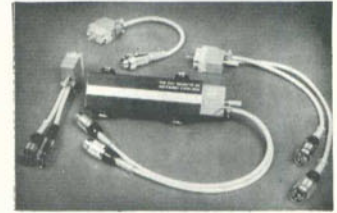
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earth satellite station. It has unlimited use of the New Zealand Post Office's Rank-Cintel color standards converter and can offer two-way PAL/NTSC color conversions for the Australian, New Zealand, South Pacific and South East Asian markets in addition to two-way satellite service. The firm's primary equipment includes three Ampex 1200C videotape recorders with Editec, and the HS100 videodisc recorder; Grass Valley 1600 series video mixer with all options; Fernseh studio and handheld cameras and the 35mm color flying spot scanner; and IVC studio cameras, telecine, 961P helical broadcast videotape recorders; the 700 series videotape recorders and the videocassette duplication system. Vid-Com will provide its Travel-Vision in-hotel system to more than 300 inns and hotels in Australia and New Zealand; one of its first satellite transmissions will be a daily summary of the British Commonwealth games to the Australian commercial networks for Via-com International.

**Rohde & Schwarz**, which celebrated the 40th anniversary of its founding in Munich, Germany, in November is still owned by the founders, Lothar Rohde and Hermann Schwarz. The firm now offers a range of equipments encompassing some 1,000 different types of electronic measuring instruments and telecommunications systems. When the firm was founded in 1933, the staff consisted of the founders and one mechanic. At present there are 4,500 employees in the various branches of

the firm. The firm is represented in the United States by Rohde & Schwarz Sales Co., 111 Lexington Ave., Passaic, NJ 07055. Among the developments of the firm are the first portable crystal clock (1938) and the first VHF broadcast transmitter produced in Germany (1949).

**R. W. Rodgers & Associates**, P.O. Box 46146, Los Angeles, CA 90046, is a new firm, founded by Richard W. Rodgers. The firm offers broadcast systems design consulting services as well as project management services for the construction or updating of radio, television and recording studio facilities. Since its founding the firm has had design responsibility for five studios for the CBS Television Network, for Broadcast House in Jerusalem, Israel, and for Broadcasting Centre, Johannesburg, South Africa.

**A reorganization of Philips Broadcast Equipment Corp.** to strengthen the company's position in the broadcast and commercial audio-video markets has been announced by H. J. Hartong, Jr., Vice-President of North American Philips Corp.; under the new organization Mr. Hartong will also be Acting President of Philips Broadcast. Reporting to him will be John S. Auld who will be President of the Broadcast Television Equipment Div.; Richard E. Muller, who is head of the Government Systems Div. and Vice-President of Philips Broadcast operations; and Michael Cooney, Vice-President of Finance and Administration. A new division

for marketing commercial audio-video products will be formed comprising closed-circuit systems, videocassette recorders and sound equipment. The products of North American Philips Training and Education Div. in Morristown, N.J., will also be integrated into this group. Mr. Hartong will be head of the new division for an interim period until the position is filled.

**A system leading to three-dimensional color TV programs and movies** is under development by Hitachi Ltd., New Marunouchi Bldg., 5-1, 1-chome Marunouchi, Chiyoda-ku, Tokyo 100, Japan. The system can store and reproduce multi-color 3-D images in the form of high-storage density holograms. An experimental model has been exhibited in Tokyo. Components include a laser beam, memory elements, a hologram illuminator and screen. 35mm film is used for the high-density storage of the 3-D images in color. The images can be moved or switched simply by manipulation of the film.

**Semco Instruments Ltd.**, an Ottawa-based Canadian company which owes its origins to pioneering work done in the Communications Research Centre of the Department of Communications, has entered into a special cooperative research program with the National Research Council of Canada. Under terms of a five-year agreement, Semco's research team will locate in space provided by NRC at the NRC main Ottawa laboratories. Semco and the NRC staff will cooperate in



