

CHEMICAL-PHYSICISTS FOR NUCLEAR RESEARCH

Expanding nuclear research programs at Armour Research Foundation require personnel at various experience levels for challenging assignments in nuclear and radiation chemistry and related areas. Activities include long range fundamental and applied programs concerning effects of radiation on organic systems as well as a variety of projects utilizing the ARF reactor facility.

If you possess an above average academic background in appropriate fields and are interested in a challenging research assignment offering an excellent opportunity for professional and personal growth, competitive salary, liberal benefits and vacation, and an opportunity for tuition free graduate study, send a complete resume to:

A. J. Paneral
ARMOUR RESEARCH FOUNDATION
of Illinois Institute of Technology
10 W. 35th St. Chicago 16, Ill.

SENIOR RESEARCH PHYSICAL CHEMISTS AND PHYSICISTS CHEMICAL PHYSICS RESEARCH

PhD or equivalent with strong physics and mathematical background. Experience desired in one or more of the following areas: kinetics and mechanism of polymerization reactions, or kinetics of fast reactions; determination of molecular weight of polymers by light scattering and osmotic pressure; relation between structures of polymers and fundamental mechanical properties.

MOLECULAR SPECTROSCOPIST

PhD or equivalent with strong background in electronic and molecular spectral theory. Experienced in application of group theory and matrix algebra to infrared spectral analysis; experimental infrared spectroscopy. X-ray, nuclear magnetic resonance helpful.

These are permanent recently created positions. Full benefit program. All inquiries will be held confidential and answered.

For further information, write:

Central Personnel
THE GENERAL TIRE & RUBBER
COMPANY
Akron 9, Ohio

Semiconductors

THE Seventh Annual Spring Semiconductor Symposium of the Electrochemical Society will be held during the Society's May 3-7 meeting in Philadelphia. Subjects under discussion during the symposium will include the bulk electronic and physicochemical effects in elemental semiconductors of controlled perfection, electronic, thermal, and physicochemical properties and preparation of compound semiconductors including semiconducting oxides, the chemical and electronic properties of surfaces, and processes used in the preparation of semiconductors or semiconducting devices.

The deadline for titles and 75-word abstracts of 10-minute papers reporting recent news is March 31. These should be submitted to the program chairman, F. Hubbard Horn, General Electric Research Laboratory, P. O. Box 1088, Schenectady, N. Y., from whom further information is also available.

Self-Organizing Systems

AN Interdisciplinary Conference on Self-Organizing Systems will be held May 5-6 at the Museum of Science and Industry in Chicago. The purpose of the conference, which is to be cosponsored by the Information Systems Branch of the Office of Naval Research and the Armour Research Foundation, is to bring together research workers in all fields of science who are concerned either with the development of self-adaptive information systems or with the conduct of research which may contribute to an improved understanding of cognitive, learning, and growth processes. Particular emphasis will be placed on theoretical models of systems which are capable of spontaneous classification, identification, and symbolization of their inputs.

Further information and a preliminary conference program, when it becomes available, may be obtained from the conference secretary, Mr. Scott Cameron, Armour Research Foundation, 10 West 35th Street, Chicago 16, Ill.

Industrial Research

DISCUSSIONS of research management problems in academic, governmental, and industrial organizations will be included in the program of this year's Industrial Research Conference, to be held May 30-June 5 at Arden House in Harriman, N. Y. Organized as a workshop by the Department of Industrial and Management Engineering of Columbia University, the conference "will consider research not only in view of its own internal operations, but also the unique problems of the research manager, including his basic resources, his talents, and the human relations within his job".

The fee for participation, room, board, and all books and materials used is \$525 and registration must be made in advance. For further details write to 409 Engineering Building, Columbia University, New York 27, N. Y.