

POSITIONS OPEN

PHYSICS—Several vacancies at various levels in instructional staff. These positions should interest young Ph.D. seeking opportunity for advancement. Holders of M.S. also considered for some positions. Salaries appropriate to qualifications and experience. Opportunity for part-time research available to qualified appointees. Interested persons please contact H. E. Harrington, Head, Physics Department, Oklahoma A. and M. College, Stillwater, Oklahoma.

THE ISRAEL INSTITUTE OF TECHNOLOGY,

Haifa, Proposes appointments to full and Associate Professorships in the following Departments: Experimental Physics; Solid State or Nuclear Physics; Physical Chemistry; Mechanics, Applied; Aerodynamics.

Applicants should have first-rate professional and academic qualifications, be willing to integrate themselves into the life of the country and, in due course, to teach in Hebrew.

Applications with full details should be sent, for transmission to Haifa, to:

**The American Technion Society
1000 Fifth Avenue, New York 28, New York**

PHYSICISTS, SENIOR

Unusual opportunities in fundamental research and development for men with thorough experimental and theoretical background in one or more of the following fields: Electronic physics, electronic optics, physical and geometrical optics, solid state physics, electronic tube development, ultrasonics. Excellent compensation commensurate with experience and ability; work is in Manhattan laboratories of old established electronic organization. Submit resume indicating salary requirements to Director of Research, Freed Electronics and Controls Corporation, 200 Hudson Street, New York 13, N. Y.

RESEARCH ASSISTANTSHIPS

Ph.D. candidates in chemistry and M.S. candidates in chemistry, electrical engineering (Electronics), chemical engineering, physics and geology are wanted by the Institute of Science and Technology, University of Arkansas, Fayetteville, Arkansas.

These positions provide part-time research duties with time for academic work toward advanced degrees. Stipends are up to \$2,150 for 12 months. Nonresident fees are waived.

**W. W. GRIGORIEFF, DIRECTOR
Institute of Science & Technology, University of Arkansas**

ASSISTANT TO MANAGER

Outstanding young graduate mechanical or chemical engineer needed as assistant to manager of rapidly growing heat transfer division. Excellent opportunity for advancement in engineering, sales and administration. Not a "drafting-board" job. Interest in aeronautics, nuclear physics, petro-chemistry or pipe line operation helpful but not essential. Write giving personal and educational qualifications. Upon receipt we will send complete information regarding position, products manufactured, and company financial report.

**THE TRANE COMPANY
Attention: Wm. Dackis
La Crosse, Wisconsin**

Mathematicians' Congress**To be held in Holland Next Year**

The International Congress of Mathematicians will convene in Amsterdam, the Netherlands, from September 2nd to September 9th, 1954, under the auspices of Het Wiskundig Genootschap (the Mathematical Society of the Netherlands). The scientific program will include plenary sessions at which one hour invited addresses will be presented and sectional sessions in algebra and the theory of numbers, analysis, geometry and topology, probability and statistics, mathematical physics and applied mathematics, logic and foundations, and philosophy, history and education. The program of the sectional sessions will include half hour invited addresses and fifteen minute papers contributed by members of the Congress. A number of events, including several excursions, are being planned for entertainment. Inquiries concerning the Congress should be addressed to the Secretariat, International Congress of Mathematicians 1954, 2d Boerhaavestraat 49, Amsterdam, The Netherlands.

Nuclear Engineering**Berkeley Conference in September**

A three-day conference on nuclear engineering is to be held September 9-11 at the University of California at Berkeley. It is expected that the program will feature economic studies of nuclear power plants from a technical and engineering point of view, reactor technology, isotope production and separation, and isotope applications. The conference will be presented by the University's Departments of Engineering at Berkeley and Los Angeles, in cooperation with California sections of the American Institute of Chemical Engineers, American Institute of Electrical Engineers, American Society of Metals, and American Society of Mechanical Engineers. Further information can be obtained by writing to Professor R. A. Fayram, 208 Mechanics Building, University of California, Berkeley 4, California. Paper-bound sets of preprints (about 300 pages each) will be available at the conference for \$4 and thereafter for \$5.

Solar Energy**Wisconsin Conference in September**

Last fall a conference, supported in part by the National Science Foundation, was held at Gatlinburg, Tennessee, on solar energy utilization by biological methods, including research on photosynthesis. A second conference will be held September 12-14 at the University of Wisconsin which will be concerned with other aspects of solar energy utilization. The Wisconsin conference (supported by a \$6000 NSF grant) will bring together about 30 physical scientists and engineers from the United States and abroad to assess present knowledge of solar energy utilization and to point out needed areas for basic research in the physical and engineering sciences. In this way it is believed that additional re-