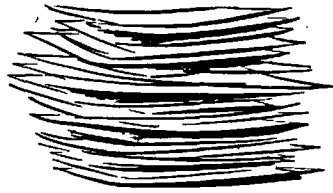


# news and reports



## SMPTE Winter Television Conference

Dallas • February 4 and 5

The Program's emphasis will be on the production of color commercials on film videotape — but papers will be considered when they contribute to the state of the art and report new technical developments. Inquiries and offers of papers should be addressed to Leonard F. Coleman, address below, with a copy to Society Headquarters, Att: Winter TV Conference.

Leonard F. Coleman  
Winter TV Conference  
c/o Eastman Kodak Co.  
6300 Cedar Springs Rd.  
Dallas, TX 75235



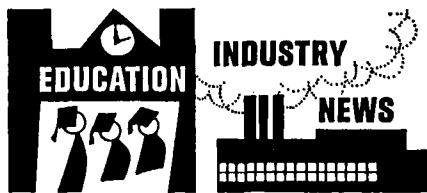
Franklin H. Reinking

The Program of the Sixth Winter Television Conference is being arranged by K. Blair Benson, SMPTE Television Affairs Vice-President, with the cooperation of R. E. Putman, SMPTE Editorial Vice-President.

Franklin R. Reinking is Chairman for Arrangements for the Conference to be held in the Sheraton-Dallas Hotel. His responsibility is to attend to the many details and to make the many decisions that are involved in the arrangement of facilities and accommodations so that all will go smoothly for the participants. Photographs of some of the Sheraton-Dallas facilities

will appear in the *Journal* in a subsequent report on the Conference.

The Winter Television Conference has an unusual history in that the first of the conferences, held in Detroit in 1967 as a joint effort of the Detroit, Chicago, Rochester and Toronto Sections, was successful so far beyond the expectations of the originators that it was decided to hold winter television conferences annually. At a meeting of the Board of Governors in 1968, the name of these gatherings was established as the SMPTE Winter Television Conference.



in videotape, station interconnection, satellites, cable TV, TV transmitter remote control, 16-track audio techniques and minority hiring in the engineering field. A scheduled paper of special interest is "A Case for a Better TV Set" by William J. Kessler. An extensive exhibit will be held with more than 60 exhibitors showing the latest developments in broadcast equipments.

will be 29 sessions with more than 150 papers to be presented. Highlight of the conference will be a Communication Technology Symposium. Topics to be covered include telephone, data and radio communications, telemetry, communications and information theory, antenna and microwaves, environmental considerations, education and engineering in medicine and biology.

Please note these

**NEW DATES**

for

The Spring Technical  
Conference in New York

April 30–May 5, 1972

The meeting of the New York Audio Society to be held Nov. 17 at Charlie Bow's Dragon Seed Restaurant, 95–11 37th Ave., Jackson Heights, N.Y., will be conducted by Sony Corp. of America. Henry Akiya of Sony Corp. will bring equipment for demonstrations which will include the new Sony-CBS SQ stereo quadrasonic disc system. A Sony-Superscope engineer will be present to demonstrate Superscope equipment including the double capstan cassette deck. The meeting is open to the public. Further information is available from the New York Society, 215 Adams St., Brooklyn, NY 11201.

Members of Local 644 of the National Photographers of the Motion Picture Industries voted to place a two-year freeze on their wages during a membership meeting on July 7, some weeks before the freeze ordered by President Nixon. The action was taken to encourage more commercial production in New York. A new contract between Local 644 and the Film Producers Assn. of New York affects all commercial and nontheatrical productions under Local 644 jurisdiction. The contract provides for higher pensions and welfare benefits.

The National Association of Educational Broadcasters annual convention will be held October 17–20 in Miami Beach. Papers presented at the engineering sessions will cover such topics as new developments

The Institute of Electrical and Electronic Engineers will sponsor a Fall Electronics Conference (FEC '71) Oct. 18–20, at the Pick-Congress Hotel in Chicago. There

FCC advance approval of the Blonder-Tongue BTVision subscription TV system has been announced by Isaac S. Blonder, Chairman of the Board of Blonder-Tongue Laboratories, Inc., One Jake Brown Rd., Old Bridge, NJ 08857. BTVision is a sys-

tem for over-the-air transmission, reception and decoding of scrambled television signals and is compatible with standard television broadcasting facilities. A small decoder placed in the subscriber's home unscrambles the picture for use with any TV receiver. The decoder is designed so that there should be no interference with or reduction of existing home TV reception when this system is used. The BTVision system was developed at the Blonder-Tongue facility in Old Bridge. The firm was founded in 1950 by Mr. Blonder and Ben H. Tongue.

