

## POSITIONS OPEN

### Academic Position Available

Faculty appointment, September, 1962, at Indiana State College, enrollment 5,000. Ph.D. preferred to teach undergraduate and senior-first level graduate courses in physics. 40 semester hour undergraduate major offered. Reduction in teaching load for research activities. Excellent physical facilities. Salary and rank dependent on training and experience. Summer teaching available at additional salary. Apply to: Dr. William B. Hopp, Chairman, Department of Science, Indiana State College, Terre Haute, Indiana.

**EXPERIMENTAL PHYSICIST:** to do basic research in electron physics or steady state plasma physics. A senior person is desired (Ph.D. plus several years significant research experience) who will largely motivate his own fundamental, publishable research. The research environment is in a small, highly professional group currently making contributions in superconductivity, magnetic resonance, plasma experiment and theory, statistical mechanics, spectroscopy, reactor physics and other areas of ultimate importance for the national space effort. Send complete resume to: Jet Propulsion Laboratory, California Institute of Technology, 4810 Oak Grove Drive, Pasadena, California, Attention—H. P. Marxmiller. "An equal opportunity employer"

### VACANCY IN PHYSICS DALHOUSIE UNIVERSITY INSTITUTE OF OCEANOGRAPHY

Applications are invited for an academic post in physics within which the appointee will conduct research on marine problems and undertake a limited amount of formal teaching. Appointment will be made at a rank and salary appropriate to qualifications. For a recent Ph.D. the beginning salary will not be less than \$7000.

Address all correspondence and recommendations to: The Director, Institute of Oceanography, Dalhousie University, Halifax, Nova Scotia, Canada.

ber 5 to 7. Sponsored jointly by the National Bureau of Standards, the National Aeronautics and Space Administration, and the Aeronautical Systems Division of USAF, the coverage will range from 10°K to above 3000°K and from the ultraviolet into the infrared to 15 microns and beyond.

All inquiries should be directed to the chairman of arrangements, C. Robert Andrews, University of Dayton, Dayton 9, Ohio.

### *Neutron Interactions*

A SECOND Symposium on Inelastic Scattering of Neutrons in Solids and Liquids will be held at Chalk River, Canada, from September 10 to 14, under the sponsorship of the International Atomic Energy Agency. Covering essentially the same subject matter as the first such symposium (held in 1960), the meeting will consider the study of the dynamic properties of all forms of matter by means of neutron interactions, as well as some topics, such as those dealing with gases and magnetic systems, not included in the 1960 symposium.

The scope of the meeting includes experimental or theoretical studies satisfying the following conditions: (1) that the primary interest is in dynamics of matter in any solid, liquid, or gaseous form, and in the interatomic forces which determine dynamics; (2) that the experimental method or theoretical approach is concerned with the interactions of neutrons in matter.

Specific topics listed for discussion include phonons in solids, diffusive motions in liquids, molecular energy levels, and dynamics of magnetic systems. A few surveys may be included in fields closely related to the scope of the symposium, such as studies of dynamics by gamma-ray interactions and studies of structure by neutrons.

All correspondence regarding the meeting should be addressed to the International Atomic Energy Agency, Room 2265, United Nations, New York 17, N. Y.

### *Reactor Chemistry*

OAK Ridge National Laboratory has announced plans for a pair of conferences on reactor chemistry to be held from October 9 to 11 in Gatlinburg, Tenn. The Third Conference on Nuclear Reactor Chemistry will emphasize the chemical behavior of reactor materials, while the Sixth Conference on Analytical Chemistry in Nuclear Reactor Technology will include discussions of isotope applications, instrumentation, analysis of organic moderators, spectroscopy, and analytical developments in radiochemistry and nucleonics.

Inquiries concerning the conference on nuclear reactor chemistry should be directed to W. R. Grimes, and those concerning the analytical chemistry sessions