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FACULTY POSITION. Associate Professor with Ph.D. in physics and at least seven years of college teaching experience. Salary \$6000 for nine months, plus \$1500 for the summer session of nine weeks. Summer work will probably be available two summers out of every three. Start September 1, 1957. H. E. Ruff, Head, Department of Physics, Louisiana Polytechnic Institute, Ruston, Louisiana.

#### **OPENING**

For a responsible individual as Assistant in Radiology for work in Isotope Laboratory. Academic appointment; research opportunity; minimum salary \$5,500. Minimum requirements: B.S. in Physics. Some experience desired. Submit replies to Walter S. Moos, Ph.D., Department of Radiology, University of Illinois, 840 S. Wood Street, Chicago 12, Illinois.

#### POSITION WANTED

Physicist, Ph.D. experienced teacher desires full professorship or chairmanship; available Spring or Fall 1957. Box 1256, Physics Today, 57 East 55th Street, New York 22, N.Y.

A highlight of the conference was an invited paper by Prof. Wigner. Reference has already been made to the Wigner formulation of resonance capture in terms of surface and volume absorption. In particular the capture can be expressed in terms of the surface to volume ratio of the lump. For cylindrical rods, then, there is a dependence on  $r^{-1}$ , where r is the radius of the cylinder. Russian work has recently appeared in which, starting from a point of view apparently quite different from Wigner's, a similar expression is derived, but with a dependence on r1. Wigner pointed out that in his formulation, a similar dependence (on r1) results in the case of very thin rods. For somewhat thicker rods, whose dimensions are those of practical interest, both the Wigner and the Russian expressions fit experimental data reasonably well, although the Wigner theory seems to be based on sounder grounds, since it does not neglect the moderating effects of uranium. Experiments that have been performed in the US and the USSR to elucidate these effects seem to give contradictory results.

The after dinner speech on September 24 was given by A. M. Weinberg. With charm and lucidity he discussed the state of reactor physics in the West. One of the most hopeful trends to be noted was the increasing cooperation among reactor physicists throughout the free world; the present conference as a matter of fact heard one Swedish and two British papers, and had representatives from Canada and Harwell present.

There was general agreement by those present that the meeting was a success. Such small meetings seem to be quite common in many branches of physics now that the professional society meetings have become so large and unwieldy, and it was generally agreed that the Brookhaven conference should be followed by others.

A final word of appreciation to Jack Chernick of Brookhaven is in order. The concept and success of this conference were due to him and his efforts were duly appreciated by those present. Marietta Kuper, also of Brookhaven, took capable charge of the many details which insured a smooth meeting and the comfort of the visiting participants.

> R. Sher and N. Corngold Brookhaven National Laboratory

#### National Biophysics Conference

A STEERING committee of some fifty scientists, representing various aspects of biophysical research in the United States, has organized a national biophysics conference to take place in Columbus, Ohio, March 4-6, 1957. The conference will encompass studies which employ the approach of physics in biological measurement and theory, at levels of organization from molecules and cells to complex systems and psychophysics. The program is expected to include twelve invited papers related to different biophysical fields and a large number of contributed papers. The program committee is under the chairmanship of Samuel A. Talbot of the Department of Medicine at Johns Hopkins Hospital in Baltimore. Scientists with biophysical inter-

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ests may write to Dr. Herman P. Schwan, chairman of the publicity committee for the conference, at the School of Medicine, University of Pennsylvania, Philadelphia 4, Pa., for further details and information on presenting contributed papers.

#### Crystallography

THE International Union of Crystallography has accepted the invitation of the National Research Council of Canada to hold its Fourth General Assembly and International Congress in Canada from the 10th to the 17th of July, 1957. Papers will be presented on all aspects of crystallography. The Congress will be followed (July 18–19) by two symposia: on Physical Techniques of Crystallographic Interest and on Electron Diffraction. The meetings are to be held in Montreal through the cooperation of McGill University and the University of Montreal. Technical excursions to other parts of the Province of Quebec and to sections of the Province of Ontario are being arranged.

The Canadian National Committee on Crystallography is acting as the local committee of the Congress and has prepared a brochure giving details of the technical program and information on accommodations. Copies may be obtained from Secretaries of National Committees of the Member Countries of the Union; from the General Secretary of the Union, Dr. D. W. Smits. Laboratorium voor Anorganische en Fysische Chemie, Bloemsingel 10, Groningen, The Netherlands; from the Secretary of the Canadian Committee, Dr. W. H. Barnes, Division of Physics, National Research Council, Ottawa 2, Ontario, Canada (envelope to be marked "Personal"); or from the Chairman of the Program Committee, Dr. W. N. Lipscomb, School of Chemistry, University of Minnesota, Minneapolis, Minn. The Secretary of the US National Committee on Crystallography is Dr. G. A. Jeffrey, Chemistry Department, The University of Pittsburgh, Pittsburgh 13, Pa.

#### Operations Research

THE first International Conference on Operations Research will be held September 2-6, 1957, in Oxford, England. Sponsors are the Operational Research Society of Great Britain, the Operations Research Society of America, and the Institute of Management Sciences. Delegations are being organized by local societies in France, Germany, Italy, Norway, and Japan, and it is expected that the interest in this rapidly developing new science will also bring observers from several other countries as well. Papers on operations research or its applications are now being selected for the agenda, which is to be published in full as a single volume of Transactions. Summaries of about 200 words in length should be sent not later than December 30, 1956, to Dr. Thornton Page, Operations Research Office, 7100 Connecticut Avenue. Chevy Chase 15, Maryland.

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