

Academy Awards

Five Academy Awards were presented this year for scientific or technical achievements in Class II and Class III categories by the Academy of Motion Picture Arts and Sciences at its 34th annual presentation ceremonies. For the fourth consecutive year no award was made in the Class I category. In 1958 the Society was awarded the Class I "Oscar" and since then there has been no recipient of this rarely presented award.

This year's Class II awards (represented by plaques) were presented (in the following order) to:

Sylvania Electric Products Inc., for the development of a hand-held, high-power photographic lighting unit known as the Sun Gun Professional.

James Dale, S. Wilson, H. E. Rice, John Rude, Laurie Atkin, Wadsworth E. Pohl, H. Peasgood and Technicolor for a Process of Automatic Selective Printing. This process combines a cuing distance counter with an automatic optical printer so that scenes may be selectively deleted, shortened or interchanged for different versions of a motion picture without recutting the negative.

20th Century-Fox Research Department, under the direction of E. I. Sponable and Herbert E. Bragg, and DeLuxe Laboratories, Inc., with the assistance of F. D. Leslie, R. D. Whitmore, Alex E. Alden, Endel Pool and James B. Gordon for a system of decompressing and recomposing

CinemaScope pictures for conventional aspect ratios.

Class III Awards (represented by Certificate of Honorable Mention) were presented to:

Hurletron, Inc., Electric Eye Equipment Division, for an Automatic Light Changing System for motion-picture printers.

Wadsworth E. Pohl and Technicolor Corporation for an Integrated Sound and Picture Transfer Process. This development combines soundtrack printing and developing with the three dye-transfer operations into a single process.

New Membership Grade — Life

At the Business Meeting of the Society membership held on April 30, 1962, at the Ambassador Hotel in Los Angeles, certain changes in the Bylaws of the Society were approved. (See the April *Journal*, Part 2, pp. 15-20.) Of particular interest to our elder members are the changes which establish the new membership grades of Life Member and Life Fellow.

The provisions of the Bylaws which have been adopted with respect to these new membership grades are as follows:

The membership of the Society shall consist of the following grades: Honorary, Sustaining, Life Fellow, Fellow, Life Member, Active, Associate and Student.

An individual is eligible for Life Membership who meets the following qualifications: (1) is at least 65 years old, (2) is

retired from active business life, (3) has been an Active Member or a Fellow for a total of 20 years, (4) who has at least 5 years of continuous membership immediately prior to application. Individuals who hold the grade of Fellow at the time of application will become Life Fellows and Active Members will become Life Members.

Life Members and Life Fellows shall be entitled to all the rights and privileges of Active and Fellow Members.

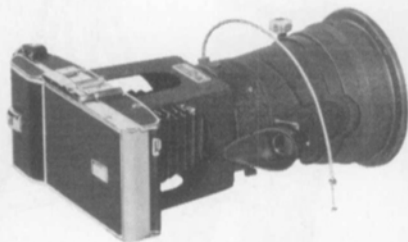
Life Fellows and Life Members are not required to pay any further dues after the end of the year in which the Life Membership is awarded.

Life membership grades will not be conferred automatically but will be granted only upon written application to the Secretary by a qualified member.

Upon determination by the Secretary that an applicant meets the qualifications and upon approval of his application by the Executive Committee, the applicant shall be awarded the appropriate Life Membership grade in the Society.

It should be noted that these grades of Life Member and Life Fellow are not conferred automatically but only upon application by qualified members. Members who are fully qualified and who desire to make application should write to The Secretary, SMPTE, 55 West 42nd St., New York 36, N.Y., including the following statement:

I wish to apply for the grade of Life Membership in the Society of Motion



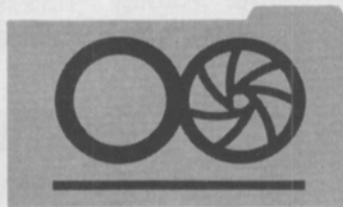
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Picture and Television Engineers, and hereby certify the following:

(a) That I have retired from active business life.

(b) That I am over the age of 65.

(c) That I have been an Active and/or Fellow member of the Society for a total of twenty (20) years; and that I have been a member for the last five (5) consecutive years prior to this application.

C. S. Stodter, *Executive Secretary*

Education, Industry News

Sixty papers grouped under eleven session topics were presented at the **Annual Conference of the Society of Photographic Scientists and Engineers** held May 7-11 in Boston. In addition, a group of four invited papers covering the very latest developments and findings in the field was presented Wednesday evening, May 9. More than 40 exhibitors displayed recently developed equipments and demonstrated new techniques at the exhibit held in conjunction with the Conference.

Session topics covered Cameras and Photoinstrumentation; Aerial Reconnaissance; Exposure Theory; Optoelectronic Printing; Processing Equipment; Processing Techniques and Materials Technology; Image Theory and Measurement; Photosensitive Systems and Theory; Densitometry and Sensitometry; Processing Chemistry; and Satellite Photography.

Highlights of the Conference included

a paper presented by Leonard W. Tregillus, of Kodak Research Laboratories, which described web processing, a method designed for emulsions such as Kodak Special High-Definition Aerial Film. The film is brought into contact with a web of water-receptive material previously soaked in processing solution. The solution acts as both developer and fixer. Fixing is accomplished by means of the deposit of undeveloped negative silver in the web. After the film has been in close contact with the web for the specified time, the web is peeled off the film and the negative is dried.

Also described in a paper presented at the SPSE Conference was a recently developed method for testing the photographic inertness of materials used in photoprocessing. The paper, by Paul J. Mutter and Lloyd E. West, Eastman Kodak Co., noted that the method, now under consideration by the American Standards Association Sectional Committee PH4 on Photographic Processing, does not require any specialized equipment. Construction materials are tested with the same equipment, techniques, solutions, film and paper used in production.

InterTel, N.V., a new television program recording organization operating throughout Europe, uses a specially built Marconi mobile four-camera television outside broadcast and video-tape recording unit which incorporates a number of new features. The unit consists of two semitrailer



Carlos H. Elmer, Past Chairman of the SMPTE Engineering Committee on High-Speed Photography and Instrumentation, left, presents copy of the Proceedings of the Fifth International Congress on High-Speed Photography to **Donald Douglas, Sr.**, Chairman of the Board, Douglas Aircraft Co. Mr. Douglas served as a member of the Committee of Honor of the Fifth Congress, and the volume was presented on behalf of President Services in appreciation of Mr. Douglas' long-standing interests and support of this field of technology.

vehicles, one housing camera channels and associated equipment and the other the video-tape recorders. Each is towed by a 7-ton Bedford long-wheel-base tug. Although in the form of two separate vehicles the television and video-tape recording

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