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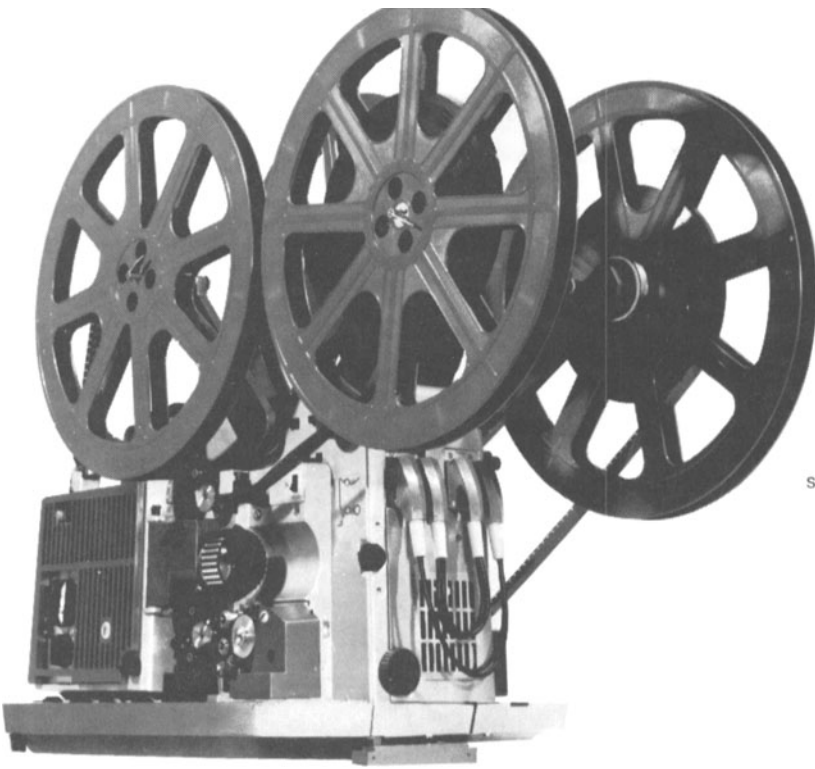
Reliability and long-term performance have been traditional. Some of our "over-30" year old equipment is still in use—and trusted even by under-30 operators.

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related research areas involving high vacuum techniques and electron beam deflection techniques, such as may be applied to the use of electron beams for scanning purposes. The Semco team will have access to a number of NRC services and facilities and in turn will make available to NRC scientists any special instruments it may set up in the laboratory.

**Image Transform**, 4142 Lankershim Blvd., North Hollywood, CA 91602, has announced four new executive appointments. General Manager Bob Ringer assumes additional responsibilities as Director of Marketing; Jim Shepherd moves to the newly-created post of Production Manager; George Taylor heads the Cus-

tomers Service Dept. and Richard Claghorn directs Film Operations. Ron Gunning is President of Image Transform; Ken Holland is Chief Engineer; and George Hancock is Secretary-Treasurer.

**Modern Cable Programs**, a new distribution service for circulating a special series of videocassette programs to a select number of CATV systems participating in the Modern Cable Network, has been announced by Carl Lenz, President of Modern Talking Picture Service, 1212 Ave. of the Americas, New York, NY 10036. To create continuity for the programing, individual titles will be combined into basic one-hour shows and placed in one of three different series: *Modern Home Digest*,

*Cable Journal* (environment, health, education, etc.) and *Travel and Sports World*. Further information about Modern Cable Network and the new project is available from Fontaine Kincheloe, Vice-President of Modern's media services, at the address above.

**Alan Gordon Enterprises**, 5362 North Cahuenga Blvd., North Hollywood, CA 91601, has entered into a trade agreement whereby NAC Inc., of Japan, will be its exclusive representative in the sale of motion-picture equipment in Southeast Asia. Countries in which NAC will represent AGE include Japan, Taiwan, Thailand, Indonesia, Malaysia, Philippines, Pakistan, Burma, Cambodia, Laos, North and South Viet Nam, North and South Korea, mainland China, Hong Kong and Singapore. NAC Inc. specializes in all areas of professional photographic equipment including motion picture, photoinstrumentation and aerial photographic systems.

**McMartin Industries, Inc.**, has moved into a new building at 4500 S. 76 St., Omaha, NB 68127, it was announced by Ray B. McMartin, President. The firm, formerly located in a number of buildings in downtown Omaha, is now under one roof in a 50,000-ft<sup>2</sup> modern building on 11 acres of land. The firm's products include AM and FM broadcast transmitters, AM/FM/TV Modulation and Frequency and Modulation Monitors, audio consoles for broadcasting and other sound equipment.

