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state microwave devices, including active devices such as amplifiers and frequency multipliers and passive devices such as switches and modulators; and sources and components at millimeter waves.

Summaries (500 words) of proposed papers should be submitted before December 12, 1960, to the chairman of the Technical Program Committee, Gustave Shapiro, Engineering Electronics Section, National Bureau of Standards, Washington 25, D. C. Additional information on the meeting as it becomes available can be obtained by writing to Dr. Shapiro or to the Institute of Radio Engineers, 1 East 79th Street, New York 21, N. Y.

Magnetism and Magnetic Materials

FIFTEEN sessions covering spin arrangements, computer devices, nuclear hyperfine fields, metallic thin films, ferromagnetic resonance, high coercive materials, exchange interactions and nonlinear microwave processes, magnetization processes and fine particles, anisotropy, domain walls and domain wall motion, metals and alloys, microwave devices, oxides, and soft magnetic metals will be held during the Sixth Annual Conference on Magnetism and Magnetic Materials. The meeting will take place November 14-17, 1960, at the Hotel New Yorker in New York City. It will be co-sponsored by the American Institute of Electrical Engineers and the American Institute of Physics with the cooperation of the Institute of Radio Engineers, The Metallurgical Society of AIME, and the Office of Naval Research. The banquet address will be given by T. Keith Glennan, who will discuss problems involved in developing successful space systems.

Further details can be obtained from the local committee chairman, L. R. Bickford, Jr., IBM Research Center, Box 218, Yorktown Heights, N. Y.

Biophysics

WITH the purpose of providing a forum for international communication in the field of biophysics, an International Congress of Biophysics will be held in Stockholm from July 31 to August 4, 1961. The meeting will include a series of symposia devoted to special topics in biophysics, as well as a number of contributed papers in pure and applied biophysics. The list of participants is expected to represent the national societies of biophysics, medical physics, and related fields, and to include other scientists who have an interest in both pure and applied biophysics. Further information can be obtained from Dr. Bo Lindström, Department of Medical Physics, Karolinska Institutet, Stockholm 60, Sweden.

Announcement of the congress has been made in the US by an ad hoc Committee on International Relations in Biophysics, which was established by the National Academy of Science—National Research Council more than a year ago at the suggestion of the Biophysical Society. The Committee is under the chairmanship of Robley C. Williams (University of California at Berkeley), and Arthur K. Solomon (Harvard Medical School).

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is serving as deputy chairman. Other members are Richard H. Bolt (National Science Foundation), Frank Brink, Jr. (The Rockefeller Institute), Kenneth S. Cole and Urner Liddel (National Institutes of Health), Alexander Hollaender (Oak Ridge National Laboratory), Walter A. Rosenblith (Massachusetts Institute of Technology), and H. Burr Steinbach (University of Chicago).

Magnetism and Electron and Neutron Diffraction

IN late September, 1961, an International Conference on Magnetism to be sponsored by the International Union of Pure and Applied Physics and an International Symposium on Electron and Neutron Diffraction to be sponsored by the International Union of Crystallography will be held jointly at the Kyoto Kaikan Assembly Center, Kyoto, by invitation of the Science Council of Japan, the Physical Society of Japan, and the Crystallographic Society of Japan.

The International Conference on Magnetism, constituting Part I of the joint meeting, will be one of the regular conferences on magnetism promoted by IUPAP's Subcommission on Magnetism. The program will cover a variety of topics, including the following: theories of magnetism, magnetic properties of oxides and other compounds, magnetic properties of metals and alloys, crystalline anisotropy and induced anisotropy, domain structure and magnetization processes, relaxation phenomena in magnetization processes, thin films and fine particles, magnetic resonance, magnetism at very low temperatures, neutron diffraction by magnetic materials, and physical problems of rock magnetism.

Part II, The International Symposium on Electron and Neutron Diffraction, is being supported by IUCr's Commission on Electron Diffraction. It will deal with methods, phenomena, and important applications of electron diffraction and neutron diffraction including (a) Electron Diffraction: electron diffraction by gases; structure analysis; dynamical scattering, thermal scattering, inelastic scattering, and energy analysis; diffraction effects in electron micrographs including diffraction by crystal imperfections; and applications and techniques; and (b) Neutron Diffraction: apparatus and techniques; neutron-diffraction physics including inelastic scattering, magnetic scattering, extinction, dispersion, etc.; and structure analysis.

Parts I and II will take place at the same time, but the program will be so arranged as to amalgamate both parts for papers on magnetic scattering of neutrons. The conference will be open to scientists who are interested in the above-mentioned topics.

Details of the conference including information about the presentation of papers, excursions, accommodations, and travel can be obtained as they become available from Prof. T. Nagamiya (Chairman, Subcommittee for Part I) or Prof. S. Miyake (Chairman, Subcommittee for Part II), Organizing Committee of the International Conference on Magnetism and Crystallography, Science Council of Japan, Ueno Park, Tokyo, Japan.