

PHYSICISTS

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ratory and Department of Chemistry, will consist of two introductory one-week courses, one on the technique and the other on the applications of infrared spectroscopy. Both courses are to be under the direction of Richard C. Lord, director of the MIT Spectroscopy Laboratory, who will be assisted by Prof. E. R. Lippincott of the University of Maryland Department of Chemistry. Application forms and full information may be obtained from Dr. James M. Austin, Director of the Summer Session, Room 7-103, Massachusetts Institute of Technology, Cambridge 39, Mass.

Hughes Aircraft Company, Culver City, Calif., is planning to grant fellowships for work towards the master of science degree to 150 science and engineering graduates throughout the nation in 1958. The fellowships include full tuition, books, and university fees plus salaries for part-time work as members of the Hughes research and development staff, where they will be assigned to do advanced research in military and industrial electronics. The remaining time will be spent working toward the MS degree in physics or electrical or mechanical engineering at the University of Southern California, University of California at Los Angeles, California Institute of Technology, or the University of Arizona. Specific fields of study will be chosen by the individual fellows. Inaugurated in 1952, the Hughes program so far has enabled 265 students to obtain master's degrees, and an additional 217 are currently enrolled in the plan. Applications sent to Hughes by April will be considered for 1958 awards.

Boston College has announced a two-week course in modern industrial spectroscopy to be held from July 21 to August 1. The course is designed for chemists and physicists from industry who wish to learn the techniques of emission spectroscopy as an analytical tool. Information on the course may be obtained from Prof. James J. Devlin, S.J., Physics Department, Boston College, Chestnut Hill 67, Mass.

Publications

Volume 1, Number 1 of *Molecular Physics*, published in England by Taylor and Francis Ltd., appeared in January. Academic Press Inc. (111 Fifth Ave., New York 3, N. Y.), is the distributor of the journal in the US and Canada. The new journal is edited by H. C. Longuet-Higgins of the Cambridge University Chemical Laboratory, assisted by J. H. van der Waals, Koninklijke/Shell-Laboratorium, Amsterdam, and a 31-member editorial board representing western Europe and the United States. Board members from the US include P. J. W. Debye (Cornell), J. O. Hirschfelder (Wisconsin), D. F. Hornig (Princeton), J. G. Kirkwood (Yale), W. Moffit (Harvard), and R. S. Mulliken (Chicago). *Molecular Physics* will concentrate primarily on original research papers dealing with (1) molecular structure and dynamics, (2) the electric and magnetic properties of molecules and the processes of molecular excitation, ionization, and dissociation, and

(3) the equilibrium, transport, and relaxation properties of molecular assemblies. During 1958 the editors expect to publish four issues, which will constitute Volume 1. Subscription price is \$13.30 per volume, post free; single issues will be available for \$3.50 plus postage.

The American Society of Mechanical Engineers has announced that it will publish complete English translations on a bimonthly basis of the Soviet *Journal of Applied Mathematics and Mechanics* (*Prikladnaya Matematika i Mekhanika*). The journal, which contains theoretical and practical advances in mathematics, fluid dynamics, and solid-state physics, will be translated, beginning this year, under a \$35 000 National Science Foundation grant. The translated version will be edited by George Herrmann of Columbia University. Although arrangements have been made to secure proof sheets of the Russian edition in advance of final printing, the ASME announcement (dated February 17) noted that it was still uncertain when the first translated issue would be released because the first 1958 Russian issue had not yet appeared in Moscow. Copies will be sold on a subscription basis at an annual rate of \$35 for the six issues and may be ordered from the Order Department, The American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N. Y.

Consultants Bureau, Inc., is now providing a translation of *Metallurgist*, the monthly technical journal of the USSR Ministry of Iron and Steel. The journal surveys all phases of metallurgical research from ore to finished product and applications. Translation begins with the 1957 volume. Annual subscription rate is \$95; single issues \$20; single articles \$7.50. Tables of contents will be mailed free and for these or subscriptions write to Consultants Bureau, 227 West 17th Street, New York 11, N. Y.

Consultants Bureau is also compiling a *Russian-English Physics Dictionary* which will be completed in 1959 and will be available at a cost of \$50. In the interim, word-equivalent glossaries on 8 special fields of physics are in preparation and will be available from Consultants Bureau at \$10 each. Prepublication subscribers to the *Dictionary* will also receive, at no additional cost, each of the glossaries: *Nuclear Physics and Engineering* (published); *Electronics* (published); *Solid State* (published); *Electricity and Magnetism*; *Liquids and Hydraulics*; *Acoustics and Shock Waves*; *Mechanics and General Physics*; and *Atomic Physics, Spectroscopy, Optics*.

Officers

The Council of CERN, the European Organization for Nuclear Research, has elected François de Rose of France as its president for 1958. In compliance with the terms of the convention, which limits tenure of office to three successive years, Prof. de Rose succeeds Sir Ben Lockspeiser who had presided over the governing body of CERN since 1954. J. Willems of Belgium

PHYSICISTS

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