

## SOCIETY ANNOUNCEMENTS

### ATLANTIC COAST SECTION MEETING

The subject of sound quality measurement was discussed at the meeting of the Atlantic Coast Section on December 13, 1944, at the Hotel Pennsylvania. Dr. E. Meschter, research physicist, Photo Products Department, E. I. du Pont de Nemours, Parlin, N. J., spoke on practical aspects of intermodulation tests.

Dr. Meschter reviewed the theoretical basis for such tests and explained some of the practical precautions necessary in both recording and reproducing the test tracks. He pointed out that intermodulation tests may be used not only to determine the best processing conditions for a particular combination of negative and positive film emulsions, but that they may also be used to determine the best characteristic curve from a variety of emulsions similar in other respects but differing in the shape of the H and D curve.

Fred G. Albin of RCA, formerly of Samuel Goldwyn Studios, Hollywood, gave a résumé of some work which he had done in investigating the cause of erratic results in intermodulation tests. He pointed out that the conventional test may be affected by negative development in which the "directional effect" or lack of sufficient agitation of the developer is appreciable. In such cases Mr. Albin found that a more representative test was obtained by using a low frequency between zero and 200 cycles, depending upon the developing conditions.

The meeting was opened with a showing of the 16-mm motion picture, "The Diode."

### EMPLOYMENT SERVICE

#### POSITIONS OPEN

The following positions of interest to SMPE members were available at JOURNAL press time. Applicants should apply *direct* to company at address given.

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Young man with several years' experience in Motion Picture Camera and Projector design. Must have mechanical background with a knowledge of motion picture industry requirements. Write or telephone for interview. Akeley Camera, Inc., 175 Varick St., New York 14, N. Y. Walker 5-7954.

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Optical engineer's assistant. Acquainted with optical laboratory routine, ray tracing and similar problems in related scientific fields. Reply to Optical Engineering Department, DeVry Corporation, 1111 Armitage Ave., Chicago 14, Ill.

Notices from business organizations for technical personnel and from members of the Society desiring technical positions which are received before the 15th of the month will appear in the JOURNAL of the following month. Notices should be brief and must give an address for *direct* reply. The Society reserves the right both to edit or reject any notice submitted for publication.



*We are grieved to announce the deaths of George P. Bourgeois, Associate member of the Society, on October 9, 1944, Raymond B. Murray, Active member, on January 3, 1945, and A. J. Seeley, Active member.*