Isaac Dukhovich, PEL president, lectured using an overhead projector. He explained that the VSP system can create a wide variety of digital video simulations, thus making it a useful tool for TV laboratories or R&D departments doing advanced work in digital video. He pointed out that the systems are beginning to be used by post-production houses, where they are useful in restructuring commercial video images.

Following the lecture, Michael Stauffer, PEL director, marketing, and John Nickolls, director, software engineering, put the system through its paces. Because the room was small, the audience was separated into small groups to watch the technical demonstrations. Processed images appearing on the screen showed the VSP's ability to digitize live video images at varying bit rates to zoom in 16 times on the pixel structure of the digitized frame. This creates various special effects such as color inversion, and records and replays up to 8 min of video sequences in real time. The digitized video information is stored on computer-accessible Winchester disk drives.

The question-and-answer period continued for more than an hour after the presentations, attesting to the high interest level of the audience. — Donna Foster-Roizen (Secretary-Treasurer), Telegen, 1742 Willow Rd., Palo Alto, CA 94303.

Toronto, January 10 — The meeting, held at Valhalla Inn, opened with a 12-min film, *Muscle-Body Building,* courtesy of the Canadian National Film Board.

Ed Malec, Kodak Canada, made a slide presentation on "The Color Photograph and Reality." He explained that the linear perspective concept can be varied to different degrees by the arrangement and alternation of lighting angles and contrast ratios.

Fred Lemmin, PFA Labs, arranged the program and also made a presentation entitled "Comsut — A Computerized Setup and Timing System." He explained how human error and inaccuracy can be virtually eliminated by the use of Comsut in the motion-picture laboratory. Fung F. Lam (Secretary-Treasurer), Sony of Canada Ltd., 1325 Melton Dr., Mississauga, Ont., Canada L4Y 1L6.

Washington, D.C., January 24 — The meeting was held at KLM Associates, where a representative of AF Associates presented a slide program showing in detail the Marconi Telecine System at KLM Associates. Following the slide presentation, the system was demonstrated in the studios. The KLM film-to-tape transfer house is the newest facility in the Washington, D.C., area offering this service. — Arthur Florack (Publicity Chairman), Eastman Kodak Co., 1555 Wilson Blvd., Arlington, VA 22209.

NEWS

SMPTE Hollywood Section Sponsors All-Day Seminar

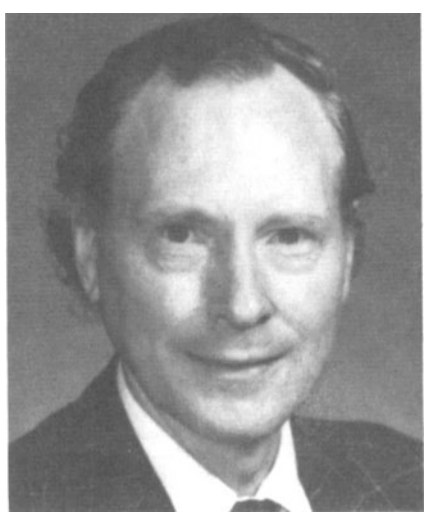
Audio Aspects of Post-Production, an all-day tutorial seminar, organized and sponsored by the SMPTE Hollywood Section, will take place May 19. The seminar will be held on the premises of some of Hollywood's outstanding sound facilities — Paramount Studios, Glen Glenn Sound, and Warner Hollywood Studios. The seminar will cover the latest technological advances in audio monitoring and digital recording techniques as they affect film and videotape post-production.

Under the guidance of key industry leaders, seminar participants will attend lectures and watch live demonstrations by Hollywood's top audio engineers and technicians. They will observe state-of-the-art audio monitoring and recording equipment, including advanced theater speaker systems, automated consoles, high-speed projectors, and magnetic film recorders, as they are used in a full range of modern post-production techniques for both film and videotape.

At Paramount's full-scale music recording stage, which contains a solid-state logic console and advanced monitoring facilities, seminar participants will observe demonstrations of the latest digital (24 tracks) and two-track stereo recording techniques. At Glen Glenn Sound and Warner Hollywood Studios, there will be live demonstrations and discussions of modern techniques in motion-picture re-recording for Dolby cinema releases, including audio sweetening, automatic dialogue replacement (ADR), and Foley post-recording of sound effects, as well as sound editing techniques for motion-pictures and television.

Due to space restrictions, attendance will be limited to 300, according to Jack Spring, Hollywood Section chairman. Registration fees (including lunch, parking, and transportation to all studio facilities) are $35 for SMPTE members and $45 for non-members. Further information is available from Jack Spring, Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood, CA 90038; or Howard La Zare, Consolidated Film Industries, 959 N. Seward St., Hollywood, CA 90038.

Hotchkiss Named Program Chairman for SMPTE New York Conference



Calvin M. Hotchkiss

Calvin M. Hotchkiss has been appointed program chairman for the 126th SMPTE Technical Conference, it was announced by SMPTE Editorial Vice-President Maurice L. French, Canadian Broadcasting Corp.

