

Diffraction

METALS and alloys, instrumentation, structures, polymers and fibers, refractories, and electron probe, including special sessions on electron diffraction and x-ray diffraction microscopy, will be discussed at the annual Pittsburgh Diffraction Conference, to be held November 1-3 at the Mellon Institute in Pittsburgh. The evening meeting will be addressed by Dr. Peter J. W. Debye, emeritus professor of chemistry at Cornell University. For further information write to T. B. Massalski, Mellon Institute, 4400 Fifth Ave., Pittsburgh 13, Pa.

Magnetism

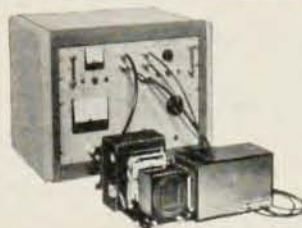
SPEAKERS from England, France, Japan, the USSR, and the United States will be among the 1000 or more scientists and engineers who are expected to meet November 13-16 at the Westward Ho Hotel in Phoenix, Ariz., for the seventh annual International Conference on Magnetism and Magnetic Materials. The conference will be held under the sponsorship of the American Institute of Physics and the American Institute of Electrical Engineers in cooperation with the Office of Naval Research, the Institute of Radio Engineers, and the Metallurgical Society of the American Institute of Mining and Metallurgical Engineers.

As in past magnetism conferences, both theoretical and applied aspects of the field will be considered, and contributed papers will deal with these categories as well as with apparatus and techniques which utilize recent advances in the study of magnetism. Programs, containing abstracts of all papers to be presented, will be distributed before the meeting.

Proposed contributions, both abstracts and final manuscripts, must conform to the requirements of the American Institute of Physics *Style Manual*, which is available without charge from the Institute's director of publications, H. C. Wolfe. Papers will be selected for presentation on the basis of new technical information contained in the abstracts, two copies of which, 200-500 words long, must be sent by August 18 to F. E. Luborsky, General Electric Company, Research Laboratory, P. O. Box 1088, Schenectady, N. Y. Manuscript instructions will be sent to the authors of accepted abstracts, and final papers, which will be published as the *Proceedings* of the Conference in a supplement to the *Journal of Applied Physics* in March or April of 1962, are to be refereed several weeks before the meeting date. Because of space and budget limitations, they must be no longer than one-and-one-half *JAP* pages, including the illustrations, tables and references, but not the title or the abstract. The papers will be judged by the standards of the conference rather than the editorial policies of the *Journal*.

A reportorial session (on ferromagnetic resonance) was held at the 1960 conference because of the large number of papers on this single topic. If the subject distribution of the submitted abstracts warrants scheduling a similar session this year, the authors involved

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will be required to submit completed papers two weeks earlier than the others. They will be notified early in September.

In addition to the technical sessions, a conference banquet will be held the evening of November 15, and an exhibit of magnetic products and instrumentation will be sponsored by the conference. As an experiment this year, the technical sessions will be held in the morning and evening, leaving the afternoons open for the enjoyment of local attractions.

All inquiries concerning the conference should be addressed to P. B. Myers, Motorola Semiconductor Products Division, 5005 East McDowell Rd., Phoenix, Ariz.

Electronic Systems

RELIABILITY evaluation, MTF prediction, and process and fabrication techniques to improve reliability will be stressed at the Institute of Radio Engineers' Electronic Systems Reliability Symposium which will meet on November 14 in Kansas City, Mo.

Final manuscripts of contributed papers must be sent by September 1 to A. Goldsmith, Wilcox Electric Company, 14th and Chestnut Streets, Kansas City 27, Mo. The symposium proceedings will be mailed to pre-registrants two weeks before the meeting, and speakers will present only abstracts of their papers, leaving about half of each session for discussion. An addendum to the proceedings based on the discussions is planned.

For further information write to the symposium chairman, F. A. Spies, Bendix Corporation, P. O. Box 1159, Kansas City, Mo.

Chemical Society

SEVEN symposia will be held during the combined regional meeting of the Southwest and Southeast Sections of the American Chemical Society, convening in New Orleans, La., December 7-9. The topics to be covered are (1) Curricula Trends in Chemical Education, (2) New Synthetic Methods (organic chemistry), (3) Inorganic Nuclear Chemistry, (4) Molecular Spectroscopy (physical chemistry, spectroscopy, gas chromatography), (5) Biochemical Studies in Mental Diseases, (6) Electroanalytical Chemistry, and (7) Catalysis (inorganic, industrial, engineering chemistry).

Further information on the meeting can be obtained from the conference secretary, Mary L. Nelson, Southern Utilization Research and Development Division, 1100 Robert E. Lee Blvd., New Orleans, La.

Nuclear Congress and Exposition

EARLIER this year the Engineers Joint Council, Inc., sponsor of the Nuclear Congress and Atomic Exposition held annually through 1960, announced that the joint event would henceforth be held on a biennial basis. In explaining the reason for the decision, Lauchlin Currie, chairman of the EJC's Nuclear Policy Committee, stated that "technological advances in the nuclear field do not happen fast enough or often enough to warrant an annual scientific meeting and exposition".

The sponsors have recently announced that Lombard