

affairs. Irving Lerch, a professor and senior physicist in the division of radiation oncology at New York University Medical Center, has been named to fill the position. Lerch is responsible for overseeing all international activities of APS.

The creation of the position was based on a recommendation from the APS Task Force on International Scientific Affairs, headed by Mildred Dresselhaus of MIT. In a report released in November, the task force concluded that there is "a clear and growing need" for a staff member who would handle the increasing number of requests for cooperation with foreign physics groups.

Lerch has had considerable experience in international scientific exchange. From 1973 to 1975 he worked as a staff scientist with the International Atomic Energy Agency in Vienna, and from 1976 to 1986 he was a technical consultant for the IAEA and the World Health Organization in Eastern Europe, Asia and the Middle East.

Lerch received a PhD in medical physics from the University of Chicago in 1969 and worked as a research associate at the university before joining the IAEA. He has been at New York University since 1976.

CRYSTALLOGRAPHERS ELECT MARSH VICE PRESIDENT

Richard E. Marsh, senior research associate emeritus at Caltech, is the new vice president of the American Crystallographic Association. He succeeds Keith D. Watenpugh of the Upjohn Company, who is the 1992 president. Marsh will become presi-

Richard E. Marsh



dent in 1993.

Marsh earned his BS at Caltech in 1943 and his PhD in physical chemistry at the University of California, Los Angeles, in 1950. He spent his entire career at Caltech, from 1950 to his retirement in 1990, mainly studying the molecular and crystal structure of intermetallic compounds and biological materials such as peptides and nucleotides. He is an expert on x-ray diffraction techniques.

ACA reelected as treasurer S. Narasinga Rao, who is a professor of physics in the college of mathematics and science and assistant dean of the graduate college at the University of Central Oklahoma in Edmond.

BARNES SUCCEEDS KNAPP AS HEAD OF LAMPF

Peter Barnes has been named director of the Los Alamos Meson Physics Facility at Los Alamos National Laboratory. He is also leader of the lab's medium-energy physics division, which operates LAMPF, and program director for nuclear and particle physics. He succeeds Edward Knapp, who retired to become president of the Santa Fe Institute (PHYSICS TODAY, October, page 104).

Barnes earned his BS at Notre Dame (1959) and his MS (1960) and PhD (1965) at Yale. He was a fellow in nuclear physics at the Niels Bohr Institute in Copenhagen from 1964 to 1966 and at Los Alamos from 1966 to 1968, when he joined the faculty at Carnegie-Mellon University. He became a full professor at Carnegie-Mellon in 1978.

Barnes has done research on strong, electromagnetic and weak interactions in atomic, nuclear and elementary particle systems. This includes studies of kaonic, antiprotonic and sigma atoms, few nucleon and complex nuclei, lambda hypernuclei, as well as antiproton and kaon physics.

AVS TO PUBLISH SURFACE SCIENCE SPECTRA

This March the American Vacuum Society, in cooperation with the American Institute of Physics, will begin publishing a refereed journal containing surface spectroscopy data. Called *Surface Science Spectra*, the journal will initially be published quarterly in a hard-copy format.

The editors are Charles E. Bryson of Surface/Interface Inc in Mountain View, California, and Gary E. McGuire of the Center for Microelectronics in Research Triangle Park, North Carolina.

To prepare the journal, AVS has established a data archive that will contain spectra of all classes of solid materials. Researchers will contribute spectra of any material with a reproducible or technologically interesting surface. Published spectra will include information on specimen specification and the methodology used to obtain the spectra. Eventually, AVS expects the database to be accessible to the research community in an electronic format.

A one-year subscription to *Surface Science Spectra* is \$987 in the US, \$997 in Canada and Mexico, and \$1007 elsewhere. Subscriptions can be obtained by contacting American Institute of Physics, Member and Subscriber Services, 500 Sunnyside Boulevard, Woodbury NY 11797-2999; telephone (516) 576-2270, fax (516) 349-9704.

IN BRIEF

Lawrence Livermore National Laboratory has established a Center for Applications of Laser and Electro-optic Technologies, with the mission of fostering Livermore's laser programs. The director is Ralph Jacobs.

On 16 September the Solar Energy Research Institute in Golden, Colorado, was officially renamed the National Renewable Energy Laboratory. The lab is operated for DOE by the Midwest Research Institute in Kansas City, Missouri.

Australia signed a cooperation agreement with CERN on 1 November, anticipating among other things Australia's possible participation in the Large Hadron Collider project, Europe's competitor to the SSC. CERN already has similar agreements with Brazil, Bulgaria, Czechoslovakia, Hungary, India and Israel.

The *Optics Cooke Book*, first published by OSA in 1984, is available in a second edition. The book contains Frank Cooke's contributions to optical fabrication, based on a column he edited in *Applied Optics* for 28 years. The book's cost is \$24 for OSA members and \$60 for nonmembers and is available from Publications Department, OSA, 2010 Massachusetts Avenue NW, Washington DC 20036. ■