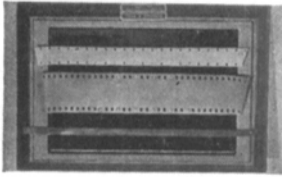


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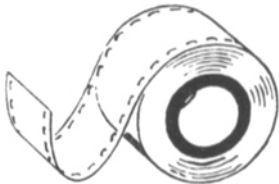
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At the Chicago Section Regional Meeting at Ames, Iowa: left to right—Dr. Warren Boast, Administrative Assistant at Iowa State College; Kenneth M. Mason, Chairman, Chicago Section; Dr. M. Coover, Dean of Iowa State Engineering Dept.; R. Patterson, Engineering Administration Staff, Iowa State College; Geo. W. Colburn, SMPTE Treasurer.

### Chicago Section Regional Meeting

In keeping with the usual standards and tradition of the Chicago Section Regional Meetings, the 1957 session in Ames, Iowa, was a great success. The meeting was held on Friday and Saturday, November 8 and 9, at Iowa State College, Ames, Iowa, with the Motion Picture Production, Engineering and Television people in charge of arrangements and acting as hosts. In particular, the thanks of the Section go to Steve Knudsen, Head of the Motion Picture Unit; Ralph Patterson, Staff Administrator in the Engineering Department; and Bill Hughes of the Electrical Engineering Department. Steve Knudsen, by the way, was elected to a two-year term as Manager of the Chicago Section and the announcement was made during the regional meeting.

Twenty-three local members left Chicago on the Chicago & North Western Railroad morning train for the Ames meeting. Accommodations on the train, arranged by Dick Hertel of Kling Studios, were excellent but apparently Dick's authority extended only this far. The train was without an engine and did not leave Chicago station until an hour after scheduled departure time. Helped along by a fifteen mile per hour freight train on the track ahead, our special streamliner managed to lose an additional hour's time, so the somewhat weary but undaunted riders arrived at Ames just in time to break for the cocktail party and dinner. Actually, we were able to get one paper in before dinner so that the afternoon could be called official.

The lateness of arrival and associated inconvenience were more than compensated for by the outstanding program arranged for by Bill Smith, Lakeside Laboratory, Chicago Section Program Chairman, and the boys at Iowa State. Papers were given on Friday afternoon, Friday evening and Saturday morning. Authors and titles follow:

- "Radio, Television and Motion Picture Training at Iowa State College" by Dr. Joseph North, Iowa State College.
- "TV Station Operation and Activities" by Charles F. Quentin, KRNT-TV.
- "Problems of Small Laboratory Operation" by John I. Newell, Western Cine Service.

"Symposium — 16mm Color Internegative/Positive" — Robert and George Colburn, Colburn Laboratory; J. R. Stillings and Neil Rowland, Lakeside Laboratory; W. D. Hedden, Calvin Company.

"The Special Problems Involved in Educational TV Operation" by Don Haahr, WOI-TV.

"A New High-Speed 16mm Reversal Color Camera Film" by Harold Jones, Ansco.

"The Development of the PerceptoScope, a Multi-Function 16mm Projector" by Frank Vanderwall, Perceptual Development Laboratories.

"A Film Production Service on a University Campus" by Steve Knudsen, Iowa State College.

"General Considerations of Lighting for Motion Pictures for Monochrome and Color Television" — Mr. T. Gentry Veal, Eastman Kodak Company.

"The Role of Black and White Film in Color Television" by Bill Hughes, Iowa State College.

As a final treat for the more adventurous members, reserved seat tickets were available for the Iowa State-Nebraska football game which was played in Ames on Saturday afternoon. To make the whole occasion complete, the return train was also several hours late on arrival in Chicago.

It should be mentioned that the meeting facilities provided in the Engineering Auditorium at Iowa State College were among the best that the Chicago Section has ever enjoyed. In addition to the twenty-three Chicago travelers an additional sixty members and guests attended this fine meeting.—Ken Mason, Chairman, c/o Eastman Kodak Co., 130 East Randolph Dr., Chicago 1.

The Rochester Section held its October meeting on the 31st at the Dryden Theatre, George Eastman House. There was an attendance of 60 including members of the Optical Society of America who were the guests of the Section. Rudolf Kingslake, Eastman Kodak Co., presented a paper entitled "The Optics of the Lenticular Color Film Process." C. E. Page of Hazeltine Research then read a paper on "An Instantaneous Electronic Color Negative Film Analyzer" for the authors B. D.



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Loughlin, C. E. Page, W. F. Bailey, C. J. Hirsch, A. J. Miller, and L. Giarraputo. An interesting demonstration by Leonard Giarraputo, Pathe Labs, and a 35mm film followed the reading. Both papers had previously been given at the 82nd Convention. A pre-meeting dinner with the speakers was held at the Treadway Inn.—*A. E. Neumer*, Secretary-Treasurer, c/o Wollensak Optical Co., 850 Hudson Ave., Rochester 5, N.Y.

