

immediately recognized, is that of possible overlapping or conflict of inter- and intra-organization interests. This problem is one which, apparently, members of ACE and other organizations are making a serious and dedicated effort to solve.

Among the early paeans of praise, the powerful *Hollywood Reporter* (Dec. 9, 1958) sounded a slightly discordant note. "If the 26-member committee of ACE really takes hold of things," the *Reporter* stated, "the industry as a whole will benefit. However, we suggest that each member of the committee confer at great length with the men and women actually running their theaters. . . ."

Divested of the superlatives, it would appear that the formation of ACE represents a sincere attempt by able, responsible men to make a rational approach to a grave problem. Its effectiveness depends on the ability of representatives of the diverse groups within the organization to achieve a unified point of view and also, in some degree, on making the "grass-roots" approach suggested by the *Hollywood Reporter*.

It could also be suggested that along with combatting "evils," such as toll TV, a positive and constructive course of action might be encouraged. The concept of the "positive approach" was suggested by the 1956 Progress Report which related "accelerated activity" in the motion-picture field to new developments, to inventions, new ideas and to better adaptation and application of long-accepted ideas and developments.

The MPICC Approach

The "positive approach" to problems affecting the entire industry may be exemplified by action taken by the Motion Picture Industry Council of Canada. The Resolution approved at the Fall meeting states in part:

"Whereas stereophonic high fidelity is an outstanding improvement over any monaural sound (and) is even more suitable to motion pictures than for home listening, although less obvious; whereas the motion-picture industry pioneered the public use of stereophonic sound and greatly furthered high fidelity, it, therefore, seems a great pity that, having done all this, we are now letting others capitalize on our own efforts. . . . therefore be it resolved that the Motion Picture Industry Council of Canada recommends and strongly urges all theaters that can possibly do so to install modern sound equipment. . . and further recommends and strongly urges all producers and distributors to make available pictures recorded in a modern manner — by modern, the Council means stereophonic magnetic recording and playback."

The MPICC approach represents what is perhaps the most positive of all positive thinking, the ability to recognize new trends and new areas of public interest and to take full advantage of them. Stereophonic sound was added to the ACE agenda for topics to be discussed with heads of production and distribution. The action was taken during the February meeting.

It may be of interest that an objection has been raised to the term "stereo sound." Max Cohen, Chairman of the ACE Committee on Industry Research, said that the committee hopes to substitute a new and more suitable word for the "grossly misused" and "obscure" term, "stereo sound." The new word would refer exclusively to stereophonic sound in the theater.

It is obvious that there will be no quick or easy solution to the problems of the industry, but the enthusiastic welcome greeting the advent given the efforts cited above indicates that the "dying" industry is at present a lively invalid, and that the future may hold some surprises.—R.H.

Academy Awards

A 10-kw lamp and an anamorphic lens earned Class II Academy Awards this year in the Scientific and Technical category and Class III Awards were presented for the development of a high-speed intermittent movement for a 35mm motion-picture theater projection equipment and for a rapid fire semiautomatic compressed air gun, called a marble gun, which is used to simulate bullet effects on a water surface.

Plaques honoring Don W. Prideaux, Roy Leighton, and the Lamp Division of General Electric Co. were presented for the development and production of an improved 10-kw lamp for motion-picture set lighting. The Award-winning lamp is the subject of a *Journal* paper, "Design Improvements in High-Wattage Tungsten Filament Lamps for Motion-Picture and Television Studios" by Leroy G. Leighton and Alfred Makulec (*Journal* pp. 530-533, Aug. 1958). The citation states that the lamp "has doubled the life of its predecessor and maintains higher light output throughout its life. It is stronger mechanically, reducing losses in transport and handling."

Panavision Inc. received an Award for the design and development of the Auto Panatar anamorphic photographic lens. The citation states, "The novel design of these lens substantially reduces photo-

graphic lateral distortion and thereby improves close-up quality and overall definition." The Award was accepted by Robert E. Gottschalk on behalf of his firm.

A Certificate signifying Honorable Mention for a Class III Award was presented to Willy Borberg of General Precision Laboratory for the development of the high-speed projector intermittent movement which, because of a larger shutter opening permits a greater amount of light to pass through the film, thereby increasing screen brightness. "It allows better light distribution on the screen with lower flicker perception, and is a definite contribution to improved projection quality," the citation states.

The Award-winning device represents years of intensive study by Mr. Borberg. Earlier research has been reported in the *Journal*: "Modulated Air Blast for Reducing Film Buckle," pp. 94-100, Aug. 1952; also, "Effect of Gate and Shutter Characteristics on Screen Image Quality," pp. 623-626, Oct. 1957.

Fred Ponedel, George Brown and Conrad Boye of Warner Bros. were presented Class III Certificates for design of a rapid fire marble gun that simulates the effects of bullets striking water.

The Awards were presented during the Academy Award Presentation Ceremonies April 6.

Correction: The Advance Program for the 85th Convention published in the March *Journal* indicated on p. 170 that a Post-Convention Tour on Saturday, May 9, would include Cape Canaveral. This was in error in that the tour is limited to the Technical Laboratory at Patrick Air Force Base.

Education, Industry News

A color film on the subject of infrared spectroscopy was exhibited at the annual Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy held during the first week in March. The film, sponsored by Perkin-Elmer Corp., Norwalk, Conn., and produced by Rensselaer Polytechnic Institute, Troy, N.Y., delineates the theory of infrared spectroscopy and shows how it is used in research.

The London *Financial Times* has announced the appointment of an Industrial Film Correspondent to conduct a regular column on industrial and documentary motion pictures. The announcement stated that this is the first such column to be published by any daily newspaper in Great Britain. The paper has also organized a study group for participation in the In-