

MEETINGS

Magnetism conference

The tenth annual conference on magnetism and magnetic materials will meet November 16 to 19, 1964 at the Radisson Hotel in Minneapolis. Jointly sponsored by the American Institute of Physics and the Institute of Electrical and Electronics Engineers, the meeting is expected to cover basic theoretical and experimental investigations of magnetic materials and their properties, potential engineering applications, the relation between superconductivity and magnetism, and apparatus, devices, and techniques that utilize recent advances in magnetism. The proceedings of the conference will be published in a March or April supplement to the *Journal of Applied Physics*.

An *Index to the Literature of Magnetism*, prepared by Bell Telephone Laboratories, will be available at the conference (and from the American Institute of Physics) at \$3 per copy. It consists of a permuted title index and a citation index. The latter index, a new addition, lists the papers which are cited by the papers appearing in the regular index. It is arranged alphabetically by first author.

Additional information can be obtained from Dr. R. J. Prosen, Honeywell Research Center, 500 Washington Avenue, Hopkins, Minn.

Geomagnetism

Two meetings on the magnetism of the earth will be held this November at the University of Pittsburgh.

From November 16 to 20, the University will act as host to the first meeting of Commission III of the International Association of Geomagnetism and Aeronomy, which deals with observations, analyses, and theoretical interpretations of phenomena relating to the magnetism of the earth's interior. The meeting will consist of a ten-session symposium covering electrodynamics, secular variations, electromagnetic induction, rock magnetism, archeomagnetism, paleomagnetism, geomagnetic anomalies, and

analysis of the earth's main magnetic field.

Inquiries regarding attendance and the submission of abstracts should be sent to Prof. A. F. Frederickson, Department of Earth and Planetary Sciences, University of Pittsburgh, Pittsburgh, Pa. 15213.

Immediately following, from November 23 to 25, the second Benedum Earth Magnetism Symposium will be held at the University. Topics to be covered at the meeting are geomagnetic variations under quiet and disturbed conditions, polar disturbances, and related subjects.

Information concerning attendance and the submission of abstracts can be obtained from Dr. M. Sugiura, Goddard Space Flight Center, Greenbelt, Md. 20771.

IAEA

The International Atomic Energy Agency has announced details of a symposium on the physics and chemistry of fission which will take place in Salzburg, Austria, from March 22 to 26, 1965. The provisional agenda include (1) low-energy fission theory, (2) low-energy fission cross sections, thresholds, and resonances, (3) distribution of mass, charge, and energy in low-energy fission, (4) neutrons and gamma rays from fission, (5) applications of new fission data to nuclear technology, and (6) fission at intermediate and high excitation energies. Abstracts, 250-350 words in length, are due by November 10, 1964.

Correspondence should be sent to John H. Kane, Chief, International Conferences Branch, Division of Special Projects, Atomic Energy Commission, Washington, D. C.

Ionized gases

The Yugoslav Union of Mathematical, Physical, and Astronomical Societies, and the International Union of Pure and Applied Physics will sponsor the seventh international conference on phenomena in ionized gases in Belgrade from August 30 to September 4, 1965. The program is expected to deal with (1) electronic and ionic collision phenomena, (2) surface phenomena, (3) electrical discharges, (4)

plasma physics, and (5) diagnostic methods and applications.

Information regarding registration (deadline October 30, 1964) can be obtained by writing to the VII International Conference on Phenomena in Ionized Gases, Secretariat, PO Box 699, Studentski trg 16/C/IV, Belgrade, Yugoslavia.

Plasmas

The sixth annual meeting of the Division of Plasma Physics of the American Physical Society, sponsored by the APS and Bell Telephone Laboratories, will be held from November 4 to 7, 1964 at the Statler Hilton Hotel in New York City. Abstracts, not longer than 200 words, and prepared in accordance with the instructions set forth in any recent *Bulletin of the American Physical Society*, should be sent in duplicate by September 25 to Dr. S. J. Buchsbaum, Bell Telephone Laboratories, Murray Hill, N.J.

Other correspondence concerning the meeting should be addressed to N. J. Zabusky, Bell Telephone Laboratories, Whippany, N.J.

Lasers

The University of Bern's Institute for Applied Physics and the Swiss Commission for Light and Electron Optics will hold a conference on laser physics and applications from October 12 to 14, 1964. The meeting will take place at the University of Bern, and its main lectures will discuss types of lasers, the associated optics, and application of lasers to various fields.

All inquiries should be addressed to R. Dändliker, Conference Secretary, Institut für Angewandte Physik der Universität Bern, Sidlerstrasse 5, Bern, Switzerland.

Theory

The third Eastern United States Theoretical Physics Conference, sponsored by the National Science Foundation, will be held October 30 and 31, 1964, at the University of Maryland.

Further information can be obtained from John S. Toll, Department of Physics and Astronomy, University of Maryland, College Park, Md.