

to Mr. Lewis Winner, 152 West 42nd Street, New York 36, N. Y.

### **Crystal Lattice Defects**

An international Conference on Crystal Lattice Defects, organized by the Physical Society of Japan in cooperation with the International Union of Pure and Applied Physics, will be held September 7-12 in Kyoto. It will be preceded by a symposium in Tokyo on the mechanical aspects of lattice defects in crystals, which will take place September 3-4.

Topics to be covered by the program of the Kyoto conference are (1) fundamental properties of lattice defects, including magnetic resonance and optical studies of point defects, formation and migration of point defects, and the interaction of lattice defects with electrons and phonons; (2) interaction of lattice defects, including interaction between point defects, the formation of multiple point defects, and interaction between point defects and dislocations; (3) radiation damage, including the production of lattice defects by radiation and the kinetics of annealing. The proceedings of the Kyoto conference will be published as a supplement to the *Journal of the Physical Society of Japan*.

For additional information, write to R. R. Hasiguti, University of Tokyo, Bunkyo-ku, Tokyo, Japan.

### **Mathematics of Fluid Mechanics**

The College of Engineering and the Departments of Physics and Mathematics at Michigan State University will join in sponsoring a symposium on Fundamental Topics in Modern Fluid Mechanics to be held October 10-11 on the Michigan State campus at East Lansing. The program, which will emphasize developments in the mathematical aspects of magnetohydrodynamics and relativistic fluid mechanics, will consist of both invited and contributed papers.

Abstracts (200 words; deadline, August 1) and requests for additional information regarding the meeting should be sent to Dr. Robert Wasserman, Department of Mathematics, Michigan State University, East Lansing, Mich.

### **Electrical Insulation**

August 1 is the deadline for 100-word abstracts of papers intended for presentation at the 1962 Annual Meeting of the Conference on Electrical Insulation. Sponsored by the National Academy of Sciences and National Research Council, the meeting will be held October 15-17 at the Hershey Hotel in Hershey, Pa. The program of contributed papers will deal with polarization, measurements and instrumentation, breakdown, conduction phenomena, dielectric materials, and molecular structure and devices.

In addition to the abstracts, which should be sent to J. Sticher, Detroit Edison Company, 2000 Second Ave-

nue, Detroit, Mich., extended summaries for publication in the *Annual Report of the Conference* will be required at the time of the meeting. Additional details can be obtained from L. J. Frisco, Johns Hopkins University, Dielectric Laboratory, 1315 St. Paul Street, Baltimore, Md.

### **Rheology**

The thirty-third annual meeting of the Society of Rheology will take place October 29-31 at the Johns Hopkins University in Baltimore. Some thirty papers are expected to be included in the technical sessions, which will be held in Shriver Hall. Preliminary plans for the meeting called for organizing symposia on molecular and particulate rheology and on polymer chain entanglement, and possibly a session on blood rheology. It is expected that papers presented at the meeting will be published in the Society's *Transactions*, which are to be issued early in the summer of 1963.

The deadline for abstracts (200 words, two copies) is August 15. They should be sent to the chairman of the Program Committee, Dr. E. A. Collins, B. F. Goodrich Chemical Co., P. O. Box 122, Avon Lake, Ohio.

### **Diffraction**

The annual Pittsburgh Diffraction Conference, which is to be held November 7-9 at the Mellon Institute, will feature sessions devoted to instrumentation and techniques, structures, metals and alloys, lattice defects and radiation damage, and x-ray and electron-diffraction microscopy. Dame Kathleen Lonsdale of the University of London will be the guest speaker at the evening meeting on November 8th.

Further information concerning the program and the placement service to be held in connection with the meeting can be obtained from W. H. Robinson, Carnegie Institute of Technology, Pittsburgh 13, Pa.

### **Plasma Physics**

The Fourth Annual Meeting of the Division of Plasma Physics of the American Physical Society will be held from November 28 to December 1 at the Chalfonte-Haddon Hall Hotel in Atlantic City, N. J., under the joint sponsorship of the APS and the Plasma Physics Laboratory of Princeton University. The program will include invited papers on subjects of current interest, as well as ten-minute papers contributed by members of the Society. In addition, there will be a tour of the Plasma Physics Laboratory on Tuesday, November 27.

Abstracts of contributed papers, prepared in accordance with the rules and instructions set forth in any recent issue of the *Bulletin of the American Physical Society*, should be submitted before October 22 to Dr. Melvin B. Gottlieb, Princeton University Plasma Physics Laboratory, P.O. Box 451, Princeton, N. J.