

## PLASMA PHYSICS

We are seeking physicists (MS or PhD) to participate in theoretical and experimental studies in the fields of magnetohydrodynamics, high temperature physics, spectroscopy and basic arc research.

Please send resumes to:

**THE UNIVERSITY OF CHICAGO**  
Laboratories for Applied Sciences  
6220 South Drexel Avenue  
Chicago 37, Illinois

## SOLID STATE PHYSICISTS

*Opportunities to work with a progressive group of research scientists in an established laboratory located in lovely suburban Minneapolis.*

1. To work on basic studies of circuit functions and how they can be achieved using solid state techniques. Knowledge of advance semiconductor device technology required. Ph.D. preferred.
2. To conduct general experimental investigations of various semiconductor problems in advance solid state electronics. Must have an interest in the study of semiconductors in relation to their application to devices. Ph.D. preferred.

Send inquiries to: Marc D. Wauvig, 2753 Fourth Avenue South, Minneapolis 8, Minnesota.

# Honeywell



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clude test equipment, components, and a variety of instruments. Additional information can be obtained by writing to the National Electronics Conference, 228 N. La Salle St., Chicago 1, Ill.

### Chemistry and Nuclear Reactors

JOINT conferences on nuclear reactor chemistry and analytical chemistry in nuclear reactor technology will be held at Gatlinburg, Tenn., from October 10 to 12, under the sponsorship of the Oak Ridge National Laboratory.

Subjects for discussion at the Second Conference on Nuclear Reactor Chemistry will include the chemical behavior of moderator and coolant materials and the effects of nuclear radiation on their properties, deportment of fission products in reactor fuels, development of reactor fuel and blanket materials, and the application of statistical methods and computer calculations in planning and evaluation of experiments.

The Fifth Conference on Analytical Chemistry in Nuclear Reactor Technology will be devoted to improved methods and instruments for the analysis of numerous nuclear reactor materials and products. Papers are particularly desired on the following or related subjects: measurements of burnup of uranium or plutonium fuels; isotopic analysis, determination of gases in reactor materials; methods and instruments for on-line analyses; remote analysis of radioactive materials; nondestructive testing of nuclear fuel elements and other reactor materials; analysis of Be, BeO, cermetes containing BeO, Zr and Nb alloys, heavy water, and plutonium and plutonium-base fuels. Review papers critically evaluating the "state of the art" are also welcome.

For both conferences, the deadline for submission of 200-400 word abstracts of contributed papers is July 15. The time required for presentation (which must not exceed 20 minutes) should be indicated by prospective authors. It is planned to publish the proceedings of the conferences.

Abstracts and inquiries should be sent to W. R. Grimes (for nuclear reactor chemistry) or C. D. Susano (for analytical chemistry), Oak Ridge National Laboratory, P. O. Box X, Oak Ridge, Tenn.

### Rheology

A CALL for papers has been issued by the Program Committee for the 32nd Annual Meeting of the Society of Rheology, which will be held from October 30 through November 1 on the campus of the University of Wisconsin. Titles of proposed papers should be indicated to the Committee as soon as possible. A deadline of August 15 has been set for the submission of abstracts which must be sent in duplicate to the chairman of the Program Committee, Edward A. Collins, B. F. Goodrich Chemical Co., P. O. Box 122, Avon Lake, Ohio.

It is planned that the abstracts will appear in the fall issue of the *Rheology Bulletin* and that the papers will subsequently be published in Volume 6 of the