SCIENCE EDUCATION

Summer Study

Applications should be filed by April 1 for the 1961 International Summer Course in Science sponsored by the Netherlands Universities Foundation for International Cooperation. The course, organized with the help of a grant from the North Atlantic Treaty Organization, will be held August 1–16 at Nyenrode Castle, Breukelen, the Netherlands, and will deal with fundamental problems in statistical mechanics.

About forty lectures will be given, all in English. Among the lecturers will be N. G. van Kampen, K. Huang, N. M. Hugenholtz, E. G. D. Cohen, L. Van Hove, H. Wergeland, P. Mazur, and G. E. Uhlenbeck. Although the course is primarily intended for the benefit of advanced students, the organizers have indicated that applications from young scientists actively engaged in physics or chemical physics will be welcomed. Participation will be limited to fifty persons. There will be no tuition, but participants will be charged 250 Dutch guilders (about $67) to cover the cost of accommodations, meals, and excursions.

Applications must contain the usual vital statistics, including degrees held (with date and university specified), present professional activity, publications, and other such pertinent remarks as whether the applicant intends to bring his family. A note from a university professor of physics or chemical physics, testifying to the candidate's qualifications and interest in the course, should be included. Applications should be mailed to the Registrar, Netherlands Universities Foundation for International Cooperation, 27 Molenstraat, the Hague, the Netherlands.

Brandeis University has announced plans for a Summer Institute in Theoretical Physics consisting of two consecutive three-week sessions from June 26 through August 4. Courses and seminars will be offered for graduate students and postdoctoral students, with greatest emphasis on high-energy physics and elementary particles. Some fellowships and grants-in-aid will be available.

Among the visiting faculty will be R. Eden, of Cambridge University, England; R. Glauber, of Harvard University; G. Källén, of the University of Lund, Sweden; J. C. Polkinghorne of Cambridge University, England; J. J. Sakurai, of the University of Chicago; A. Salam, of Imperial College, London; and E. C. G. Sudarshan, of the University of Rochester.

Inquiries about the Summer Institute should be directed to the Summer School Office, Brandeis University, Waltham 54, Mass.

A short course on solid-state mechanics will be given at Pennsylvania State University from June 11 to 23. Primarily planned for research, design, and materials engineers, it is also expected to be of interest to metallurgists, physicists, and chemists engaged in materials science. Joseph Marin, head of the Department of Engineering Mechanics, is chairman of the course. The fee is $175. Further information can be obtained from the Conference Center, The Pennsylvania State University, University Park, Pa.

Oak Ridge Institute of Nuclear Studies is preparing to hold its tenth training session of the Oak Ridge Science Demonstration Lecture Program (June 19 to September 15). The program, supported by a grant from the National Science Foundation and organized with the cooperation of the Atomic Energy Commission, is designed to improve science-teaching techniques and to encourage the construction of effective and economical demonstration equipment. Some twenty secondary-school science teachers and administrators will participate in the three-month session. Further information about the program can be obtained by writing to the University Relations Division, Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee.

Educational Placement Services

A study aiming to survey the nature and extent of placement services for higher education offered by privately supported organizations in the United States is being conducted by the US Office of Education under the direction of Robert Poppendieck, specialist for teacher education in the USOE. The study, which is intended to cover placement for all academic and administrative positions, was conceived jointly by the Office of Education and the American Council on Education as a move toward defining the complex network of higher educational placement facilities.

In the initial phase of the study, questionnaires were sent to some 200 private organizations concerned with higher education, and it is intended that the findings be published as a directory of their various placement services. Organizations wishing to be included in this listing should direct their inquiries to Dr. Poppendieck (Rm. 3760, US Office of Education, Washington 25, D. C.).

Facilities and Programs

Completion of the first spiral ridge cyclotron, a new addition to the family of proton accelerators, was announced recently by the University of California at Los Angeles. The design of the 49-inch instrument, a spiral cloverleaf shape which keeps the protons in step with the dee voltage, permits continuous acceleration up to 50 Mev. In addition, spiral iron shims have been placed at intervals in the magnetic gap, altering the magnetic field in such a way as to focus the protons in a beam without putting them out of phase with the