

Nuclear Physicist

● We are looking for a Senior Physicist with at least 5 years' experience in the use and design of "systems" for the detection of low level radiation. In general, the primary responsibility of this Physicist will be the design and specifications of the front end of nuclear systems and instruments. In addition, he will spend a large percentage of his time looking into and evaluating new developments in the nuclear physics field, in order to consider these for possible influence and application to our product line.

It is our hope that this scientist in conjunction with senior engineering personnel will plan an important part in the future of our commercial instrument line. Thus, we are seeking an individual with a high degree of maturity and combined interest in the practical and theoretical.

This position offers excellent starting salary and participation in the employee benefit program which includes profit sharing.

Please submit resume in complete confidence to:

Mr. Herbert Aronson
Chief Engineer, Instrument Laboratory

As usual all qualified applicants will receive consideration for employment without regard to race, creed, color or national origin.



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head of Washington University's Physics Department (chairman); Louis P. Hammett, emeritus professor of chemistry at Columbia University; Sir Harrie Massey, professor of physics at the University of London; Hugh Odishaw, executive director of the National Academy of Sciences Space Science Board; and Ernst Weber, president of the Polytechnic Institute of Brooklyn. The publisher is William G. Maass, and the editorial staff consists of editor Robert Colborn, executive editor Daniel I. Cooper, associate editors David C. Allison, Evan Herbert, Theodore Melnechuk, Ford Park, and Seymour Tilson, and assistant editors Sheila Bouwman and Regula Davis.

Distributed through controlled circulation, the magazine will reach about 100 000 scientists and engineers in this country and 20 000 abroad.

Literature-Searching Aids

The Institute of the Aerospace Sciences has received a grant from the National Science Foundation for the preparation of a comprehensive annual subject index to the world literature of aerospace technology covering more than 10 000 documents. The index is expected to appear in book form early in 1962 and to serve as a key to the publications now being abstracted in the monthly *International Aerospace Abstracts*.

A new instruction booklet for users of "Solid State Abstracts on Cards" has been issued by Cambridge Communications Corporation, publishers of the journal *Solid State Abstracts* and of the 3" x 5" cards which reproduce the abstracts carried in the journal to facilitate cumulative filing. The pamphlet can be obtained by writing to Dept. M, Cambridge Communications Corporation, 238 Main Street, Cambridge 42, Mass.

An indexed bibliography of doctoral theses in physics, listing those accepted by nearly 100 American universities in the period between 1861 and 1959, has been compiled by M. Lois Marckworth with the assistance of the staff of the Advanced Systems Development Division and Research Laboratories, International Business Machines Corporation, San Jose, Calif. Entitled *Dissertations in Physics* and published by Stanford University Press, the book is 803 pages long and is priced at \$17.50.

The introduction contains a two-page summary of the numbers of physics PhD's granted in each year by various universities. The first part of the book contains an alphabetical list of authors, which includes title, date, and the source from which a copy of the dissertation may most readily be obtained. A permuted title index follows, in which each key word is indexed. Under each key-word entry the full title is listed, followed by a serial number which refers back to the author index. The permuted index is succeeded by a numerical index which lists titles by energy ranges, wavelength ranges, etc., for the cases where such classification is applicable to the subject matter.