The Rochester Section held its December 5 meeting at the Rochester Museum of

Arts & Sciences. As the final meeting of the calendar year, 70 members and guests of the section were privileged to hear a repeat of a paper by Dr. Fillmore R. Park, National Research Council of Canada. Dr. Park had first presented his paper entitled "Photography and the Geophysical Year" at the 82d Convention in Philadelphia.

Fourteen members including our Sections Vice-President, Ed Stifle, met with the speaker for dinner prior to the meeting. A 16mm short made by IBM illustrating various phases of the Vanguard project rounded out the program.—*A. E. Neumer*,

Secretary-Treasurer, c/o Wollensak Optical Co., 850 Hudson Ave., Rochester 5, N.Y.

The San Francisco Section took a guided tour through the Curtis-Lloyd Tube Co. plant in Berkeley, Calif., for its December 10 meeting. The methods used in the rebuilding of TV picture tubes was the subject of the tour and Curt Ingram, Rod Liles and Don Bledsoe, all of Curtis-Lloyd, were on hand to conduct the group of 18 through the plant and to answer all questions. All phases of the rebuilding were in

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operation for our inspection. The following steps were shown to the group; (1) Cleaning; (2) Adding glass to neck of tube for new gun; (3) Removing of old screen; (4) Redepositing new screen; (5) Aluminizing by vacuum plating; (6) Welding new gun into neck and cut-off; (7) Evacuating and sealing; (8) Final operating inspection. All were impressed with the great care that is being put into each operation. The Curtis-Lloyd Co. will rebuild any tube from 5 to 30 in.—*Werner H. Ruhl*, Secretary-Treasurer, 415 Molimo Dr., San Francisco.

**The Hollywood Section** meeting of November 19 was planned and presented by Society members interested in high-speed photography. The meeting, held at the National Broadcasting Co., Hollywood, had an attendance of approximately 300.

The meeting opened with an entertaining short subject followed by a discussion by Stan Gilman of the Missiles System Div. of Lockheed Aircraft Co., on the production of the progress film required under Table 210 of a military contract. Lockheed had produced a 16mm color film showing the steps in producing this required progress film. It outlined the duties of the producer, writer, project engineers, and management. This film was shown at the end of Mr. Gilman's talk.

Derwyn M. Severy, project engineer on Collision Injury Research at the Institute of Transportation Traffic Engineering, UCLA, gave a talk on "Photographic Instrumentation for Collision Injury Research." This was followed by films from cameras making high-speed photographic records from all angles around the point of impact in an automobile collision. It showed how the photographic instrumentation permitted quantitative data regarding the extent of accident injury to be obtained.

Roy L. Wolford, supervisor of photography for Northrop Aircraft Co., discussed the many applications of high-speed motion-picture photography in research and presented a film which showed examples of many such applications. His film illustrated pictures made at frame rates from 200 frames/sec through 7000 frames/sec, and covered many branches of instrumentation photography.—*Robert G. Hufford*, Secretary-Treasurer, c/o Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood 38.

**The Hollywood Section** December 10 at the Academy Award Theatre in Los Angeles attracted a gathering of approximately 285.

Roy Leighton of the Lamp Division of General Electric discussed the recent development of a special type collector grid for use in high-wattage incandescent lamps used for motion-picture studio lighting. He discussed the causes and effects of lamp blackening to show the need for such a collector grid to maintain the beam lumen output of such lamps at a high level until filament failure occurs, rather than having to discard such lamps when their lumen output decreases substantially due to lamp blackening. Mr. Leighton had several of these new lamps on hand to show at the meeting. Frank E. Carlson, also of the Lamp Division of General Electric, discussed the evaluation of the performance of

these new lamps and the instrumentation that was developed for such evaluations.

Charles J. Hirsch, Executive Vice-President, Hazeltine Research Corp., discussed in detail the instantaneous electronic color film analyzer which this company has developed for color and black-and-white motion-picture timing. This device is especially useful in that it electronically converts the negative image into a positive image and, at the same time, inserts the positive film characteristics so that the timer is able to see a color positive image that should look substantially the way a color print made from the color negative being analyzed would appear. In addition, controls are provided to enable the timer to vary the intensity and the color of the timing lights to alter the balance to give the most pleasing picture, or the effect that the timer is after. The data from these controls may then be employed on the motion pic-

ture printer on which the release color positive is made.

This development has been a cooperative project between the Hazeltine Research Corp., and Pathe Laboratories in New York. Leonard Giarraputo, of Pathe, discussed the implementation of this color timing device in the Pathe Laboratories and the training of the color timers to use this aid. He showed two color motion-picture prints, one of which was a "one-light" print, and the second, made from the same negative, that was balanced both for color and density using the instantaneous color film analyzer. These films graphically illustrated the ability of this color television instrument to enable a commercially acceptable first print to be made from the information supplied by this device alone.—*Robert G. Hufford*, Secretary-Treasurer, c/o Eastman Kodak Co., 6706 Santa Monica Blvd., Hollywood 38.



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