

applications of advanced technologies in publishing.

Castrignano has been with CBS since 1938. He has directed the design of black-and-white and color broadcasting and closed circuit television systems and the development of educational television systems and video film and disc recording systems.

Goldberg began his television research career at CBS in 1945 and since 1971 has headed the Technology Center's efforts in digital television.

Kaiser joined CBS in 1958 and has played a major role in numerous key radio and television developments including television slow-motion replay, the Digital Noise Reducer of which he is co-inventor and which received an Emmy Award, and Action Track™ which enables sports viewers to follow the path of moving objects during a contest (*Journal*, p. 260, April 1978).

The Digital Noise Reducer (DNR), which eliminates up to 80% of noise in the video picture, was licensed to Thomson-CSF Laboratories which carried out the product development and now manufactures the unit and which shared in the Emmy Award.

Donald and Carolyn Davis of Synergetic Audio Concepts (Syn-Aud-Con) of Tustin, Calif., were the recipients of the Annual Achievement Award from the Upper Midwest Acoustical Society of America at its Awards Banquet in Minneapolis. The award was given "in recognition of notable contributions to audio engineering by developing and promulgating a unified engineering approach to sound system design." The Davises are co-authors of *Sound System Engineering* and founder-owners of Syn-Aud-Con, which is in its sixth year of training professionals in the basics of electroacoustics as applied to the engineering of sound systems.

Broadcast Communications, an international journal of broadcast technology, is a new professional magazine published by Globecom Publishing Ltd., P.O. Box 12268, Overland Park, KS 66212 — a new corporation established for the specific purpose of publishing *Broadcast Communications*. The first issue of *Broadcast Communications* appeared in October with an initial circulation of 30,000 worldwide. President and Publisher is Mike Kreiter. Staff members include Ron Merrell, Editorial Director; Stan Osborn, Vice-President Sales, Eastern Region; Roy Henry, Vice-President Sales, Central Region; and Dennis Triola, Vice-President Sales, Western Region. Michael Scheibach is Managing Editor and Gloria Parmenter is Advertising Production Manager. Among contributing editors are Joseph Roizen, Ron Whittaker, Dennis Ciapura, and Peter Burk.

SMPTTE members may qualify to receive this new publication on a free subscription basis.

Eastman Kodak Company has announced three new appointments in the Motion Picture and Audiovisual Markets Division. They are: **William A. Koch**, Sales Manager; **Richard G. Schiavo**, Marketing Director, Audiovisual Markets; and **Anthony D. Bruno** as Marketing Director, Motion Picture and Television Markets. Koch joined Kodak in 1949. His most recent post was that of Marketing Director, Motion Picture and Television Markets. Schiavo has been with Kodak since 1964, most recently as Director, Sales Development, Audiovisual Markets. Bruno has been with Kodak since

1947, most recently as Director, Sales Development, Motion Picture and Television Markets.

C. Ray Troutner has retired as Manager of Sales Operations for Eastman Kodak's Motion Picture and Audiovisual Markets Division, a post he had held since 1973. He had been with Kodak, serving in various capacities, since 1938.

William H. Orr, President of Orrox Corp., 3303 Scott Blvd., Santa Clara, CA 95050, has been named Chairman of the Board succeeding John Herbert Orr, founder of Orrox, who has retired, but who will continue as a board member, serving in a consultative capacity. The board meeting was held in the company's Santa Clara facility, completing a move from Opelika, Ala., and the establishment of its California headquarters. Subsidiaries of Orrox include Videomax and CMX Systems.

Thorn Lighting Inc., Leslie Court, Whippany, NJ 07981, has announced the appointment of Capron Lighting Co., 278 West St., Needham Heights, MA 02194, as an authorized distributor of Thorn studio, theater and television tungsten halogen lamps, projector lamps and compact source iodide lamps. Thorn is the United States subsidiary of Thorn Electrical Industries, a diversified 50-year-old British-based company.

