

## section reports



The Atlanta Section met on February 16 at Bradley Observatory, Agnes Scott College, Decatur, Ga., with an attendance of 31. Dr. William Calder of the Agnes Scott College addressed the group. His subject was Radio Astronomy.

Dr. Calder presented slides showing pictures taken with optical telescopes of some of the known sources of the radio waves that permit the relatively new field of radio astronomy. These waves are hydrogen emission with a frequency of 1420 mc. In addition, pictures were shown of existing radio telescopes and an engineer's rendering of the 600' telescope being built by the United States in West Virginia. This telescope will be twice as large as any existing radio telescope and will be a considerable step forward both in range and definition.

While these radio telescopes may or may not be able to answer the question as to whether the universe is continuously expanding, they give strong support that it is. So far a Doppler shift has been observed that agrees with the shift that has been observed optically. The range of the 600' telescope will give information as to whether this Doppler shift is observable at much greater distances than is now possible to observe even with the 200" optical telescope.

After the meeting the members were allowed to inspect the college's optical telescope. Unfortunately, the evening was overcast and it was not possible to do any star gazing. Dr. Calder also demonstrated a small planetarium that he had built and invited all members of the Section to attend meetings of his astronomy club, which meets at 8 p.m. on the third Friday of each month.

The new appointive officers, Bob Holbrook, Program Chairman, and Durward Thayer, Membership Chairman, were announced at the meeting.—Wesley R. Sandell, *Secretary-Treasurer*, c/o Kodak Processing Laboratory, 4729 Miller Dr., Chamblee, Ga.

The Dallas-Fort Worth Section met on February 18 at the Beard and Stone Auditorium in Dallas with an attendance of 55. Guest speakers were Gordon Tubbs of Eastman Kodak Co., who discussed "Eastman Kodak Ektachrome E. R. Film" and Bruce Jamieson of Jamieson Film Co., whose subject was "Processing of Kodak Ektachrome E. R. Film."

Mr. Tubbs' discussion included some history of the development of Ektachrome E. R. Film and covered the general properties of this new emulsion. He screened original reversals, prints made from these originals and shots made under various lighting conditions, including exposures at 3000 frames/min.

Mr. Jamieson talked about his experiences in processing Ektachrome E. R. Film and the development of a procedure to be used with their high efficiency tube type

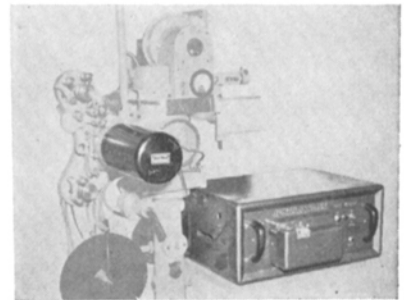
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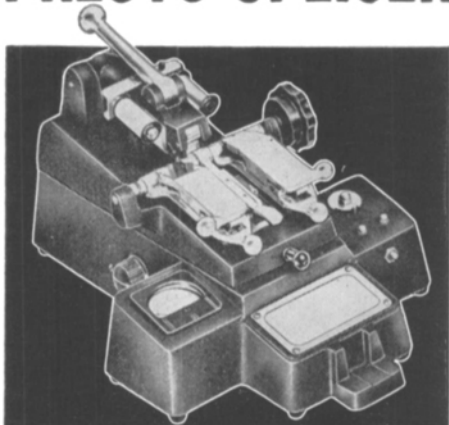
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machine, which he discussed before our Section last July. He then screened some test films that his company has shot for experimental uses in developing a processing procedure. These scenes ranged from illumination levels of a match used by the subject, to exteriors shot at  $f/16$  with a  $45^\circ$  shutter.

At the close of the meeting, the group visited the nearby studios of Jamieson Film Co., where we inspected their facilities for processing this film. Coffee and cookies were served at the studio.—Malcolm D. McCarty, *Secretary-Treasurer*, 4401 Wildwood Rd., Dallas, Texas.

The Hollywood Section met on February 16 at NBC Studio E with an attendance of 300. Speakers were Robert Gunther, Aerojet General Corp., who discussed "Infrared"; Jay E. Gordon, North American Aviation, whose subject was "Nautilus Arctic Passage"; Bill Gibson, Douglas Aircraft Co., who talked about "The Big Reach"; and Betty Williams, Lockheed Aircraft Corp., who discussed "The Big Stick."

