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from EG&G Princeton Applied Research



The Model 196 Mechanical Light Chopper is a variable speed system capable of chopping over a frequency range from 5 Hz to 4000 Hz. Its small size and flexibility makes it applicable to a wide range of optical applications such as fiber optics and spectroscopy.

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period to cover a portion of the researchers salaries and the construction and maintenance costs of the planned Urbana building. The Foundation, along with Mercy Hospital, is supported by the charitable organization known as ServantCor.

Knotek new head of National Synchrotron Light Source

Michael L. Knotek, formerly of Sandia National Laboratories, became the new chairman of Brookhaven's National Synchrotron Light Source Department on 1 April. Knotek joined Sandia after receiving his PhD from the University of California in Riverside in 1972. At Sandia, his research interests centered on desorption phenomena (PHYSICS TODAY, September 1984, page 24) and in 1979 he was appointed supervisor of the surface science division. In 1983-84, he served as cochairman of the Planning Study for Advanced National Synchrotron Radiation Facilities, which was intended to study the development of the field over the next five to ten years.

in brief

Gary W. Carriveau, former senior research scientist at the Detroit Institute of Arts and adjunct professor at Wayne State University in Detroit, has been appointed head of the scientific department of the National Gallery of Art in Washington, DC. Carriveau, who holds a PhD from the Australian National University in Canberra, has also been a senior research physicist at the Metropolitan Museum of Art and has worked with the University of Pennsylvania's Applied Science Center for Archaeology.

Judith L. Pipher, professor of astronomy at the University of Rochester and director of the university's C. E. Kenneth Mees Observatory, is the recipient of the Dudley Observatory's 1984-85 Ernest F. Fullam Award. Pipher's major research interest is infrared astronomy, and the \$5000 award will be used to upgrade the image-processing system of the Rochester Array Camera. Pipher recently headed a group that employed NASA's flying observatory—a specially equipped C-141 jet—in studies of the luminous regions of the Milky Way. She holds a PhD from Cornell University.

Burton Hencke, formerly of the University of Hawaii in Honolulu, has joined the staff of the Center for X-Ray Optics at the Lawrence Berkeley Laboratory.