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MEETINGS

Crystallography

Two simultaneous symposia, on electron diffraction and on crystal defects, will form the program of an international conference to be held August 16 to 21, 1965, in Melbourne, Australia. The sponsors will be the Australian Academy of Science, the International Union of Pure and Applied Physics, and the International Union of Crystallography. The emphasis of the symposium on electron diffraction will be on theory and techniques for electron scattering rather than the application of established techniques to specific problems. Subjects will include the relation of intensities in electron diffraction patterns and electron micrographs to the structure of crystalline and noncrystalline materials, and also theoretical and experimental aspects of inelastic scattering processes and slow electron diffraction.

The symposium on crystal defects will emphasize the nature of the defects and the evidence for their existence rather than their influence on the properties of crystalline solids. Both physical and chemical aspects will be considered, and specific topics will include the nature and structure of defects on the atomic scale, their origin, interaction, and experimental identification.

Additional information is available from Dr. R. I. Garrod, Aeronautical Research Laboratories, Box 4331, GPO, Melbourne, Victoria, Australia.

Spectroscopy

The British Spectroscopists Coordinating Committee, in collaboration with the Institute of Physics and the Physical Society, will hold the twelfth international spectroscopy conference from July 12 to 17, 1965, at the University of Exeter. The subjects to be covered will include optical emission, absorption, x-ray and mass spectroscopy, continuous process control, detection of nonmetallic impurities in metals, and the limitations to detection in analysis. Special attention will be given to chemical, metallurgical, medical, and biological applications.

Arrangements are being made for a number of invited papers, and the program will also include about 70 contributed papers, which should be submitted for consideration before the end of the year.

All inquiries should be directed to Mrs. C. E. Arregger, 1, Lowther Gardens, Prince Consort Road, London, S. W. 7, England.

Reactor Physics

The University of Michigan will sponsor a conference on fast-reactor physics to be held June 8 through 12 at the Harbour Inn, Harbor Springs, Mich. The principal speakers will be Herbert Goldstein, Lawrence Cranberg, Elias Gyftopoulos, Paul F. Zweifel, and Felix Adler.

For further information, write to Prof. G. C. Summerfield, Department of Nuclear Engineering, University of Michigan, Ann Arbor, Mich.

Gas Dynamics

The Fourth International Symposium on rarefied gas dynamics will be held in Toronto, Canada, from July 14 to 17. The symposium is being organized by the Institute for Aerospace Studies of the University of Toronto and sponsored by the US Air Force Office of Scientific Research, the Office of Naval Research, and the National Aeronautics and Space Administration.

Papers to be presented are concerned with kinetic theory related to the flow of gases and plasmas, shock structure, free molecule flow, transition flow, gas-surface interactions, and experimental techniques.

All correspondence should be addressed to the Symposium Secretary, Institute for Aerospace Studies, University of Toronto, Toronto, Canada.

Liquid State

The National Science Foundation will sponsor a seminar from June 1 to 4 at John Carroll University in Cleveland, Ohio, on the physics of the