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of Harvard University. General inquiries should be sent to Mme. Cauchy in Paris.

### Spectroscopy

The Fourteenth Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy will be held March 4-8, 1963, at the Penn-Sheraton Hotel in Pittsburgh. The meeting, sponsored by the Analytical Chemistry Group of the American Chemical Society's Pittsburgh Section and the Spectroscopy Society of Pittsburgh, will include a symposium cosponsored with the Society for Applied Spectroscopy on solution techniques in x-ray and emission spectroscopy, and a symposium on techniques related to infrared spectroscopy is being arranged in cooperation with the Coblenz Society. There will also be special symposia dealing with nuclear magnetic resonance for nuclei other than hydrogen, gas chromatographic analysis of metallo-organics and related compounds, the uses of reaction rates in analytical chemistry, and the analysis of refractory metals.

In addition to the various symposia, there will be a program of contributed papers and an exhibition of the latest analytical instrumentation. Abstracts of approximately 150 words, in triplicate, together with a letter listing the names and addresses of the authors and the laboratory in which the work was done must be received by October 15. All correspondence should be sent to the program chairman, Dr. William A. Straub, Applied Research Laboratory, United States Steel Corp., Monroeville, Pa.

The Fourth Omnibus Conference on Experimental Aspects of Nuclear Magnetic Resonance Spectroscopy will be held at the Mellon Institute in Pittsburgh from February 28 to March 2. For the convenience of those wishing to attend both meetings, the NMR sessions of the Fourteenth Pittsburgh Conference are scheduled for March 4.

### Magnetic Devices

An International Conference on Nonlinear Magnetics will be held April 17-19, 1963, at the Shoreham Hotel in Washington, D. C., under the joint sponsorship of the Institute of Radio Engineers and the American Institute of Electrical Engineers. The international conference, which is an outgrowth of previous national meetings on nonlinear magnetic devices, will emphasize the theory and application of such devices in the fields of computation and control. The program will cover recent developments in computer logic and memories, power devices, the combination of nonlinear magnetics with semiconductors, and instrumentation.

Abstracts of about 200 words must be received no later than November 5 by Dr. J. J. Suozzi, Bell Telephone Laboratories, Inc., Whippany, N. J. For further information on the conference, contact Dr. Herbert F. Storm, 1 River Road, Building 37, General Electric Company, Schenectady, N. Y.