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section reports



Fifty-eight members of the **Canadian Section** attended a lengthy technical session May 9 at the National Film Board sound stage, Montreal, during the annual convention of Canadian professional film societies.

Ray Brule of 3M Co. presented a paper on his firm's new drop-out compensator, and Copthorne Macdonald, Westinghouse Corp., presented a paper on "Improved Slow-Scan Television." Mr. Macdonald explained the problems involved in using vidicons at very slow scanning rates and described new experimental tubes used in transmitting high-definition pictures over telephone lines. His description of a new weather-radar repeating system was of great interest to members of the McGill Stormy Weather Research Group present.

Two speakers repeated technical presentations they gave at the 93rd Convention in Atlantic City. They were P. M. Carey, Central Dynamics, Ltd., Montreal, whose convention paper was entitled "Simulating the Moving Perspective View from an Aircraft," and Leo O'Donnell, National Film Board, "Operating Experience with the Pilot-Tone Synchronization System."

A refreshment break during the four-hour session was sponsored by Park Photo Supply of Montreal.

The next day, the Section members went on technical tours of the Film Board, the Canadian Broadcasting Co. and private TV stations. There was a showing of the Canadian Film Award winners at the Theatre Ville Marie, followed by a cocktail party and dinner with the Association of Motion Picture Producers and Laboratories of Canada. The Society's Canadian Laboratory Practices Subcommittee also met during this period.—Michael W. Barlow, *Section Chairman*, c/o CFCF-TV, 405 Ogilvy Ave., Montreal, Que., Canada.

The organizational meeting of the new **Cape Canaveral Section** brought 25 persons to the Patrick Air Force Base Officers' Club on May 3.

V. D. Armstrong was elected temporary chairman and W. G. Wiest, temporary secretary-treasurer. The temporary managers are Lloyd A. D. Colvin, Ralph Haburton, Eduardo More, R. Murphy, and Arch D. Smith.—W. G. Wiest, *Secretary-Treasurer*, 122 N. Indian Hill Circle, Cocoa, Fla.

The **Hollywood Section**, meeting May 28 at Walt Disney Studios, Burbank, heard technical presentations on "Conversion of Black-and-White Motion-Picture Processing Machines to Viscous-Layer Development" and on "Controlling Scene Luminance Ratios As a Means of Improving the Quality of Television Images." The meeting was attended by 144 persons. The paper on viscous-layer development

had been presented at the 93rd Convention by Leslie I. Edgcomb and Gerald M. Seeley of Eastman Kodak Co. It was read to the Hollywood group by Roderick T. Ryan of Kodak.

Messrs. Field and Akin of Gamma Scientific, Inc., San Diego, demonstrated a luminance analyzer and discussed its application to live television and color filming.

The guest speakers and 45 members attended a premeeting dinner at The Smoke House in Burbank.—D. J. White, *Secretary-Treasurer*, c/o Magnasync Mfg. Co., 5546 Satsuma Ave., North Hollywood, Calif.

Guest speakers at the meeting of the **Huntsville Section** May 21 were William D. Hedden and Lee Davis, both vice-presidents of Calvin Productions, Inc., Kansas City. Fifty members and guests were present at the meeting in Holiday Inn.

Mr. Hedden presented a paper on Calvin's Ektachrome processing machine, and Mr. Davis spoke on production techniques at the Kansas City firm. Earlier, the two guest speakers were given a tour of photographic facilities and other points of interest at the Army Missile Command and the Marshall Space Flight Center, and were guests at a luncheon and a premeeting dinner.—Karl LaRoche, Jr., *Secretary-Treasurer*, 2209 Euclid Rd., N.W., Huntsville, Ala.

