

UNIVERSITY OF MICHIGAN ENGINEERS and SCIENTISTS

Unusual opportunities for outstanding and experienced men are available at the University of Michigan's Willow Run Laboratories. Physicists, Mathematicians, and Engineers with advanced degrees and/or experience in the fields of:

Theoretical and Applied Physics with special emphasis on Acoustics, Electromagnetic theory, Electronics, Infrared, Meteorology, and Radar.

Salary commensurate with training and experience. Excellent working conditions. Liberal vacation policy along with other fringe benefits. Unusual opportunity to carry on University graduate studies while working full time. Moving expenses paid. U. S. Citizenship required.

Write, giving details of education and experience to:

**Technical Personnel Representative
University of Michigan
Willow Run Laboratories
Ypsilanti, Michigan**

sponsorship of the American Association of Textile Chemists and Colorists. Twenty-seven scientific and technical organizations (including the Optical Society of America) will participate in the program.

Transistor Reliability

A SYMPOSIUM on transistor reliability is to be held in New York City, September 17-18, under the sponsorship of the Working Group on Semiconductor Devices of the Defense Department Advisory Group on Electron Tubes. Subjects to be covered will include transistor performance in electronic equipment tests, transistor life studies, the design of circuits and systems for reliability, preventive maintenance, and design of experiments for reliability studies. An introductory session will review the transistor reliability requirements of the military services. All papers will be unclassified and there will be no registration. Additional information concerning the symposium may be obtained from the program chairman, Mr. Howard Moss, Electron Tubes Division, Solid-State Devices Branch, Evans Signal Laboratory, Belmar, New Jersey.

Noise Abatement

FOUR half-day sessions devoted to discussions of noise problems will comprise the program of the seventh annual National Noise Abatement Symposium, to be held October 11-12 in Chicago, Ill. To accommodate an expected record attendance, this year's conference will be held at the Hotel Sherman in Chicago's Loop instead of on the Illinois Institute of Technology campus, the site of previous meetings. Sponsored by Illinois Tech, the Acoustical Society of America, the Council on Industrial Health, the American Society of Safety Engineers, the National Noise Abatement Council, the American Society of Planning Officials, the American Industrial Hygiene Association, and the Acoustical Materials Association, the Symposium will deal with the elimination and reduction of machinery noise, control of noise through architectural design, means of reducing effects of noise on people, and transportation noises and their effects on urban residents.

Pittsburgh Diffraction Conference

THE fourteenth annual Pittsburgh Diffraction Conference will be held October 31-November 2 at the Mellon Institute in Pittsburgh. This year it is the desire of the Conference Committee to emphasize (1) small angle scattering, (2) high- and low-temperature diffraction studies, (3) structural aspects of solid-state physics, (4) instrumentation and methods, and (5) neutron diffraction. Papers on these subjects will be particularly welcome. Titles of contributed papers should be sent to the program chairman, Dr. A. Taylor, Westinghouse Research Laboratories, Beulah Road, Pittsburgh 35, Pa., before September 1. Abstracts should be submitted by September 20.



"Research for Industry"

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

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

BATTELLE
 RUSSEL S. DRUM, ATOMIC ENERGY CENTER MEMORIAL 505 King Ave., Columbus 1 Ohio
 INSTITUTE