Fuji Photo Film, U.S.A., Magnetic Tape Div., 350 Fifth Ave., New York, NY 10001 has announced a general price increase on all videotape products. An increase of from 3% to 7% is scheduled to take effect 1 January 1979 on all videotapes. The price increases have been found necessary to meet sharply increased costs and the decreased value of the dollar in relation to the yen, the announcement stated.

Garrett R. Berry has been appointed Vice-President and General Manager for Feature Systems Inc., 513 W. 26 St., New York, NY 10001. Berry has been with the firm for two years as General Manager.

Books, Booklets, Brochures

The Selectake II tape position locator designed to provide fast and accurate cue location through the use of microprocessor technology is described on an information sheet available from Dept. MN8-23, 3M Company, P.O. Box 33600, 3M Center, St. Paul, MN 55133. Up to nine separate cues can be entered and stored in the unit's memory. Two digital time displays show the actual tape location (tape time display) and the desired cue position (locate time display). The information sheet outlines the features and advantages of the two displays and the calculator-like keyboard of the Selectake II.

The Catalog of Holdings, the first published inventory of the 14,124 films in the American Film Institute and United Artists Collection at the Library of Congress, is available from the National Information Service of the AFI, Kennedy Center for the Performing Arts., Washington, DC 20566, at a price of \$6.50 (\$5.00 for AFI, University Film Association, and the Society for Cinema Studies members) plus 75 cents handling. The *Catalog Of Holdings* (224 pages) contains an alphabetical listing by title of all the films in the collection as of 1 September 1977. Each entry is identified by the film's release date, director, producer and cast, and is coded

to indicate whether the film is a short, feature, serial, or trailer, whether acetate preservation materials have been made from the nitrate original, and whether the holdings are complete.

A chart which compares the sensitivity of television camera tubes is available upon request from Cohu, Inc., Electronics Division, Box 623, San Diego, CA 92112. Image pickup tubes ranging from vidicons to the intensified image isocon and including silicon-target, silicon intensified target and color image isocon are listed. Comparisons of operating light values for each tube are shown in lm/ft². Light values are also compared to the natural light range from midday sunlight to overcast starlight.

Calibration of Impulse Generators Using Spectrum Analyzer TF2370 by A. D. Skinner, an application note describing a procedure that may be used to calibrate impulse generators used in the testing of interference measuring equipment, is available upon request from Marconi Instruments Ltd., St Albans, Hertfordshire AL4 0JN, England. The Application Note explains how the peak memory capability of today's spectrum analyzers can simplify the procedures for calibrating impulse generators used in RFI measuring equipment.

Education/Entertainment Films, a 176-page catalog listing 16mm entertainment and educational films for general audiences, is available upon request from Association Films, 866 Third Ave., New York, NY 10022. The entertainment section lists classic films including early W. C. Fields and Disney films. The educational section lists films from leading educational sources covering a wide variety of topics.

The 1978 Cine Yearbook is available from CINE, the Council on International Nontheatrical Events, 1201 Sixteenth St., N.W., Washington, DC 20036, at a price of \$6.00. The yearbook is a useful reference source which contains annotated lists of the CINE Golden Eagle and Eagle Award winners and the international awards and honors awarded to CINE winners. Additional source information includes the requirements for submitting films to CINE; names and addresses of sponsors, producers and distributors; facts about the Festival and a listing of patrons, officers and CINE jurors.

The 7th and 8th volumes of the **Encyclopedia of Practical Photography** are available from Eastman Kodak Co. or from Amphoto, 750 Zeckendorf Blvd., Garden City, NY 11530. Each volume in the series is priced at \$11.95. Forty-one topics are covered in Volume 7, ranging from fluorescence to Fresnel lenses. Illustrations include full-color photographs, charts and tables. In Volume 8, 63 topics are covered including high-speed photography, the history of photography and insect photography.

