

## POSITIONS OPEN

### PHYSICIST OR PHYSICAL CHEMIST

Ph.D., 0-4 years' experience, to participate in an active interdisciplinary investigation concerned with studying electronic conduction in organic solids, ranging from simple aromatic hydrocarbons through polymeric substances. Permanent position in a group that includes Physicists, Physical Chemists, and Organic Chemists. Dark and photoconductivity, thermoelectric power, Hall effect, electron spin resonance, crystal structure, spectra, etc., are being investigated. The atmosphere is academic; individual responsibility is large; publication is encouraged; salaries are competitive with industry. Unusual opportunity to make important contributions in a rapidly growing field. Send complete resume to:

DR. M. M. LABES

### THE FRANKLIN INSTITUTE

Laboratories for Research & Development

Phila. 3, Pa.

### COLLEGE POSITION IN PHYSICS

Rapidly growing State College in Southern California needs an additional staff member beginning September, 1960. Engineering physics curriculum including some advanced undergraduate courses. Campus 30 miles from downtown Los Angeles. Nearby communities have many cultural and recreational advantages. Masters or Ph.D. degree in physics required. Appointment will be made either to assistant professor or instructor level depending upon experience and training. Excellent opportunity for younger man. Reasonably rapid advancement in rank can be expected for a qualified man because of projected growth. Salaries are better than most private colleges. Write to: Dean, Arts and Sciences Division, California State Polytechnic College, Pomona, California.

Ph.D. for teaching and research in the area of Solid State Physics. Write: Dean Frank Kerekes, Michigan College of Mining and Technology, Houghton, Michigan.

#### College Teaching Position:

Undergraduate classes with possibilities of graduate work being developed. The doctorate or its near completion is desired. Teaching experience will be helpful. Rank up to associate professor and commensurate salary. Write to Dean J. F. Bartlett, Marshall College, Huntington, West Virginia.

Engineer-Physicist with extensive background in military electronics and applied physics seeks to represent Research and Development organizations or manufacturers of advanced products in the Washington, D. C. area. Box No. 760, Physics Today, 335 East 45th St., N. Y.

Institute of Radio Engineers. It will be held October 3-5 in Gatlinburg, Tenn., under the joint sponsorship of the PGNS and the Oak Ridge National Laboratory. An exhibit of relevant instruments and equipment and a tour of the "Project Sherwood" thermonuclear facilities at ORNL have been scheduled.

A deadline of August 1 has been set for the submission of titles and 50-word abstracts. They should be sent to H. E. Banta, Oak Ridge National Laboratory, P. O. Box "X", Oak Ridge, Tenn., from whom further information concerning the meeting is also available.

### *Diffraction*

**S**SESSIONS devoted to metals and alloys, instrumentation, structures, polymers and fibers, refractors, electron probe, and electron diffraction will make up the program of the annual Pittsburgh Diffraction Conference to be held November 9-11 at the Mellon Institute in Pittsburgh. An evening session will be addressed by I. Fankuchen of the Polytechnic Institute of Brooklyn. For further information contact L. F. Vassamillet, Mellon Institute, 4400 Fifth Avenue, Pittsburgh 13, Pa.

### *Applications of Probability Theory*

**A**TWO-DAY Symposium on Engineering Applications of Probability and Random Function Theory, sponsored by Purdue University, will be held November 15-16 at Lafayette, Ind. The program will stress applications of probability and random function theory to problems associated with factors of safety in structures, reliability of structures and systems, optimization of systems of all types which are subject to random disturbances, jet and rocket engine noise fields, and traffic control. Among the participants will be S. S. Shu (Purdue), Mark Kac (Cornell University), A. J. F. Seigert (Northwestern University), R. B. Murphy and David Slepian (Bell Telephone Laboratories), A. M. Freudenthal (Columbia University), E. T. Jaynes (Stanford University), Ira Dyer (Bolt Beranek and Newman), R. E. Kalman (RIAS), and Elliott Montroll (University of Maryland).

Requests for further information and a detailed program should be addressed to Prof. J. L. Bogdanoff, School of Aeronautical and Engineering Sciences, Purdue University, Lafayette, Ind.

### *Temperature Measurement and Control*

**T**EMPERATURE, its measurement and control in science and industry, is the subject of a national symposium to be held March 27-31, 1961, in Columbus, Ohio, under the joint sponsorship of the American Institute of Physics, the Instrument Society of America, and the National Bureau of Standards, with the cooperation of other societies and governmental agencies. Next year's conference is expected to cover the broadest range of temperature topics since 1939, when a meeting on the same subject was held in New York City; it will be the fourth of a series of temperature