An experimental device that can dial a telephone number when given spoken commands is being investigated at Bell Telephone Laboratories in Holmdel, N.J. Voice control of the device is achieved through a simple form of integrated circuitry that converts sound waves into electrical pulses to open and close the electromechanical switches necessary for obtaining a dial tone, executing dialing and terminating a call. A small circular display of 10 lamps labeled with the numerals 0 through 9 is used with the voice control device. The lamps light in numerical sequence. Any voice utterance spoken in a coincidence with a lighted numeral will activate that number. The memory in the voice control device will transmit stored digits as a series of electrical pulses to telephone dialing circuitry when a special command is given.

The Agfa-Gevaert Group, with headquarters at Septestraat 27, B-2510 Mortsel (Antwerpen) Belgium, has entered into an agreement with Argentina, Brazil and Mexico which provides that these countries will not increase customs duties without preliminary mutual consultation. Agfa-Gevaert plans an expansion of the F.I.F.A. company (Fabricacion Industrial Fotografica Argentina), manufacturer of photographic products in cooperation with Agfa-Gevaert. A minimum investment of 350 million B. francs has been planned. Plans include the building of a new production center and the building license has been granted by Argentine authorities. Manufacturing plans include the whole range of x-ray films and films for the graphic industry. The new production center will be built in Florencia Varela, near Buenos Aires. Building operations are expected to be completed in 1973. Argentine engineers will work for two years in the Belgian factory at Mortsel to get the necessary training before the new factory is completed. When the new factory is completed the number of people employed will be increased from about 300, presently employed, to about 700.

Newsfilm Laboratory, Inc., 516 North Larchmont Blvd., Hollywood, CA 90004, has announced establishment of a new, all-in-one, climate-controlled facility as part of an expansion program. The first floor contains film processing equipment for 8mm and 16mm including Ektachrome processors, sensitometric color controls and laboratory analytic equipment. The upper floors include in-house and rental facilities for editing, screening, dubbing,

mixing, interlock projection, sound transfer, and insert shooting stage and a conference room.

Bell & Howell Ltd. of London has been appointed exclusive distributor of the Xenotech Sunbrute motion-picture floodlight in Europe, Australia and the Eastern Hemisphere. Xenotech, Inc., is a subsidiary of Elpac, Inc., 18651 Von Karman, Irvine, CA 92664. Bell & Howell Ltd. will inventory and market Xenotech lights, parts and accessories, as well as provide field service from its offices in London, France, Belgium, Sweden and Italy.

The Second Annual National Educational Technology Conference will be held March 20-23, 1972, in New York. Some 100 different workshops will be held during the conference. Registration is limited to 1,000 participants to make sure that everyone receives individual attention from workshop leaders. Among topics to be discussed are general methods of individualizing instruction, learning modules and packages, cybernetic instructional systems, computers and education, television and many others. Further information is available from Educational Technology Publications, 140 Sylvan Ave., Englewood Cliffs, NJ 07632.

Photo Scientist is a publication of the joint RIT Student Chapters of the SMPTE and the Society of Photographic Scientists and Engineers. It is produced in cooperation with the College of Graphic Arts and Photography of the Rochester Institute of Technology and published in December, March and June. The June 1971 issue contains three scientific papers, a report on a survey ("Occupational and Educational Potential in Photographic Science" by Mitchell Glasser and Bruce Levine), brief reports on experiments ("An Optical Yardstick" by David A. Holstein and "Sensitometric Processing on the Kodak Drum" by Richard W. Hart), feature stories, Letters to the Editor, Editorials and other interesting items. In other words, a lot of interesting material is contained in the 24 pages of the June 1971 issue. Illustrations are included. This is an excellent publication of professional caliber. Distribution is free to students and faculty of the RIT Dept. of Photographic Science and Instrumentation. Alumni and other interested members of the photographic science community can be placed on the mailing list by writing to Circulation Manager, Photo Scientist, College of Graphic Arts and Photography, One Lomb Memorial Dr., Rochester, NY 14623.

