

SOCIETIES AND AWARDS

High-Polymer Physics Prize

Suggestions are currently being solicited for names of candidates to receive the 1964 American Physical Society High-Polymer Physics Prize, sponsored by the Ford Motor Co.

The \$1000 prize, established in 1961, is awarded "for outstanding accomplishment and excellence of contributions in high-polymer physics". It is not necessary that the recipient be a member of the American Physical Society, and there are no restrictions with regard to his nationality or the place where the cited work was carried out. Nominations for the prize are made by the Executive Committee of the APS Division of High-Polymer Physics and the final decision is the responsibility of the Council of the American Physical Society.

Suggestions, together with supporting material, must be sent before September 25 to Dr. T. W. DeWitt, Scientific Laboratory, Ford Motor Co., Dearborn, Michigan.

Acoustical Society

More than one thousand registrants took part in the 65th meeting of the Acoustical Society of America in New York City in May. The four-day program included the formal announcement of the election of Society officers and the presentation of some 250 contributed and invited papers as well as the traditional banquet, the presentation of the Society's Gold Medal, and an exhibit of acoustical instruments.

C. Paul Boner of the University of Texas succeeded Robert W. Leonard of the University of California at Los Angeles as president of the Society. Dr. Boner, who has been associated with the University of Texas for more than forty years, first as a student, and later as teacher and administrator, received his doctorate in physics there in 1929. He is a former vice president of the University and dean of its College of Arts and Sci-

ences. He currently holds the posts of professor of physics, executive director of the Office of Government Sponsored Research, and director of the Defense Research Laboratory. During World War II, Dr. Boner was associate director of the Underwater Sound Laboratory at Harvard University. He has also served as a consultant in the acoustical design of radio studios and auditoriums, and he is a specialist in the construction of pipe organs.

Cyril M. Harris, director of the Acoustics Laboratory and associate professor of electrical engineering at Columbia University, has been named president-elect of the Society. Dr. Harris was awarded his PhD in physics from the Massachusetts Institute of Technology in 1945. Prior to joining Columbia in 1952, he was a member of the staff of the Bell Telephone Laboratories.

Martin Greenspan of the National Bureau of Standards was elected vice president of the ASA. He is currently attached to the Bureau's Sound Section, where he is engaged in research in the elastic properties of materials and in the propagation of sound in fluids.

The Society has also announced the re-election of Wallace Waterfall as secretary, Herbert A. Erf as treasurer, and R. Bruce Lindsay as editor-in-chief of the Society's publications. ASA councilmen for the coming year include, in addition to the officers mentioned above, Robert W. Leonard, Vincent Salmon, James L. Stewart, Edward E. David, Jr., Horace M. Trent, Gordon E. Peterson, and Kenneth N. Stevens.

During the ASA banquet on the evening of May 16, outgoing President Leonard presented the Society's Gold Medal to R. Bruce Lindsay, dean of the Graduate School at Brown University. Dr. Lindsay was cited "for major contributions to the knowledge of physical acoustics through research and authorship; for the



C. Paul Boner



Martin Greenspan



Cyril M. Harris



R. Bruce Lindsay

teaching and training of outstanding young acousticians; and particularly for eminent sustained service and wise counsel as a fellow and officer of the Acoustical Society of America and the editor-in-chief of its publications". The Society also announced the award of eighteen Silver Certificates in recognition of 25 years of continuous membership in the organization. Those honored include Leo L. Beranek, Harrison D. Brailsford, Richard K. Cook, Edward M. Little, John W. Black, Howard A. Carter, George Day, Michael Di-Toro, Carey B. Jones, Alf G. Malmros, Willard D. Myers, Ora L. Railsback, Raymond W. Woodward, Harry E. Allen, Walter T. Buhl, George Downs, Carey P. McCord, and Ernest G. Wever.

Space Research Medal

The British Interplanetary Society has presented its first Astronautics Space Research Medal to S. Fred Singer of the National Weather Satellite Center for "his outstanding contributions to astronautics in the fields of upper atmosphere and space research".

Dr. Singer received his doctorate in physics from Princeton University in 1948 and during 1946-50 was on the staff of the Applied Physics Laboratory at Johns Hopkins University. For the next three years, he served as scientific liaison officer for the Office of Naval Research at the US Embassy in London. In 1953, he was appointed associate professor of physics at the University of Maryland and in 1959 was named full professor. During 1961, Dr. Singer was on leave from the University to the Jet Propulsion Laboratory at the California Institute of Technology where he conducted research on planetary atmospheres and atmospheric physics. The following year, he was named to his current post of director of the National Weather Satellite Center in Washington, where he heads the Weather Bureau's space program aimed at continuous global weather observations.

Dr. Singer is a fellow of the American Physical Society, the American Institute of Aeronautics and Astronautics, and the Royal Astronomical Society, and a member of the American Astronomical Society.

Gravity Essay Prizes

Winners of this year's Gravity Research Foundation essay contest will receive their awards during "Gravity Day" ceremonies to be held by the Foundation in New Boston, N. H., on August 31. The first prize (\$1000) will go to Joseph W. Weinberg and Gerald E. Tauber of Western Reserve University. Robert L. Forward of the Hughes Research Laboratory, Malibu, Calif., has been named to receive the second prize (\$300). The third prize (\$200) has been won by Marcel Wellner of Indiana University and Guido Sandri, ARAP, Princeton, N. J. The recipients of the fourth prize (\$150) are F. Englert and R. Brout of the Free University of Brussels. Jovan Djuric of the University of New Mexico will receive the fifth prize (\$100).

In addition to the presentation of the awards, the Gravity Day program will include invited papers by Winston H. Bostick of Stevens Institute of Technology and Robert L. Forward of the Hughes Research Laboratories and a ceremony for the dedication of the new Sir Isaac Newton Room, which, according to the Foundation, will "house the bed in which Newton slept".

Officers

New officers for the New York State Section of the American Physical Society are Kenneth H. Moore (Rensselaer Polytechnic Institute), *chairman*; William V. Smith (IBM Research Center), *vice chairman*; and Arthur F. Turner (Bausch & Lomb), *secretary-treasurer*. Members of the executive committee include Raymond L. Garman (General Precision Equipment Corp.), Alfred T. Goble (Union College), Hellmut J. Juretschke (Polytechnic Institute of Brooklyn), Henry Levinstein (Syracuse University), Howard C. Nedderman (General Dynamics/Electronics), the Rev. Zachary O'Friel (St. Bonaventure University), Donald C. Peckham (St. Lawrence University), and Donald R. Young (IBM Components Division).

The 1963-64 officers for the Physical Society of Pittsburgh, an AIP Affiliated Society, are Bernard Cohen (University of Pittsburgh), *president*; Sergio DeBenedetti (Carnegie Institute of Technology), *vice president*; and Charles H. Church (Westinghouse Research Laboratories), *secretary-treasurer*.

This year's slate of officers for the Physics Club of Philadelphia, also an Affiliated Society of the AIP, includes Albert M. Goldfarb (George Washington High School), *president*; Leonard Muldawer (Temple University), *president elect*; Robert W. Neathery (The Franklin Institute), *past president*; and Thomas M. Earnshaw (The Franklin Institute), *secretary-treasurer*.