

INFRARED

PHYSICISTS AND ENGINEERS

for research,
development and engineering
on infrared systems.

This highly specialized
work is conducted
in one of the nation's
largest advanced
electronics organizations.

Adequate fundamental
training is essential.
Experience in this field or
related areas is desirable.



RESEARCH
AND
DEVELOPMENT
LABORATORIES

Scientific
and Engineering
Staff

Culver City,
Los Angeles County,
California

PHYSICISTS

The APPLIED PHYSICS LABORATORY OF THE JOHNS HOPKINS UNIVERSITY offers an exceptional opportunity for professional advancement in a well-established laboratory with a reputation for the encouragement of individual responsibility and self-direction. Our program of

GUIDED MISSILE

RESEARCH AND DEVELOPMENT

provides such an opportunity for men qualified in:

TRANSISTOR CIRCUIT DESIGN

MICROWAVE NOISE STUDIES

ELECTRONIC DESIGN AND ANALYSIS OF CONTROL SYSTEMS

RESEARCH IN FLUID DYNAMICS AND IN SOLID STATE PHYSICS

MISSILE SYSTEMS DEVELOPMENT

FLIGHT TESTING

Please send your resume to

G. B. MAYFIELD

APPLIED PHYSICS LABORATORY THE JOHNS HOPKINS UNIVERSITY

8621 Georgia Avenue
Silver Spring, Maryland

244th Regiment Armory, 14th Street between 6th and 7th Avenues, in conjunction with the First International Automation Exposition. Advance registration (\$5) is required, for which forms can be obtained from Richard Rimbach, Electronic Computer Clinic, 845 Ridge Avenue, Pittsburgh 12, Pennsylvania.

Mathematics

The Society for Industrial and Applied Mathematics will hold its first national meeting in conjunction with the annual meetings of the American Mathematical Society, the Mathematical Association of America, and the Association for Symbolic Logic at the University of Pittsburgh, December 27-29. The following addresses will be presented during an evening session: "The History of a Problem" (Brockway McMillan, Bell Labs); "The Control of Industrial Operations" (Herbert A. Simon, Carnegie Tech); "Probability Theory in Liability and Property Insurance" (C. W. Crouse, Actuary, Preslan and Company). Further information can be obtained from H. W. Kuhn, Dalton Hall, Bryn Mawr College, Bryn Mawr, Pennsylvania.

Polymers

Forthcoming lectures of the Akron Polymer Lecture Group (University of Akron) will be given by R. Simha (December 3), M. Szwarc (January 7), T. W. DeWitt (February 4), M. Wismer (March 4), and R. K. Iler (April 15). Further information can be obtained from T. R. Paxton, The B. F. Goodrich Company, Research Center, Brecksville, Ohio.

Semiconductor Symposium

The 3rd annual Semiconductor Symposium of the Electrochemical Society will be held May 2-5, 1955, in Cincinnati. Preliminary plans call for two sessions on semiconducting materials and one session each on surface-controlled phenomena and on chemical process technology. Those wishing to present papers should communicate immediately with the chairman of the symposium, F. J. Biondi, Bell Telephone Laboratories, Murray Hill, New Jersey.

Looking Ahead

The Third U. S. National Congress of Applied Mechanics will be held at Brown University, Providence, Rhode Island, during June 11-14, 1958. It is hoped that the scheduling of conflicting meetings can be avoided by this early announcement of the date chosen for the Congress. Further announcements concerning the preparation of papers will be made as the Congress draws nearer. Inquiries regarding the Congress should be addressed to one of the following members of the Organizing Committee at Brown University, Providence 12, Rhode Island: Professor D. C. Drucker, Secretary; Professor E. H. Lee, Treasurer; Professor W. Prager, Chairman.