Research Technology, Inc., has moved its administrative offices and engineering laboratory to new headquarters at 8260 N. Elmwood Ave., Skokie, IL 60076. The offices were formerly at 3525 W. Peterson Ave., Chicago, Ill., and the engineering laboratory was formerly at 231 Peterson Rd., Libertyville, Ill.

Miami-Tel-Air Interests has announced an expansion program at the firm's headquarters at 1755 NE 149 St. in North Miami. Major portion of the addition will

be a 3,000 ft<sup>2</sup> motion-picture sound stage. The new facilities will also provide increased space for editing, production, film mixing and radio production. The firm also plans expansion into the field of audio-visual cassettes.

Magno Sound, Inc., 723 Seventh Ave., New York, NY 10019, has announced acquisition of Recording Studios, Inc., at 212 W. 48 St. in New York. The firm will now be known as MRSI (Magno Recording Studios, Inc.) and will be operated as a separate entity under the same management as the two related companies, Magno Sound and Empire Recording. President of all three companies is Ralph Friedman.

Consolidated Film Industries, 959 Seward St., Hollywood, CA 90038, has announced expansion plans involving its new videotape laboratory. Tape-to-film transfers in both black-and-white and color can now be made in both 16mm and 35mm. The new laboratory occupies 18,000 ft<sup>2</sup> and includes conference rooms and screening rooms. Equipments include a new computerized editing system.

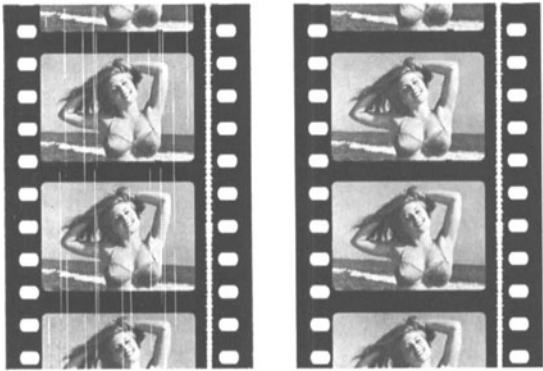
Commercial and Home Movie Service, Inc., 614-616 Washington St., Allentown, PA 18102, has installed a new Pako processor for 16mm, 8mm, and super-8 single and double formats for faster processing service of Ektachrome film. James A. Peters is President-Treasurer of the firm which was established in 1931.

The Commercial Cablecasting Div. is a new division of Camera Systems, International, 1033 Byram St., Los Angeles, CA 90015, under the direction of Felix E. Girard. The new division will produce and package programs sponsored by regional advertisers especially for cable TV origination channels. The division will also purchase time at rate-card rates from the individual cable systems in the sponsored region for the exhibition of the programs.

Robert Pulman has retired from the Theatre Division of the Rank Organisation. He plans to expand his consultancy in the large-screen side of audio-visual presentations and he will undertake investigations, evaluations and technical representations for clients. His address is 3 Carlisle Rd., Cheam, Surrey, England. Mr. Pulman has been appointed Chairman for Film '73, the third International Film Technology Conference and Exhibition to be held in London in June 1973. He is Immediate Past Chairman of the British Kinematography, Sound and Television Society. He is a Fellow of the SMPTE and serves on the Film Projection Practices Committee.

C. Russell Dupree, one of the pioneers in EVR development at CBS Laboratories, has been appointed Director of Film Operations for the CBS Electronic Video Recording Div. at Rockleigh, N.J. He joined CBS Laboratories in 1968 as Manager of EVR Film Activities. In that post he established the EVR film processing system and participated in the design and installation of equipment at the EVR Divi-

