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Plasma diagnostics

The Institute of Physics and the Physical Society's Spectroscopy Group, in collaboration with the United Kingdom Atomic Energy Authority, will hold a conference on ultraviolet and x-ray spectroscopy of laboratory and astrophysical plasmas at the Culham Laboratory from March 29 to April 1. Sessions will be held on laboratory plasmas, solar plasmas, stellar plasmas, fundamental data, and instrumental techniques. During the meeting, Culham Director Dr. J. B. Adams will deliver the Institute and Society's 1965 Guthrie lecture.

Further information and application forms for the required advance registration will be available in December from the Meetings Officer, The Institute of Physics and the Physical Society, 47 Belgrave Square, London SW 1, England.

Nuclei and particles

Nuclear structure, nuclear reactions, and particle physics will be the main topics of a conference to be held by the Institute of Physics and the Physical Society from March 30 to April 1 at Oxford University.

Three-hundred-word abstracts of ten-minute contributions should be submitted by February 4 to Dr. P. S. Fisher, University of Oxford, Nuclear Physics Laboratory, 21 Banbury Road, Oxford, England.

Further information and application forms for advance registration will be available in January from the Meetings Officer, The Institute of Physics and the Physical Society, 47 Belgrave Square, London, SW 1, England.

Neutrons

An American Physical Society topical conference, cosponsored by the National Bureau of Standards and the Atomic Energy Commission, on neutron-cross-section technology, will be held March 22 to 24 at the Shoreham Hotel in Washington, D. C.

The program will include invited and contributed papers on discrepancies in available measurements, sensitivity of reactor characteristics to cross-section uncertainties, theoretical interpretations of cross-section data, projection of needs for cross-section data, future prospects for sources, detectors, and experimental techniques, and other topics related to the measurement and applications of neutron cross sections.

Two-hundred-word abstracts of contributed papers, should be submitted by Dec. 20 to Prof. W. W. Havens, Conference on Neutron Cross Section Technology, Department of Physics, Columbia University, 538 West 120th Street, New York, N.Y. 10027. Abstracts are to be published in the *APS Bulletin*, and should conform to APS abstracts regulations. Full manuscripts of papers will be required at the time of the conference and will be published in the proceedings.

Magnetics

The Liederhalle in Stuttgart, Germany, has been chosen for the fourth international conference on magnetism, which will be held April 20 to 22. Sponsored by the Magnetics Group of the Institute of Electrical and Electronics Engineers and the German Working Group for Ferromagnetism, the meeting will consider contributed papers in all areas of applied magnetism and related magnetic phenomena. Topics of particular interest include computer magnetism, superconducting devices, magnetic recording, ferrite microwave devices, magneto-optics, magnetic material properties, and combined magnetic and semiconductor devices.

Information regarding the submission of abstracts (due by December 7) is available from Dr. E. W. Pugh, International Business Machines Corporation, 1000 Westchester Avenue, White Plains, N. Y.

Quantum electronics

The fourth international quantum electronics conference, sponsored by the American Institute of Physics, the American Physical Society, the Opti-