

PHYSICISTS ALLIS-CHALMERS RESEARCH LABORATORIES

Ph.D. or M.S. scientists for theoretical and applied experimental research. Programs include the release or control of nuclear (fission, fusion) or electrical energy; the structure of matter and its properties, including solid state, magnetism, semiconductors, dielectrics; and the action of electric, magnetic, electromagnetic, thermal, and mechanical energy on matter. All the above research on civilian projects.

For further details write to:

M. C. Rohm
Employment Section
ALLIS-CHALMERS MFG. CO.
Milwaukee 1, Wisconsin

POSITIONS OPEN

THE INORGANIC DIVISION NEEDS TWO PHYSICISTS INTERESTED IN BECOMING MONSANTO SCIENTISTS

If you are one of these men, contact:

Mr. P. W. Bauman, Jr.
Inorganic Chemicals Division
Monsanto Chemical Company
710 North Twelfth Boulevard
St. Louis 1, Missouri

or

Mr. John R. Parks, Research Physicist
Monsanto Chemical Co., Dayton, Ohio

Glenn L. Martin Co., the colloquium has been organized to appeal to research scientists and engineers working on radiation effects and the development and application of nuclear reactors. A series of invited papers will review current concepts and experimental techniques and will cover radiation-induced changes in the properties of both organic and inorganic materials, including various metals and alloys and such specific items as semiconductors, dielectric materials, and reactor components. Registration and information desks for the Colloquium on Radiation Effects on Materials will be located at Shriver Hall and at the Lord Baltimore and Sheraton-Belvedere Hotels. Bus transportation will be provided between The Johns Hopkins campus and the downtown Baltimore hotels. Further information may be obtained from Dr. J. G. Morse, Nuclear Division, Mail #711, Glenn L. Martin Co., Baltimore 3, Md., or from Mr. J. J. Harwood, Metallurgy Branch, Office of Naval Research, Navy Department, Washington 25, D. C.

THE annual meeting of the Radiation Research Society will be held May 13-15 in Rochester, N. Y. In addition to submitted papers, there will be two symposia: one concerned with radiation genetics and the other with radiation chemistry. There will also be a series of invited lectures. Those desiring to report original research on radiation effects, or interested in other information about the meeting, should contact the Secretary of the Society, Dr. A. Edelman, Nuclear Science and Engineering Corp., P. O. Box 10901, Pittsburgh 36, Pa.

Nuclear Technology

ARMOUR Research Foundation and *Nucleonics* Magazine are joint sponsors of an Industrial Nuclear Technology Conference which will take place May 14-16 at the Museum of Science and Industry in Chicago. The first such conference was held last year. The opening sessions, on Tuesday, May 14, "will be tutorial in nature, aimed at orienting industry to the nuclear field. The next two days will include high-level technical information of current interest, presented in contributed and invited papers." For additional information, write to Dr. Leonard Reiffel, Armour Research Foundation, 10 West 35th Street, Chicago 16, Ill.

Defect Structure of Silicas

MELLON Institute is sponsoring a Symposium on the Defect Structure of Quartz and Glassy Silica to be held in Pittsburgh on May 22 and 23. The program will include sixteen papers on such topics as color centers; effects of gamma, reactor, and x-ray radiation; effects of impurities; effect of these on mechanical properties; and nuclear and electronic magnetic resonance of irradiated quartz and silica. There will be a panel discussion on color centers. The symposium is di-