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ate students who have completed all course work, passed all qualifying examinations, and wish to do research to be presented in thesis form for advanced degrees from their universities will be considered for one-year appointments. Further information and application blanks may be obtained from: Professional Personnel Office, Argonne National Laboratory, P. O. Box 299, Lemont, Ill. Applications for summer employment should be received not later than the end of January 1957.

Summer Programs

The University of Mexico took the initiative during the past summer (July 9th to August 31st) to organize in its Physics Department a group of graduate courses on low-energy nuclear physics. The program proved to be very successful, attracting more than thirty physicists from Mexico, the United States, Europe, and South America.

Five courses were offered: theory of nuclear forces (R. E. Peierls, Birmingham); electromagnetic interactions with nuclei (J. S. Levinger, Baton Rouge, La.); theory of nuclear reactions (R. G. Thomas, Los Alamos); nuclear shell theory (B. Stech, Heidelberg); collective motions in nuclei (M. Moshinsky, Mexico). All of these courses were well attended, though it proved to be a rather heavy task for most of the participants to follow fifteen lectures a week of indeed very condensed material. The lectures will be available in a short time.

In addition to the courses, a weekly seminar was held which became particularly stimulating by the constant help and criticism of Prof. Peierls, who contributed two reports on the conferences held a short time before in Rochester (April 1956) and in Moscow (May 1956). South American participants had the very welcome opportunity to submit the recent work of their groups (quantum electrodynamics, photonuclear excitation, theory of deuteron polarization, semimagic numbers in shell structure) for discussion and criticism. Part of the work of the seminar was devoted to learning about the work which is currently carried out by the Physics Department of the University of Mexico. Prof. A. F. Alba's group, working with a 2-Mev deuteron beam of a Van de Graaff accelerator, studied stripping in C^{12} and O^{16} . Systematic work is carried out on the study of atmospheric radioactivity. Prof. Moshinsky has formed a very promising group of young theoreticians who currently study problems concerning velocity-dependent nuclear forces.

At the request of several participants Prof. Graef Fernandez held a series of lectures on general relativity and Birkhoff's theory.

The burden of the organization of the summer school fell upon Prof. Moshinsky. His task was supported by the director of the Physics Department, Prof. Fernandez, by the authorities of the University, by Unesco, and by several national institutions of the countries who were represented and who contributed to traveling

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expenses of the participants. Prof. Moshinsky has certainly succeeded in improving earlier attempts made in Latin America to organize meetings of physicists. The meeting in Mexico was limited to a comparatively narrow subject and gained, therefore, considerably in profundity of the presented material. This will certainly influence and encourage further initiative along the same lines and will serve to stimulate modern work in Latin American countries.

The meetings of the summer school were held in the beautiful and luxurious new Ciudad Universitaria of Mexico, where participants received many kind attentions from the authorities of the University. They left with the conviction that several new and promising research groups were growing in Mexico and that this growth was only a small part of a vigorous and general cultural renaissance in that country.

**Guido Beck
Rio de Janeiro**

The sixth annual session of the Summer School for Theoretical Physics of the University of Grenoble was held during the summer of 1956 (July 2 to August 25) at Les Houches, France. As in previous years, fifteen French students and fifteen other students representing various nationalities attended the intensive lecture courses which were organized with the financial assistance of the French Ministry of National Education and the cooperation of nine professors from widely scattered centers. The main emphasis this year was on solid-state physics, the following courses being offered: low-temperature physics (J. Bardeen, University of Illinois); quantum theory of solids (H. Jones, University of London); quantum perturbation theory (B. S. DeWitt, University of North Carolina); domaines élémentaires et hysteresis dans les ferromagnétiques (L. Néel, University of Grenoble); théorie du magnétisme (A. Herpin, Centre d'Etudes Nucléaires, Saclay); spin waves (R. Kubo, University of Tokyo); dislocations and the plastic properties of crystals (A. H. Cottrell, Atomic Energy Research Establishment, Harwell, England); lattice dynamics (W. A. Bowers, University of North Carolina); semiconducteurs (P. Aigrin, University of Paris).

Publications

The Proceedings of the CERN International Symposium on High Energy Physics, which took place in Geneva last June, now appear in two volumes published by CERN. Volume 1 of the *Proceedings*, covering the first week of the Symposium, contains approximately 80 papers on high-energy particle accelerators. Volume 2, which contains approximately the same number of papers, covers the second week of the Symposium, which dealt with pion physics and experimental techniques. The *Proceedings* are available from CERN, Service d'Information, Case postale 25, Geneva 15, Switzerland at a price of 40 Sw. francs per volume.