**Rohde & Schwarz Sales Co. (USA) Inc.**, 111 Lexington Ave., Passaic, NJ 07055, has acquired the exclusive distributorship of the Schwarzbeck line of Electro Magnetic Interference/Electro Magnetic Compatibility (EMI/EMC) measuring instruments for the United States, it was recently announced. (Schwarzbeck and Rohde & Schwarz are the chief producers of EMI/EMC measuring instruments in Germany.) The instruments conform to the International CISPR and German VDE Standards dealing with radio interference from electrical machinery and appliances on nonmilitary communications.

**Consolidated Film Industries**, 959 Seward St., Hollywood, CA 90038, has announced a new high-speed videotape duplicating service, noting that its high-speed videotape duplicator has been geared to commercial needs by supplying daylight dubbing. The announcement pointed out that with the current fuel crisis, many airline flights have been cancelled, resulting in a serious shortage of freight space. Because of the reduction in space, shipments ready in the early afternoon will have a better chance at next-day delivery. With the new daytime high-speed duplicator service, nighttime pile-ups can be avoided and shipments cleared for afternoon flights.

**William Pay** has been appointed Secretary of the British Kinematograph, Sound and Television Society to succeed Paul McGurk who has been appointed Administrator of the Society of Film and TV Arts (*Journal*, p. 948, November 1973). Except for war service as an RAF Bomber Pilot,

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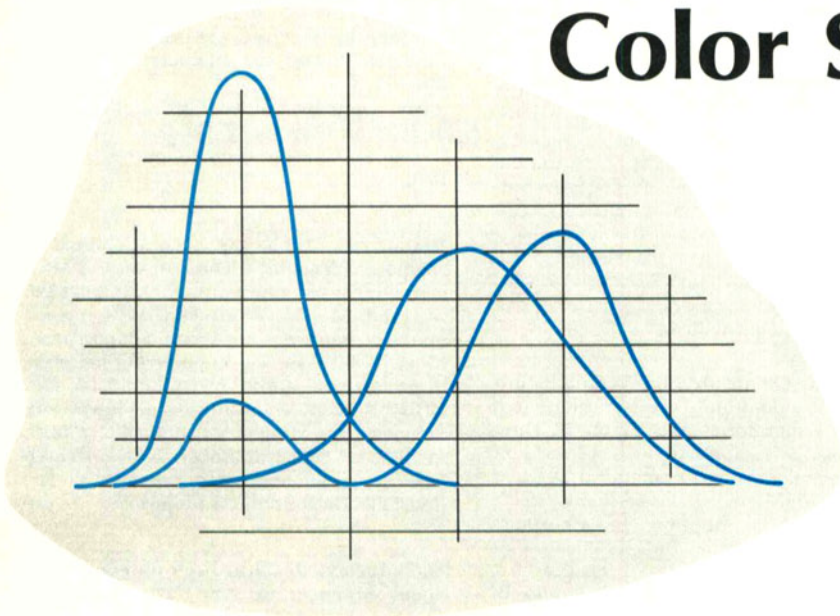
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Color sensitometry is the quantitative measurement of all the responses of a photographic material to exposure and development. It provides a tool for the evaluation of the chemical and mechanical conditions that produced the visible photographic results. It measures the processed images, determining their character or content in terms most useful for the product's application or most significant in an operation's adjustment or stabilization. Finally, it provides a means for observers to relate their quality judgments to the physical characteristics of the photographic material.

The third edition of *Principles of Color Sensitometry* outlines the fundamental concepts of this discipline and describes some of the methods and instruments employed in order to give a comprehensive view of the present state of the science. The treatment is not complex, and in some places instead of mathematical discussion there is simple, verbal description for better understanding; but the coverage is comprehensive. The authors have presented and discussed, on a step-by-step basis, the routines common to nearly all of the diverse applications of color sensitometry.

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## Society of Motion Picture & Television Engineers

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Mr. Pay has spent his working life in the film and television industries. He served in various capacities in the London office of the Quigley Publishing Co. of New York; in 1963 he was appointed Managing Director of Quigley Publications Ltd. Since 1966 he has been the Advertising Manager and Editorial Assistant on the *BKSTS Journal* and has been closely associated with the organization of the three BKSTS international conferences.

