

POSITIONS OPEN

THE UNIVERSITY OF MANITOBA

Department of Physics

Applications are invited for two positions in the above Department. Preference will be given to applicants with experience and interest in Solid State or Nuclear Physics. Appointments may be made either as Lecturer, Assistant Professor (minimum salary \$7000) or Associate Professor (minimum salary \$9000) depending on qualifications and experience. Duties to begin 1st September 1963, or earlier by arrangement. Applications should be sent to Dr. B. G. Whitmore, Head, Department of Physics, The University of Manitoba, Winnipeg 19, Canada, from whom further information can be obtained.

FACULTY POSITION

Thiel College wants to add a new member to its physics staff beginning either June or September, 1963. Ph.D. desired. Rank and salary dependent on experience and qualification. Summer teaching extra, if carried. Field of specialization: Theoretical Physics, if possible. Laboratory Technician on duty in the Department. Reply with resume to: B. G. Kossvary, Chairman, Department of Physics, Thiel College, Greenville, Pennsylvania.

TEACHING AND RESEARCH FELLOWSHIPS

Teaching and research fellowships are available in the Physics Department at Northeastern University, Boston, Massachusetts, for September, 1963. The stipend is \$2,200 per academic year with a remission of tuition. Students may register for graduate work leading to the M.S. and Ph.D. degrees. For information, apply to:

Graduate School
Northeastern University
Boston 15, Massachusetts

OVERSEAS

Robert College, in Istanbul, Turkey, presents a challenge in education where East meets West. An opportunity to contribute significantly to the development of a young republic is available to specialists in engineering, business administration and economics, the sciences, the humanities, and English as a foreign language. Graduate degrees required.

Address inquiries to Miss Shirley Osmun, Personnel Officer, Robert College, Bebek Post Box 8, Istanbul, Turkey; with copy to the Near East College Association, 548 Fifth Avenue, New York 36, New York.

FACULTY POSITION. Teaching undergraduate and graduate physics up to M.S. Rank and salary dependent upon qualifications; for Ph.D. with limited experience rank of Asst. Prof. at \$7000 for academic year. Opportunities for research and summer employment. Dr. Stanley H. Vegors, Jr., Physics Dept., Idaho State College, Pocatello, Idaho.

NEW MEXICO HIGHLANDS UNIVERSITY offers graduate assistantships, NIH assistantships, NSF cooperative graduate fellowships, and NDEA fellowships for programs leading to M.S. in physics and Ph.D. in biophysics. Active research in nuclear scattering theory, structure of macromolecules, chemisorption, biophysics and analog computers. Write: Dean, Graduate School, N.M.H.U., Las Vegas, New Mexico.

Forbes Avenue, Pittsburgh 13, Pa. Proceedings of the conference will be published in successive issues of *Carbon*, a recently established international journal.

For registration and reservation blanks, and for further information, write to R. A. Friedel, Sixth Carbon Conference, US Bureau of Mines, Pittsburgh.

Lattice Dynamics

An international conference on lattice dynamics will be held August 5-9 at the Technical University of Denmark in Copenhagen under the sponsorship of the Danish Academy of Technical Sciences, the Danish Physical Society, the International Union of Pure and Applied Physics, the Nordic Institute for Theoretical Atomic Physics, the US National Science Foundation, and the US Office of Naval Research.

Subjects of major interest will include dispersion (frequency versus wavelength) curves, anharmonicity, elastic properties, vibrations in lattices with impurities and in disordered lattices, surface vibrations, and dynamical models. Emphasis will be placed on those experimental and theoretical contributions which have the widest significance for the understanding of the interaction between atoms in solids and their role in lattice dynamics.

March 31 is the deadline for submission of abstracts, which should be sent in six copies to the secretary of the conference, Dr. S. Lundqvist, Department of Mathematical Physics, Chalmers University of Technology, Göteborg, Sweden. Requests for further information concerning the meeting should also be addressed to Dr. Lundqvist.

Summer Conferences for College Teachers

The National Science Foundation has announced the establishment of a summer program of short (less than four weeks) subject-familiarization conferences for college teachers whose academic duties prevent them from attending the longer summer institutes. Under the program, the NSF provides a grant to each participating institution to cover per-diem stipends and travel allowances. All requests for information and for application forms should be sent to the director of the individual conferences. Listed below are the 1963 conferences which deal with subjects in physics.

August 5-30: Conference on Mechanics at the University of Colorado for college teachers holding a bachelor's degree who have taken courses in physics or have taught courses in physics or physical science. The subject matter will be kinematics and dynamics of a particle, rotational dynamics, and the special theory of relativity. The director is Professor Malcolm Correll, Hellems 16E, University of Colorado, Boulder, Colo.

August 11-30: Conference on Atmospheric Science at Colorado State University for college and university teachers of general science and physics. The program will include lectures on atmospheric general circulation (descriptive), radiation and satellite observation, the laws of atmospheric motion, climatology, atmospheric disturbances,