Telecine, a new (and newsy) publication, contains brief technical articles and informative items concerned with telecine innovations and events throughout the world. Copies are available upon request from Rank Cintel, Watton Road, Ware, Hertfordshire, England. The bulletin (4 pages, illustrated, 8 × 11½ in) goes to telecine users in 37 countries and potential users around the world. The circulation includes 1000 television stations, facilities houses and advertising agencies. Most of the items in the second issue of *Telecine* are concerned with Rank Cintel's Mark 3 telecine systems which have

recently been installed in television stations in Poland, Bulgaria, Yugoslavia, Portugal, Iraq, and France. *Telecine 2* also contains an article on "Digiscan Operation" by Ray Matchell who is Product Group Manager for Rank Cintel.

Color Research and Application, now in its third year of publication, reaches more subscribers than any other publication devoted entirely to color, according to a recent announcement from the publishers, John Wiley & Sons, 605 Third Ave., New York, NY 10016. The Editor is Fred W. Billmeyer, Jr. More tutorial articles will be published in the future as well as "how-to" papers on the use of color in business and industry. The current annual subscription rate for individuals who are members of the ISCC or of any of its member-body societies is \$20. For non-members and institutions the subscription rate is \$35.

Laser Safety Handbook by Alex Mallow and Leon Chabot (353 pages plus index; 31 illustrations; 6 x 9 in) is available from the publisher, Van Nostrand Reinhold, 135 W. 50 St., New York, NY 10020, at a price of \$22.50. The book provides a broad survey of the numerous considerations that affect laser safety. Treating laser theory and measurements in a simplified but adequate technical manner, the book discusses the nature of laser beam hazard and the biological effects of laser radiation. Associated laser hazards — electrical shock, airborne contaminants, and others — are also covered.

The Fall 1978 issue of **Cinema Perspectives** is available upon request (on company letterhead) from Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025. The four-color, 16-page issue of *Cinema Perspectives* contains informative stories on news/documentary filmmaking as well as an interesting article by inventor Garrett Brown on the use of the Oscar-winning Steadicam system in the production of television commercials. Also included in the Fall 1978 issue is an article by Ed DiGiulio, President of Cinema Products Corp., entitled "A 10th Anniversary Reflection," in which the author reviews the activities and achievements of the firm since he founded it in 1968.

The 6th edition of **Kodak Color Dataguide** has been announced by Eastman Kodak Co., 343 State St., Rochester, NY 14650. This new, extensively revised publication contains updated exposure data for Kodak color films. A gray card, a gray scale and color patches are included in the section on exposure. The *Dataguide* (R-29) is priced at \$8.95.

The TH-100, a new high-performance 1-in helical-scan recorder using the Type C format, is described and illustrated in a 16-page brochure (TA 3720) available upon request from RCA Broadcast Systems Marketing Services, Bldg. 2-2A, Camden, NJ 08102. Also included in the brochure are descriptions and illustrations of the TH-50 portable recorder and a number of related accessories.

Metric Units in Engineering: Going SI by Cornelius Wandmacher is a 302-page illustrated book available from the publishers, Industrial Press Inc., 200 Madison Ave., New York, NY 10016, at a price of \$25. Intended as a textbook on the application of the metric system for schools and training programs for engineers and technicians, the book can also be used for independent study. Numerous tables, charts and graphs are included.

Noise Control Engineering, the bimonthly journal of the Institute of Noise Control Engineering (INCE), P.O. Box 3206, Arlington Branch, Poughkeepsie, NY 12603, contains articles concerned exclusively with noise control. Special issues during the last two years have covered qualification of facilities for measurement of noise emission and instrumentation for noise measurement. The journal is available from INCE at a subscription rate of \$30 a year.

Sony Corp. of America, 9 W. 57 St., New York, NY 10019, has announced publication of an 8-page booklet describing the VO-2860 videocassette editing deck and the RM-430 automatic editing control unit. The booklet is available from Sony upon request. The illustrated booklet provides a detailed description and a complete set of instructions for the machines and also includes schematic renderings of sample editing and recording installations using the new units.