**Eric Falkenberg** has been appointed to the Board of Directors of Eclair Corp. of America, 62 W. 45 St., New York, NY 10036, it was announced by Leo Lukowsky, Executive Vice-President. Mr. Falkenberg joined Eclair in 1966 as Applications Engineer. His most recent post was that of National Sales Manager.

**J. Karl Justin** has joined the firm of Evans, Delehanty & O'Brien, 51 Madison Ave., New York, NY 10010, as a General Partner. The firm has been in continuous practice since its founding in 1930. Among its major current works are the Nassau County Reference Library, planned to hold more than a million volumes; the 4,000-student South Bronx High School; the six-story Marymount Manhattan College Building, in New York City, topped by 21 stories of commercial apartments utilizing the air rights; and several specialized institutional projects for the blind. Mr. Justin is a corporate member of the American Institute of Architects and Chairman of

the Building Technology Committee of its New York Chapter. A member of SMPTE, he is the author of "Lecture Hall and Learning Space Design" in the March 1966 issue of the *Journal*.

**Rudolf Kingslake** is the recipient of the Frederic Ives Medal awarded annually by the Optical Soc. of America to a selected individual for "distinguished work in optics." The medal was presented to Dr. Kingslake on 10 October 1973 by Robert E. Hopkins, President of the Optical Society, at ceremonies held during its 58th annual meeting. Dr. Kingslake's Ives Medal address was entitled "Some Impasses in Applied Optics." In addition to his receiving the Ives Medal he was also awarded (in 1973) the Karl Fairbanks Memorial Award presented by the Society of Photo-Optical Instrumentation Engineers.

**William E. Glenn, Jr.**, has been appointed Vice-President and Director of Research for CBS Laboratories and **Victor F. Donnelly** has been appointed Vice-President and Controller, it was announced by Renville H. McMann, Jr., President. (CBS Laboratories, a division of Columbia Broadcasting System, Inc., is located at High Ridge Rd., Stamford, CT 06905.)

Dr. Glenn joined CBS Laboratories in 1967. He is well known for his pioneering work in electron physics and thermoplastic information recording systems. (See *Journal* papers "Thermoplastic Recorders," Sept. 1962; "Thermoplastic Recording,"

Aug. 1965; and "Principles of Simultaneous-Color Projection Television Using Fluid Deformation" Sept. 1970.) Prior to joining CBS Laboratories he was a physicist at General Electric Research Laboratories at Schenectady, N.Y. A member of the CBS Laboratories team responsible for the development of Electronic Video Recording, he received the 1968 Industrial Research Award for engineering achievement.

Mr. Donnelly joined CBS Laboratories in 1968 as Director of Contract Administration and has served as Controller since 1970.

**Richard F. Dubbe** has been appointed to the post of Technical Director for the Mincom Div. of 3M Company, P.O. Box 33600, St. Paul, MN 55133. He joined 3M in 1953 and has held various technical positions. Most recently he was engineering manager of professional audio, instrumentation and EBR products, coordinating all laboratory activities at Mincom's Camarillo, Calif., facility. He succeeds Robert A. von Behren who has been appointed manager of the division's Data Products project.

**Sid Morley, Jr.**, has been appointed Account Manager for the Carbon Products Div. of Union Carbide Corp., 270 Park Ave., New York, NY 10017. He will make his headquarters at the firm's San Francisco offices. He has been with Union Carbide since 1951.



**SOCIETY OF PHOTOGRAPHIC SCIENTISTS & ENGINEERS**

The Society of Photographic Scientists & Engineers present a seminar bringing the photographic community up to date on recent advances in Microdensitometry. It will be conducted in four sessions on April 29th and 30th, 1974. Theory, hardware implementation and applications in various areas of medicine, industry and government will be covered. Topics to be discussed include Microdensitometry Standardization, Physical Standards, Color Microdensitometry, Optical Systems and Density Conversion, as well as various applications.

Formerly a low speed, single scan instrument with analog output, the microdensitometer has become a high speed, raster scan instrument often interfaced directly to a computer or digital recording device for retrieving photographically stored information. Papers on the level of technology and variety of disciplines associated with the modern microdensitometer will be presented by leading scientists and engineers.

The SPSE Seminar on Microdensitometry will be an important source of information both for users and suppliers of this equipment.

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