

a spacecraft definition study and focal-point instrument development. This work will permit a start of the hardware phase in 1976.

A Solar Maximum Mission will also be defined. This 3000-pound-class spacecraft will be compatible with space shuttle launch and retrieval. It is planned for launch in 1978 or 1979, and will carry the instruments needed to continue the solar observations in UV light and x rays that were started with the Orbiting Solar Observatories.

—RAS

in brief

The Acoustical Society of America has published a report on the Conference on Acoustics and Societal Problems, which it held in June 1972. The 100-page report can be obtained from the ASA, 335 East 45th Street, New York, N.Y. 10017. A \$1.00 payment for postage and handling must accompany each order.

Solid State Radiations, Inc. has acquired TRW Instruments; the new

company name is Quantrad Corp. An NSF publication "Graduate Student Support and Manpower Resources in Graduate Science Education, Fall 1971" (NSF 73-304) is available from the Superintendent of Documents, US Government Printing Office, Washington, D. C. 20402 for \$1.25.

Research and Development in Industry 1971, an NSF publication, is available from the US Government Printing Office, Washington, D.C. 20402 for \$1.65 per copy.

the physics community

Fowler chosen as APS vice-president-elect

William A. Fowler, Institute Professor of Physics at the California Institute of Technology, is now vice-president-elect of the American Physical Society. He succeeds Chien-Shiung Wu (Columbia University), who has assumed the vice-presidency of the Society and will become president in 1975. W. K. H. Panofsky (Stanford Linear Accelerator Center) has succeeded Joseph K. Mayer (University of California, La Jolla) as APS president.

Three new members have been elected to the APS Council, and, in response to a recommendation of the Committee on the Future of the APS, Panofsky has appointed an executive aide to help him carry out his responsibilities as president. The new Council members are Marvin Goldberger, Eugene Higgins Professor of Physics at Princeton University; Vera Kistiakowsky, a professor of physics at the Massachusetts Institute of Technology, and

Louis Rosen, director of the Clinton P. Anderson Meson Physics Facility at Los Alamos Scientific Laboratory. The new executive aide to the president is Thomas L. Neff, who is attached to the theory group at SLAC.

Fowler earned his doctorate at Cal Tech in 1936 and has remained there ever since. Now chairman of the physics section of the National Academy of Sciences, Fowler has also served as advisor and committee member for several other government agencies that deal with scientific activities, among them the National Science Foundation, the National Aeronautics and Space Administration, the Office of Naval Research and the Atomic Energy Commission. His research has included studies of nuclear forces and reaction rates, nuclear spectroscopy, the structure of light nuclei, thermonuclear sources of stellar energy and element synthesis in stars and supernovae, and the study of general relativistic effects in quasar and pulsar models.

Guttman succeeds Perlow as editor of JAP

Lester Guttman, a senior physical chemist at Argonne National Laboratory, is the new editor of the *Journal of Applied Physics*. Formerly an associate editor of the journal, he replaces Gilbert J. Perlow, who has served as editor of both JAP and *Applied Physics Letters* since 1970. Perlow will continue as editor of APL. The American Institute of Physics publishes the two journals.

Prior to joining Argonne in 1960, Guttman worked at the Institute for the Study of Metals at the University of Chicago and at the General Electric Company. He is now involved in studying the structure of glasses by computer simulation, with former research interests in low-temperature calorimetry, superfluidity, superconductivity, quantitative metallography,

phase transitions, and neutron and x-ray diffraction. Guttman holds a doctorate from the University of California (1943).

Lewis Hull becomes AVS president-elect

Lewis W. Hull is the new president-elect of the American Vacuum Society. He succeeds Dorothy M. Hoffman (RCA Laboratories), who is now president of the Society. Maurice H. Francombe (Westinghouse Research Laboratories) was president during 1973.

Hull is the founder and president of the Hull Corporation in Hatboro, Pennsylvania, a manufacturer of vacuum systems. Also a founding member of AVS, he has served in various capacities in the Society over the past 15 years.

Other newly elected officers include J. Roger Young (General Electric Corporation Research and Development Center), who is the Society's treasurer for 1974, and Jack H. Singleton (Westinghouse Research Laboratories), elected secretary/clerk.

Seven SPS chapters win Marsh W. White awards

Seven chapters of the Society of Physics Students are the winners of the first Marsh W. White Awards (see PHYSICS TODAY, October, page 80). These awards are given by SPS to support student projects designed to promote interest in physics among both students and the general public.

Cash awards will be made to SPS chapters at Clark University, Worcester, Mass.; Coe College, Cedar Rapids, Iowa; Northeast Louisiana University, Monroe, La.; Old Dominion University, Norfolk, Va.; Southern University, Baton Rouge, La.; William Jewell College, Liberty, Mo., and the University of Wisconsin, Superior, Wisc. □



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