



"Research for Industry"

■ **ENGINEERS**
 ■ **MATHEMATICIANS**
 ■ **CHEMISTS**
 ■ **METALLURGISTS**
 ■ **PHYSICISTS**

*Battelle's New Atomic Energy Facilities are
 Creating Unusual Opportunities in Your Field*

BATTELLE
 MEMORIAL 505 King Ave., Columbus 1 Ohio
 INSTITUTE

RUSSEL S. DRUM, ATOMIC ENERGY CENTER

POSITIONS OPEN

SOUTHWEST RESEARCH INSTITUTE NEEDS PHYSICISTS AND CHEMISTS

Senior and Junior personnel to perform research in such basic fields as electron- and nuclear-paramagnetic resonance, vapor-phase chromatography, neutron activation analysis, radiation sterilization and similar fields, for the development of fundamental techniques and instrumentation for specific applications in the general field of chemical physics, including non-destructive testing for quality and process control for industries.

Write:

S. J. KEANE
 MANAGER OF TECHNICAL SERVICES
 P. O. BOX 2296
 SAN ANTONIO 6, TEXAS

POSITION OPEN

PHYSICS INSTRUCTOR

Growing, fully accredited western college will appoint additional physics instructor for September, 1956. Initial assignment teaching general physics, mainly to engineering sophomores. Teaching load allows time for own research or for developing upper division courses. Good starting salary, exceptional opportunity for advancement for able young man with interest in engineering physics. Send resume of qualifications to Box 656, Physics Today, 57 East 55 St., N. Y. 22, N. Y.

SITUATION WANTED

Physicist, Ph.D., Assist. Prof., experience in Nuclear Magnetic/Quadrupole and Paramagnetic Resonance, associated microwave electronics and solid state physics desires summer employment, consulting, industrial or any other unclassified work. Box 656D, Physics Today, 57 East 55 Street, New York 22, N. Y.

Command, the Office of Naval Research, and the National Science Foundation. Requests for additional information should be addressed to Dr. Nevin K. Hiester, manager, Chemical Engineering Section, Stanford Research Institute, Menlo Park, Calif.

Applied Mathematics

THE Mathematics Division of the American Society for Engineering Education meets June 25-29 at the Iowa State College (Ames). The program includes conferences with the Iowa Section of the Mathematical Association of America and with other ASEE divisions, and deals with teaching and research, trends in applied mathematics, graphical techniques, and operations research. For further details contact Dr. Haim Reingold, Department of Mathematics, Illinois Institute of Technology, Chicago 16, Ill.

Cybernetics

AN International Congress on Cybernetics will be held June 26-29 in Namur, Belgium, under the patronage of the Ministry of Education of Belgium and the United Nations Educational, Scientific, and Cultural Organization. The congress will be presided over by Georges R. Boulanger of the Polytechnic Faculty of Mons and of Brussels University. Its agenda will include sections on (1) principles and methods of cybernetics, (2) semantic machines, (3) automation and its technical, economic, and social aspects, and (4) the impact of cybernetics on the life sciences. The section on principles and methods will cover information theory, servo systems, learning, goal-seeking, operations research, the theory of games, etc. The second section will be on computing machines of various kinds, including translating devices.

The aim of the Namur congress is "to bring into clear relief the realizations already attributable to this new science which, while still at the stage of taking its bearings, is already transforming industry very profoundly and is bound to affect all sectors of human activity". The proceedings of the congress will be published. Official languages are English and French. For further information, write to Congrès International de Cybernétique, Secrétariat, 13, rue Basse-Marcelle, Namur, Belgium.

CYBERNETICS and automatic calculation are also to be the theme of another European congress currently being planned by the Spanish Cybernetic Association, together with other interested Spanish organizations, which is to be held at some still indefinite time in the near future. Those wishing to learn more of the plans for the Spanish congress when such information becomes available are invited to write to: Sociedad Española de Cibernética, calle Conde de Peñalver, 19, Madrid, Spain.