Newcomer (Chairman), Pacific Northwest Bell, Room 3B13, 1600 Bell Plaza, Seattle, WA 98191.

Rocky Mountain, 29 Aug. — The meeting was held at Western Cine in Denver, with an attendance of 17 members and guests. Following a short business meeting, the 1977 Bronco highlight film *A Championship Season* was shown. The film presentation was followed by a social hour during which wine and cheese were served. Informal discussions centered around ways of improving the Section's activities for the 1979 series of meetings. — Philip C. Vogel, Jr. (Chairman), Eastman Kodak Co., 5555 South Trenton, Bldg. 5, Denver, CO 80110.

San Francisco, 16 Aug. — The meeting was held in Ampex Corporation's cafeteria at Redwood City, Calif., with an attendance of 85 members and guests. Howard Lilley, Product Manager in the Ampex Audio-Video Systems Division, presented an overview of Type C format products with special emphasis on capabilities obtained when the Automatic Scan Tracking (AST) system and the TBC-2 digital time-base corrector are used with the Type C format. Using AST, he said, a broadcastable full-color picture is produced from zero to play speed when processed by the wide-window TBC-2. At higher speeds the TBC-2 provides a recognizable picture in color to 10 times play speed and a monochrome picture to 30 times play speed, he explained. Following the formal presentation, a lively question and answer period covered such topics as product features, Type C format capabilities and scanner design philosophies used by various manufacturers. — Joerg D. Agin (Secretary-Treasurer), Eastman Kodak Co., 3250 Van Ness Ave., San Francisco, CA 94109.



Section Meetings

Australia, 14 Aug. — The meeting was held at the Broadway Terminal of the Overseas Telecommunications Commission (Australia) in Sydney and consisted of a tour of the Terminal led by two technicians who had been specially selected to provide informative answers to questions from the tour members. (The OTC [Australia] operates and is responsible for all telecommunications beyond this country's shores.) A 30-min, three-screen slide/sound presentation covered communications from early times. This extremely interesting meeting began at 7 p.m. and ended at 10 p.m. with an appreciative response from the 27 members present. — Phillip H. Budden (Chairman), Colorfilm Pty Ltd., 35 Missenden Road, Camperdown, N.S.W. 20250, Australia.

Pacific Northwest, 24 Feb. — The meeting was held at Edmonton Inn in Edmonton, Canada, with an attendance of 20 members and guests. Arlan Evensen gave a film demonstration comparing films ECN 7247, ECO 7252 and EFB 7242 not only through print but also through their intermediates for release printing. Comparisons were shown with prints made directly from the originals and also through the respective inter-negative and CR1 intermediates.

Following the demonstration, Will Vinton's film *Claymation* was shown. The film shows the process and procedures Vinton uses in the pro-

duction of his clay animation films, one of which won him an Oscar. — Arlan E. Evensen (Secretary-Treasurer), Teknifilm, Inc., 1923 N.W. Kearney, Portland, OR 97209.

Pacific Northwest, 1 June — The meeting was held at Seattle Center in Seattle, Wash., with an attendance of 60 members and guests. Clive Tobin, of the LTM Corporation of America, provided a review of the development of synchronous sound recording techniques for motion pictures through the years to the present. LTM lighting equipment was demonstrated. This meeting was held as a prelude to the Motion Picture Seminar of the Northwest. — Arlan E. Evensen (Secretary-Treasurer), Teknifilm, Inc., 1923 N.W. Kearney, Portland, OR 97209.

Pacific Northwest, 28 July — The meeting was held at the Hyatt House at Vancouver Airport, Vancouver, B.C., Canada. Following dinner at the Hyatt House, the group toured the Regional Air Traffic Control Center at Vancouver International Airport. The tour started with a slide show explaining the function of air traffic controllers, followed by a guided tour of the control center. A second tour, through the Regional Maritime Control Center which directs and handles communications with ships at sea and near Vancouver, was provided. — C. Eugene