# Cut costs/improve service enhance prints with these PSC accessories

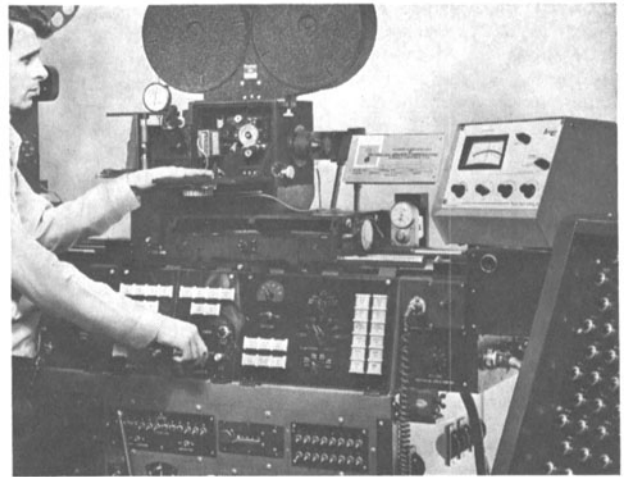
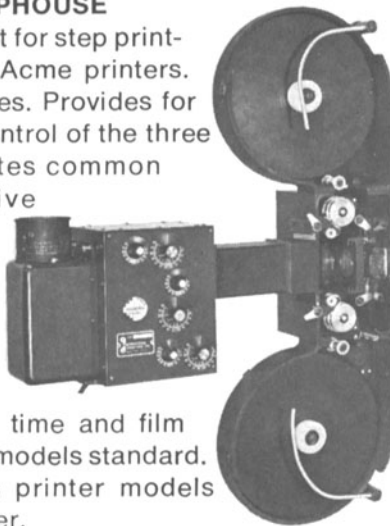


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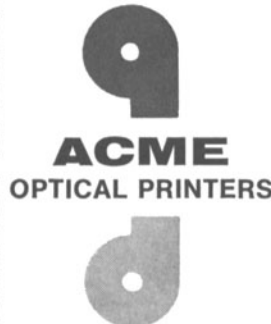
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sion in Rockleigh. In his new post he will be responsible for film printing processing, sound transfer and cassette loading operations. Before joining the EVR team he was with J. A. Maurer Inc. as Chief Engineer of Precision Film Laboratories.

Two new appointments have been announced by Imero Fiorentino Associates, Inc., 58 W. 68 St., New York, NY 10023. Peter Howard has been appointed Chief Consultant in charge of the Facilities Planning Dept. and Fred McKinnon has been appointed Facilities Consultant. Mr. Howard was formerly Manager of Production Facilities Planning for CBS and Mr. McKinnon was formerly Lighting Director at NBC.

John J. Leay, Director of Engineering for Management Television Systems, Inc., 277 Park Ave., New York, NY 10017, has been named Vice-President of Engineering. He has been with the firm since 1969. He was formerly Chief Engineer of WOR-TV in New York. Management Television Systems produces closed-circuit telecasts of business and other meetings and boxoffice events on a worldwide basis.

Van Deren Coke, who became Director of George Eastman House, 900 East Ave., Rochester, NY 14607, has announced four new appointments. Thomas Barrow has been appointed Assistant Director. He was formerly Associate Curator in charge of the Research Center; he is succeeded by George Pratt who was formerly Curator of Motion Pictures. Dennis Longwell has been appointed an Assistant Curator in the Research Center. Daniel Andrews, who has retired as an engineer with Eastman Kodak Co., has been appointed an Assistant to the Director.

C. Lee Smith has been appointed Director of Operations and Western Sales Manager for Metro/Kalvar Inc., 745 Post Rd., Darien, CT 06820, and Stanley E. Toy has been appointed Production Supervisor.

Mr. Smith was formerly Manager of the Programed Instruction Div. of Sargent-Welch Scientific Co.; and Mr. Toy was formerly with Vitro Laboratories as Project Head of Process Quality Control-Graphic Art Reproduction.

John M. Eargle has been appointed to the newly created position of Director of Commercial Sound Products for the Altec Division of LTV Ling Altec, Inc., 1515 South Manchester Ave., Anaheim, CA 92803. He was formerly Chief Engineer of Mercury Record Productions. He has also been affiliated with Universal Recording in Chicago and the RCA Record Div.

Edward Reingold has been appointed Engineering Manager, Film Operations for Educational Broadcasting Corp., 305 W. 58 St., New York, NY 10019. He was formerly Photographic Engineer of ABC and has also been Assistant Chief Engineer of CBS News Film Production. In his new post he will be responsible for film systems and facilities, color quality control, equipment development and acquisition.