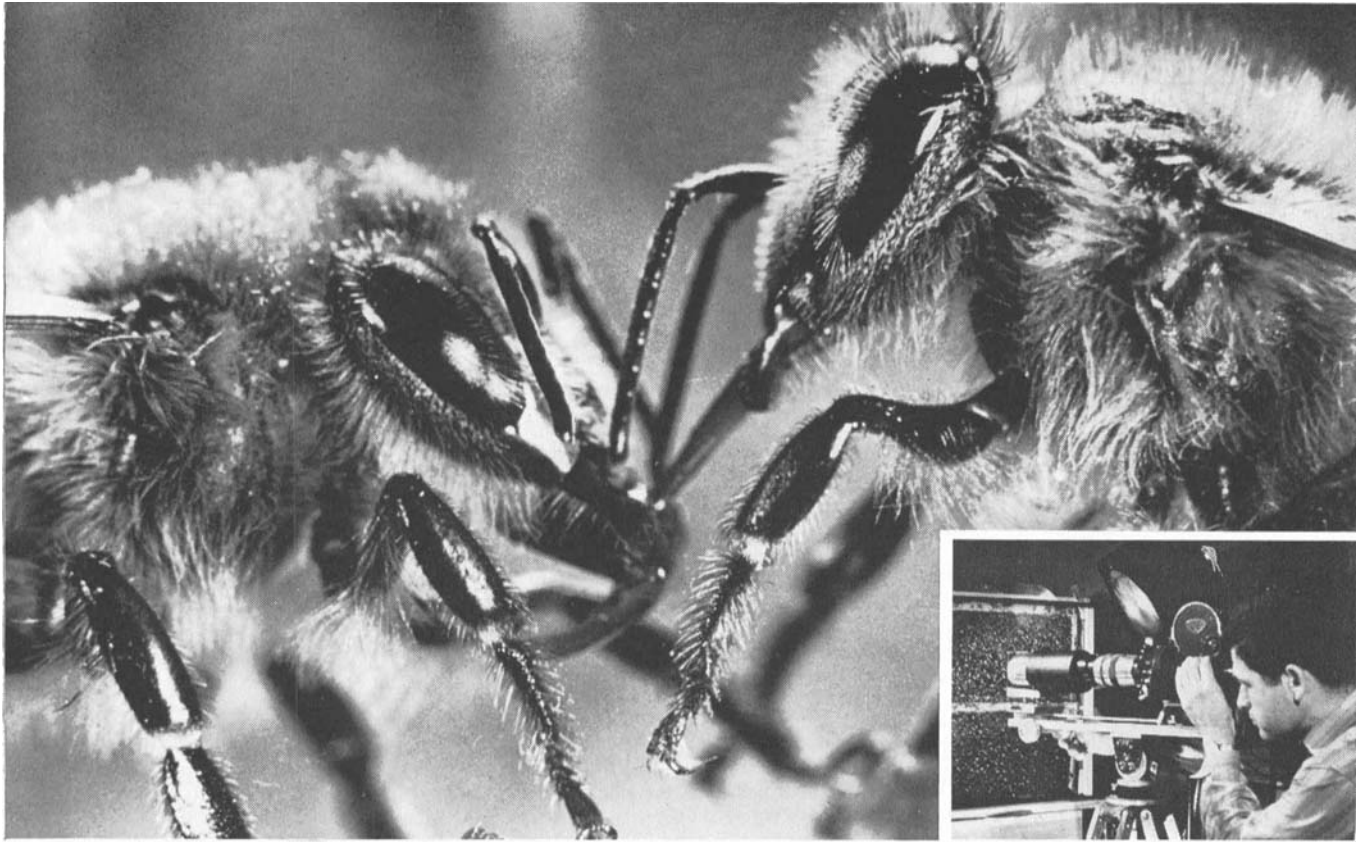
Sixty-nine members and guests of the **Rochester Section** heard a tutorial paper on chemistry and color photography at the meeting March 21 at Eastman Kodak Co. The paper was presented by Dr. Paul W. Vittum of Kodak Research Laboratories.—Bruce R. Beiswenger, *Secretary-Treasurer*, 1653 Titus Ave., Rochester 22, N.Y.

A paper entitled "All About Grain" was presented at the April 25 meeting of the **Rochester Section** by D. M. Zwick of Eastman Kodak Co. Fifty-one persons attended the meeting at Eastman House.

The novel announcement of the program read: "A smooth presentation of a rough subject. To look at grain from all sides, we have assembled a panel of experts. The panel will include: D. M. Zwick, Research Associate in Color Photography in the Kodak Research Laboratories, who will discuss the genesis and formation of granularity in silver and dye images; Daan Zwick, popular photographic writer, who will relate granularity to graininess from physical, psychophysical and alchemical aspects; Mr. Daan M. Zwick, president of Swixpix, who will present the motion-picture photographer's point of view on graininess, and D. Zwick, local Standard Observer, who will attempt to reconcile the diverse ideas and opinions of the other panelists."—Bruce R. Beiswenger, *Secretary-Treasurer*, 1653 Titus Ave., Rochester 22, N.Y.

