

Postdoctoral fellowships, requiring a doctoral degree or equivalent in one of the sciences, engineering, or mathematics, also have an application deadline in early December with awards to be announced on March 15th.

Applications can be obtained from the Fellowship Office, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, N.W., Washington, D. C. 20418.

Austrian winter school

Elementary particles will be the theme of the University of Graz' fifth international winter school to be held February 24 to March 9 at Schladming, Styria. The course is sponsored by Austria's federal department of education, and the state government of Styria. Further details can be obtained from Dr. Rudolf Baier, Institut für Theoretische Physik, Universitätsplatz 5, Graz, Austria.

New departments

Astronomy as a major course of study is now being offered at the Pennsylvania State University. The newly established four-member Astronomy Department officially became part of Penn's College of Science last July 1 and is headed by John P. Hagen, professor of radio astronomy and director of the University's Radio Astronomy Laboratory.

A 1500-acre campus, three miles from Newport Beach and the Pacific Ocean, is opening this fall as the new Irvine branch of the University of California. Some 1300 undergraduates and 80 graduates are expected to enroll at Irvine, which, together with the new Santa Cruz branch further to the north, brings to nine the number of campuses in the UC system.

Physics at Irvine is represented by an initial seven-man faculty consisting of Kenneth W. Ford (chairman) formerly of Brandeis University, A. Theodore Forrester from Electro-Optical Systems, Alexei A. Maradudin from Westinghouse Research Laboratories, John R. Pellam from the Garrett Corporation, Gordon L. Shaw from Stanford University, Thomas E. Stark from

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Active Area (sq mm)	25 - 350	25 - 350
Depletion Depth (μ)	100 - 600	†50 - †250
*Energy Resolution (Kev FWHM)	15 - 30	15 - 30
*Leakage Current (μ a/cm ²)	0.25 - 3.0	0.26 - 5.0
— at Operating Voltage (v)	100 - 250	100 - 250
*Active area dependent, Alpha resolution measured with 5.477 Mev peak Am²⁴¹ @ 25°C with 10 Kev amplifier noise. †Nominal detector thickness 250μ. Depletion depth is adjusted by bias control.		

Technical data and price information are available for standard detectors. In addition, a convenient application work sheet will be sent to assure our prompt reaction to your experimental detector requirements. Write EG&G, Inc., 160 Brookline Ave., Boston, Mass. 02215, or phone 617-267-9700. TWX: 617-262-9317.