The general theme of the program was "The Role of Motion Pictures in Industry as a Communications Tool." The program was presented by the Industry Film Producers Association, whose president Mr. Gunther described briefly the aims and purposes of the Association. The IFPA Secretary, Jack R. Smith of Thompson-Ramo-Wooldrige, introduced each of the above-mentioned speakers who gave supplementary information about their films.—Ralph E. Lovell, *Secretary-Treasurer*, 2554 Prosser Ave., Los Angeles 64, Calif.

The New York Section met on February 10 at the World Affairs Center Auditorium with an attendance of 132. Guest speaker Anthony H. Lind, Radio Corp. of America, discussed "Fundamentals of Video-Tape Recording Machine Design and a Status Report of their Operation."

Mr. Lind presented a concise discourse on the fundamentals of video-tape machine design, illustrating his talk with slides showing the key areas of control and principles of operation. After the coffee break, the meeting reconvened for a question-and-answer period covering the current scope of video-tape use, and probable growth.—James W. Kaylor, *Secretary-Treasurer*, c/o Moviellab Film Laboratories, Inc., 619 West 54 St., New York 19.

The Rochester Section met on February 18 at the Dept. of Radiology, Strong Memorial Hospital, Univ. of Rochester, with an attendance of 72. Sidney Weinberg discussed cinefluorography at the meeting. Mr. Weinberg is an associate in cinefluorography, Dept. of Radiology, Rochester School of Medicine and Dentistry.

Mr. Weinberg demonstrated his projector adaptation which allows for still framing, reverse projection and forward speed at various film rates. The demonstration was done with scenes showing athletes in action.

After demonstrating the projector, he showed movies made through the technique of cinefluorography. Following this showing, the group toured the facilities of the Cinefluorography Dept. Much of the equipment used there has been designed by Mr. Weinberg and members of his group.

This second meeting of the 1960 season proved to be very interesting. A discussion period of about an hour followed the demonstrations of X-ray motion pictures that were shown after the formal presentation.—Wilbur G. Hill, *Secretary-Treasurer*, 10 Hillcrest Ave., Binghamton, N.Y.

The San Francisco Section's members preceded their February 9 meeting with cocktails and dinner at the Rathskeller Restaurant, afterwards gathering at the KGO-TV Studios, with 54 attending, to hear two guest speakers from Los Angeles.

Ralph Sogge, of Magnasync Mfg. Co., Los Angeles, spoke first, on "Equipping Modern Motion-Picture Sound Recording Studios." He described the equipment made by Magnasync as being designed around a high quality film transport. Using this transport system as a heart and adding elements as needed the Magnasync system may be expanded from a basic fundamental recorder to any degree of complexity, according to the requirements of the user. A question and answer period followed.

The second speaker of the evening was D. J. White, President of Magnasync. Mr. White presented "The Nomad," a completely self-contained portable and versatile sound system with professional lip-sync sound, designed for the serious amateur.

Magnasync equipment was available for inspection after the meeting.—Frank Mansfield, *Secretary-Treasurer*, 57 Stoneyford Ave., San Francisco 24.

A social evening started an exciting year for the Washington, D. C., Section. One hundred and fifty members and guests met February 17 at the Motion Picture Association of America's Academia for an evening of entertainment and refreshments.

Howland Pike, the new chairman, welcomed the members and guests. He described the aims of the Society so that our guests could better understand our function. Speaking further, Mr. Pike reminded the membership to remember the "other fellow" when programs were being planned.

John L. "Scott" Robertson, Jr., (Board of Managers), was introduced as the Program Chairman.

Mr. Robertson outlined the possible programs for which the Washington, D.C., Section has tentative arrangements. The membership was asked what programs they would support with their own attendance and would encourage them to invite guests. The attending members indicated a preference for two papers on one program and both papers to be on one or a closely related subject with plenty of time for discussion.

It was later decided to poll the entire membership via a letter to ascertain their desires on programming for 1960. Because of this, no results of the poll taken during the meeting are being made public at this time.

The program committee was greatly encouraged by the enthusiastic acceptance of the majority of the proposals—certainly enough to guarantee a memorable year with some left over for 1961!—William E. Youngs, *Secretary-Treasurer*, 235 E. Greenway Blvd., Falls Church, Va.

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