SCIENCE EDUCATION

Les Houches 1965

High-energy physics will be the subject of the 1965 session of the University of Grenoble's Summer School for Theoretical Physics to be held at Les Houches (Haute-Savoie), France, from July 1 through August 25. The theory will be presented in courses meaningful to experimentalists, and problem sessions related to the courses will be conducted so that the participants can gain more familiarity with theoretical calculations.

The program will include lectures on group theory, invariance principles, and symmetries by G. C. Wick, theories of strong interactions by M. Froissart and R. Omnès, dynamics of strong interactions by G. F. Chew, phenomenology of strong interactions by R. H. Dalitz and J. D. Jackson, and weak interactions by a lecturer to be announced. There will also be seminars conducted by B. P. Gregory and C. N. Yang. Both French and English will be used in the courses.

A solid background in quantum mechanics is a prerequisite. Admission will be limited to thirty-five participants. In the past a number of National Science Foundation travel grants have been available for United States citizens admitted to schools such as Les Houches, which receive partial support from NATO. According to the organizers, it is hoped that similar grants will be available in 1965.

Further information concerning the courses and application blanks for admission can be obtained from Professor Cécile DeWitt, Department of Physics, University of North Carolina, Chapel Hill, North Carolina. Completed blanks must be received in Grenoble no later than March 1.

Commission on College Physics

The Commission on College Physics has recently announced its new officers and commissioners. E. Leonard Jossem of the University of Michigan was elected executive secretary, succeeding Edward D. Lambe who became secretary. Matthew Sands of Stanford University was elected chairman and Robert I. Hulsizer of the Massachusetts Institute of Technology was elected vice-chairman. Dr. Lambe, Dr. Hulsizer, and Walter D. Knight of the University of California in Berkeley were appointed commissioners for two-year terms.

Newly elected commissioners for four-year terms include Herman Branson of Howard University, Robert Leighton of the California Institute of Technology, and Robert V. Pound of Harvard University. Walter C. Michels of Bryn Mawr College, Philip Morrison, at MIT on leave of absence from Cornell University, Melba Phillips of the University of Chicago, and Robert Resnick of Rensselaer Polytechnic Institute were reelected to four-year terms as commissioners. Everett M. Hafner has taken a leave of absence from the University of Rochester to join the staff of the Commission.

NDEA extension

This fall, the 88th Congress completed action on a bill to broaden the National Defense Education Act of 1958. In extending the Act for three years beyond its present expiration date of June 30, 1965, Congress at the same time expanded NDEA programs for student loans, graduate fellowships, guidance, and equipment purchases. Items of interest to physics education include an increase in authorization for low-interest student loans from the present $135 million to $163.3 million for fiscal 1965, $179.3 million in 1966, $190 million in 1967, and $195 million in 1968. In addition, the annual $800 000 limit which any one institution may disburse from its student loan fund has been removed. Loans to graduate and professional students have been raised from $1000 to $2500 per year, while the total loan per student for both undergraduate and graduate education has been increased from $5000 to $10 000. Students carrying one-half the normal academic workload are now made eligible for loans, and loan forgiveness of up to fifty percent has been extended to those who go on to teach in colleges and universities.

The new bill also raises the number of fellowships in any one year from the present 1500 to 3000 in fiscal 1965, 6000 in 1966, and 7500 each in 1967 and 1968. Another feature of the bill will expand guidance-counselor institutes to include the training of college guidance personnel, and counseling programs will be extended to technical institutes as well as public junior colleges.

JILA fellowships

The University of Colorado at Boulder is offering approximately ten stipends to visiting fellows for study at the Joint Institute for Laboratory Astrophysics during 1965-66. Recipients will be allowed to engage in research of their own choosing in the field of laboratory astrophysics. Stipends will normally equal the fellow's present academic salary, adjusted to a 12-month basis, and awards to those coming from industry or abroad will be matched to the salaries offered for equivalent academic positions in the US. In no case will the stipend exceed $19 000. Further information and requests for applications (closing date January 15) can be obtained from the Secretary, Visiting Scientists Program, JILA, University of Colorado, Boulder.

New graduate program

A new graduate program in material sciences, leading to an MS degree, has been inaugurated at the State University of New York at Stony Brook. The Department of Material Sciences at Stony Brook, which is offering the program, is housed in a new engineering building containing various related laboratories as well as a subcritical reactor and a radioisotope, single crystal, and electron microscope facility. Teaching assistantships and research fellowships are available with a stipend of $2575 for the academic year; faculty research grants are also available to supplement the stipend. Further information can be obtained from Sumner N. Levine, chairman, Department of Material Sciences, State University of New York, Stony Brook.