

PHYSICISTS RESEARCH ENGINEERS

Engineering-Physics Company's steady growth continues to create opportunities for capable individuals with appropriate education (advanced training desirable) and related experience. Most theoretical and experimental research activities at EPCO are in the fields of fluid dynamics, magnetohydrodynamics, shock hydrodynamics, and ballistics. In addition we are deeply involved in development of proprietary electronic and electromechanical instrumentation related to these fields.

EPCO's offices, laboratory, and computer center are located in suburban Washington, D. C.—convenient to many customers, libraries, technical services, fine universities and cultural centers, as well as Maryland's attractive living and recreational areas. To outstanding candidates we offer competitive salaries, liberal fringe benefits, and a chance to share in our growth.

Write in confidence to: Dr. V. J. Cushing



**ENGINEERING-
PHYSICS
COMPANY**

5515 Randolph Road
Rockville, Maryland

NEW YORK UNIVERSITY COLLEGE OF ENGINEERING

Course On LASER MATERIALS AND APPLICATIONS

June 17-21, 1963

For further information contact:

Mr. M. Berk
New York University
Bureau of Conferences and Institutes
New York 53, N. Y.
or call LU 4-0700, Ext. 205.

and contributed research papers, and a special symposium on biorheology. The official languages of the conference are English, French, German, and Russian.

The deadline for abstracts (500 words) is April 30. They should be sent to Prof. E. H. Lee, Stanford University, Stanford, Calif., by that date. Specifications for films, slides, and other special lecturing equipment must be sent to the local-arrangements chairman, Prof. R. S. Rivlin, Brown University, Providence 12, R. I., by June 30.

Nuclear Physics

A conference on low- and medium-energy nuclear physics, arranged by the British Institute of Physics and Physical Society, will be held September 4-6 at the University of Manchester. A provisional listing of major topics for the meeting includes production of heavy-ion beams, heavy-ion reactions, properties of nuclear states and their measurement and comparison with theories of nuclear structure, and nuclear reactions at low and medium energies. The material will be reviewed in a number of invited papers, and the program will provide for contributed papers and discussion periods.

Three-hundred word abstracts of proposed contributions should be sent before June 21 to Dr. W. R. Phillips, The Physical Laboratories, The University, Manchester 13. Further details and application forms can be obtained from the Administration Assistant, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, S.W.1, England.

Mössbauer Effect

The Advanced Research Projects Agency of the Department of Defense, through the Materials Science Center of Cornell University, is sponsoring the third international conference on the Mössbauer effect. The meeting will be held September 4-7 at Cornell's Laboratory of Atomic and Solid-State Physics, and will include discussions of the theory of the effect and its applications to problems in nuclear and solid-state physics, biophysics, chemistry, and experimental studies of relativity.

Inquiries should be sent to Alan J. Bearden, Laboratory of Atomic and Solid-State Physics, Cornell University, Ithaca, N. Y., before May 15.

Nuclear Spectroscopy

An international conference on the role of atomic electrons in nuclear transformations is being organized by the International Union of Pure and Applied Physics, the Polish Academy of Sciences, and the Polish Government Commissioner for the Use of Nuclear Energy. It will be held September 24-28 in Warsaw.

The following subjects are expected to be covered in the program: (1) orbital electron capture, including capture ratios, internal bremsstrahlung, recoil experi-