Hotchkiss is currently chairman of the SMPTE Board of Editors. A Fellow of the SMPTE, he has served the Society as governor of the New York Region for the 1978-79 and 1981-82 terms. His experience in organizing conference programs is substantial. He served as program chairman of the 110th conference in 1971, as associate program chairman for the 114th conference in 1973, and as associate program chairman for the 122nd conference in 1980.

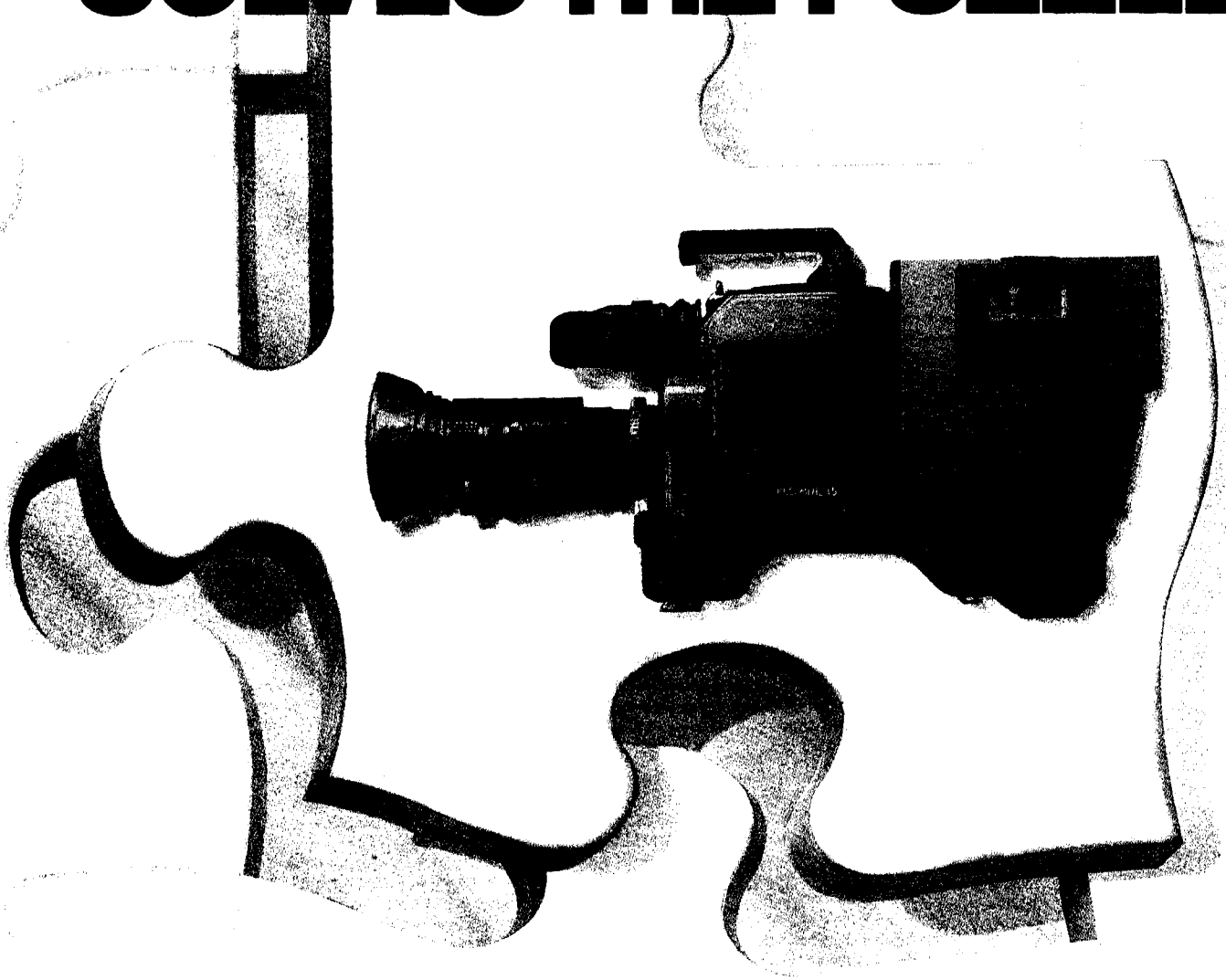
Planning for the conference program has begun. According to information received from Hotchkiss, program topics are now being selected, and the chairmen who will obtain papers for these topics are expected to be appointed soon.

Call for Papers

Authors wishing to present papers at the SMPTE conference should obtain the necessary forms from Mary Connolly, Conference Program Coordinator, SMPTE, 862 Scarsdale Ave., Scarsdale, NY 10583, telephone (914) 472-6606.

For a paper to be considered for the program, the author forms, an author information sheet, and a synopsis of less than 500 words should be submitted by June 15, 1984.

THE ONE PIECE THAT SOLVES THE PUZZLE



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Peter Rainger retired from the BBC as deputy director of engineering in May 1984. He was succeeded by George Cook, assistant director of engineering. A Fellow of the SMPTE, Rainger was the recipient in 1972 of the David Sarnoff Gold Medal Award for his pioneering development of all-electronic television standard conversion techniques, together with numerous other important contributions to television technology.