Members and guests of the **San Francisco Section** met May 14 at KGO-TV for a talk by A. J. Trost of Ampex Corp. on the firm's new transistorized processing amplifier. The amplifier, which was demonstrated at the meeting, had been described

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in a paper presented by Mr. Trost at the 93rd Convention in Atlantic City.—Harry N. Jacobs, *Secretary-Treasurer*, 333 Buena Vista, Mill Valley, Calif.

The **Washington Section** heard John A. Maurer of JM Developments, New York City, discuss his latest developments in 8mm sound equipment at the meeting May 10 at the National Academy of Sciences. Twenty-six persons attended.

Mr. Maurer showed one of his 8mm sound films with a self-threading 8mm projector of his own design. A lively discussion period followed.

Coffee and pastry were served, courtesy of Anasco.—Willis M. Warren, *Secretary-Treasurer*, c/o Wilmo Corp., 3322 M St., Washington 7, D.C.

Harold E. Dixon of Walter Reed Army Institute of Research spoke before the May 23 meeting of the **Washington Section**. The meeting was held at the Army Medical Center.

Mr. Dixon, who is chief of the Institute's Research Films Section, spoke on new techniques in medical motion-picture photography. He presented film clips resulting from one-, two- and three-camera operations.

A buffet dinner preceded the meeting.—Willis M Warren, *Secretary-Treasurer*, c/o Wilmo Corp., 3322 M St., N.W., Washington 7, D.C.

Obituaries



Jack C. Greenfield

Jack C. Greenfield, 49, died suddenly on June 24 as the result of a heart attack. A Fellow of the Society, he was electronics engineer at the U.S. Naval Photographic Center, Anacostia, D.C.

Born in Corry, Pennsylvania, he worked as Chief Motion Picture Sound Engineer at DeFrenes Company in Philadelphia from 1937 until he entered the Navy in 1943. During the war he served as Assistant Transmission Engineer in the Sound Branch at the Photographic Science Laboratory, U.S. Naval Air Station, Anacostia, where he had a substantial part in the production of many outstanding motion pictures of World War II. After his discharge he remained as a civilian at the Laboratory, which later became the U.S. Naval Photographic Center. For fifteen years he was Transmission Engineer and Assistant Head

of the Sound Branch. During this time he engineered the conversion and modernization of equipment to magnetic recording, and he contributed greatly to the improvement in sound quality of color motion pictures.

Mr. Greenfield pioneered the development of television kinescope films for the Navy training and information program. He became the Head of the Television Branch at U.S. Naval Photographic Center and at the time of his death had designed and installed one of Washington's most complete and modern government installations for the production of films by kinescope recording.

A member of the Society since 1944, he was made a Fellow in 1958. He was a member of the Sound Committee and served as Manager of the Washington Section during 1957-58. Among other activities he served on Local Arrangements Committees for various of the Society's Conventions, particularly those held in Washington, D.C. Membership in other organizations included charter membership in the Society of Photographic Scientists and Engineers.—*Joseph E. Aiken.*



Jack Bernard

Jack Bernard, President and Chairman of the Board of Rapid Film Technique, Inc., died suddenly June 6 at his home in Scarsdale, N.Y. He was 59 years old. In 1940 he became interested in a process for restoring and rejuvenating motion-picture films and he directed the development of pilot machines and formulas. He opened his first laboratory and office at 21 W. 46 St. in New York. As a result of his interest in this field, he became known as the "Film Doctor." In 1954 his firm was incorporated as Rapid Film Technique, and the laboratory was moved to its present quarters at 137-02 27 St., Long Island City 1, N.Y. Following the move to Long Island City, Mr. Bernard's company organized a subsidiary for shipping films for television distributors. In 1960 the firm entered the 8mm amateur field and franchised several hundred retail photographic outlets.

Mr. Bernard was active in a number of motion-picture organizations. The firm he founded will continue under the direction of his long-time associate, Henry Lloyd, Secretary-Treasurer, and his son, Marvin Bernard, Executive Sales Director.

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