Sheldon B. Satin has resigned from Electrogaphic Corp. where he was Executive Vice-President of Research and Development, to head his own communications consulting operation. The new firm is Throckmorton/Satin Associates, Inc., 1175 York Ave., New York, NY 10021. The firm will specialize in the new audio-visual technologies.

Louis L. Pourciau has been appointed Vice-President of Engineering for International Video Corp., 675 Almanor Ave., Sunnyvale, CA 94086. He joined the firm in 1967 as Engineering Manager. He was formerly Manager, Advanced Development Television and Displays for the General Precision Div. of the Singer Co. in Pleasantville, N.Y.

Setsturo Kobayashi, formerly President of Fuji Film, has been elected Chairman of the Board succeeding Sakae Haruki who retired. Mr. Haruki continues as adviser and director of the organization. An-

nouncement was made by Fuji Photo Film U.S.A., Inc., 350 Fifth Ave., New York, NY 10001. The new Fuji President is Kusuo Hirata.

Ben Bloom has retired from Movielab, Inc., 619 W. 54 St., New York 10019, as Vice-President of Sales and Trade Relations, it was announced by Saul Jeffee, Movielab President. Mr. Bloom had been with the firm for 22 years at the time of his retirement. He will continue in the capacity of consultant.

Berend Van Benthem has been appointed Manager of Video Products Marketing for CBS Laboratories, High Ridge Rd., Stamford, CT 06905. He has been with CBS since 1960 and was formerly Project Engineer for Canadian Broadcasting Corp. in Toronto. In his new post he is responsible for worldwide marketing activities of video products distributed to the broadcasting industry by the CBS Laboratories Professional Products Group.

Charles R. Duke has been appointed acting General Manager of the WSIX Broadcasting Stations, Nashville, Tenn. He succeeds Ray J. Shouse who resigned. Mr. Duke has been with WSIX since 1945.

Elmer Smalling has been appointed Director of Engineering for Pictronic, the tape duplicating and trafficking division of Columbia Pictures Industries, Inc., 711 Fifth Ave., New York, NY 10022. He was formerly Chief Engineer for Transmedia, a TV commercials production company. He has also been Chief Engineer for KYW-TV, the Westinghouse station in Philadelphia and WPHL-TV, also in Philadelphia.

Clifford H. Paul has been appointed Systems Manager for Middlesex Cablevision, a Community Antenna Television System in East Brunswick, N.J., it was announced by Wometco Enterprises, Inc., 306 North Miami Ave., Miami, FL 33128. Wometco assumed management of Middlesex on July 29. Before joining Wometco, Mr. Paul was a Systems Manager with American TV and Communications.



## books reviewed

### Introduction to Programming and Computer Science

By Anthony Ralston. Published (1971) by McGraw-Hill Book Co., 330 W. 42 St., New York, NY 10036. 514 + xx pp. Illus. Diagrams. 6 by 9 in. Price \$9.95.

Although formal data-processing activi-

ties are peripheral to the uses to which motion-picture and television engineers normally put electronic computers, this book is of interest as an excellent introduction to the procedure-oriented (or, as designated by the author, *p-o*) languages used with most large scale computer systems. The author makes it very plain that he is neither introducing computers nor writing a stand-alone textbook on programming technique. Indeed, he notes that the book will be especially helpful as a supplementary text to a student taking a course in one of the *p-o* languages.

An especially interesting feature of the book is the parallel treatment of the four most popular *p-o* languages: FORTRAN, ALGOL, COBOL and PL/I. By having examples from the different languages presented simultaneously, the student can appreciate the similarities and contrasts of the different languages, perhaps giving him an insight into why one or the other is better for his intended applications.

The book is written in an intelligent and scholarly style, with none of the unconscious patronizing common in many introductory texts. Chapters cover a discussion of computer science, basic concepts, computer numbers (i.e., binary, octal, and hexadecimal counting) and memory organization, and aspects related to programming before discussing specific languages in detail. This is followed by six chapters on programming languages in detail, followed by a chapter on operating systems and time sharing. To be sure, the discussion of input-output hardware restricts itself to *p-o* type languages; hence, certain types of input-output devices are not covered (or are merely mentioned). However, the author notes this fact within the text (such as the statement about light pens on page 395), thus keeping the scope of his book in perspective.

For the engineer who is directly involved in work requiring analysis of problems in a procedure-oriented language like