Following graduation from London University in 1951 with the B.S. degree, he joined the BBC, working on film equipment, magnetic recording, and signal-processing equipment in the Planning and Installation Dept. His entire professional career was with the BBC where he held such posts as head of the Engineering Designs Dept., head of the Research Dept., and deputy director of engineering with responsibility for all BBC engineering research and development.

In addition to the David Sarnoff Award, presented by the SMPTE, Rainger has received several other prestigious awards in recognition of his accomplishments, among them the Geoffrey Parr Award of the Royal Television Society, and an Emmy Award of the National Academy of Television Arts and Sciences. He was the first to propose the service now known as teletext. In 1982, he was elected a Fellow of the Royal Society for his major contributions to the development of electronic techniques used in television.

He is the author of a number of scientific and technical papers, among them, "Low Bit-Rate System for Digital Coding of the Television Picture," published in the August 1979 issue of the *SMPTE Journal*.

Geoffrey M. Langdon has been appointed vice-president, engineering, for Sennheiser Electronic Corp. Before joining the company in 1982, Langdon was employed by Philips Audio Video Systems as technical manager, AKG acoustics, and earlier, he served as chief engineer, Audio Dept., U.S. Marine Band, Washington, D.C. Sennheiser also announced the relocation of its New York headquarters to 48 W. 38th St., New York, NY 10018.

Ronald H. Fried has been named president and chief operating officer for ADDA Corp., Los Gatos, Calif., it was announced by William B. Hendershot, III, founder and chairman of the board. Before Fried's present appointment, he was vice-president, marketing and sales. Prior to joining ADDA in 1982, he was vice-president and general manager for Toshiba Broadcast Electronic Systems, Sunnyvale, Calif.

Stanley D. Becker has rejoined CMX Orrox as director of engineering. He was formerly manager of systems engineering at Harris Video, and he also directed engineering projects at Ampex and Echo Science. In 1973, he was director of engineering at CMX during the development of the CMX 340 and the System 50 editors.

Avtec Industries, Inc., Teterboro, N.J., recently announced completion of an extensive upgrading of the internal communications and editing systems for the Georgia Power Co. in Atlanta. The editing capability was expanded by adding an off-line/on-line 1-in. tape editing room. A minicomputer-based CMX-340X unit interfaces with a Grass Valley switcher and controls VTRs, an audio console, and several audio recorders. Also added was a complete off-line ¾-in. tape editing facility, and a second channel to the Chyron character generator.

Mainframe, 430 First Ave. N., Minneapolis, MN 55401, is a new firm offering three-dimensional computer graphics animation and special effects graphics for use in motion pictures and television. The firm was formed as a joint venture of Control Data Corp., a computer manufacturer, and Badiyan Productions, Inc., a television production company.

BOOKS, BOOKLETS, BROCHURES

Strategies for Higher-Definition Television, by Tim Johnson, a 410-page report, is available from Knowledge Industry Publications, Inc., 701 Westchester Ave., White Plains, NY 10604, at a price of $395. The report projects that the ordinary TV receiver will benefit from advances in satellite and microchip technology to furnish a picture bigger and sharper than is possible with current sets – enhanced TV. It will then be possible to deliver true high-definition television, providing a picture twice as wide as it is high, with 35mm picture quality and stereo sound – ultimate TV. The author predicts, "With high-definition television, we could be seeing one of the boom industries of the 1990's."

The author explains that to improve the TV picture without taking up so much bandwidth (as the NHK system), enhanced TV uses a large semiconductor chip to scan the picture twice, store it, and then show it, providing increased precision with no increase in the number of lines. Thus, enhanced TV systems preserve the scanning format and aspect ratio of existing TV systems, but have an improved signal format.

Contained in the 410 pages of the report are 36 illustrations and 40 tables, as well as a glossary, bibliography, and index of contact names and addresses.

The 16-mm Motion Picture Film Maintenance Manual, by Craig A. Jones, provides practical information for persons responsible for maintaining an active circulating collection of 16-mm motion-picture films as well as for students. This manual originated from a research grant through the Consortium of University Film Centers (CUFC). It is the first in a monograph series presented by CUFC in an effort to promote the effective use of the motion picture.

The 120-page, illustrated manual provides basic, practical information, beginning with film structure. A table showing running times and film length is provided. The manual discusses film storage and handling and inspection methods, and goes into considerable detail about film damage – its causes, prevention, and repair. It is well written, easy to read, and should be helpful to anyone working with 16-mm film.

Professional Lighting Handbook, by Verne and Sylvia Carlson, takes a how-to approach to motion-picture lighting. It provides practical guidelines for setting up and using professional lighting equipment. Fully illustrated, the handbook provides useful information on every facet of lighting equipment, from lenses and housings to controllers and filters. The book contains 224 pages, 27 black-and-white photos, and 92 line drawings. It is available from the publisher, Focal Press, 80 Montvale Ave., Stoneham, MA 02180, at a price of $22.95.