

Irvin Krieger elected S of R vice-president

Irvin M. Krieger, professor of physical chemistry and macromolecular science at Case Western Reserve University, Cleveland, Ohio, has been elected vice president of the Society of Rheology. He succeeds Jack R. Knox of Amoco Research Laboratories, who has become president of the Society.



KRIEGER

Krieger received his PhD in physical chemistry from Cornell University in 1951. He joined the chemistry department at the Case Institute of Technology in 1949 and assumed his present title at Case Western Reserve in 1968. His research interests include the rheology and statistical mechanics of colloids and polymers.

Secretary Robert A. Mendelson (Monsanto Corporation), treasurer Edward A. Collins (B. F. Goodrich Company) and editor Raymond R. Myers (Kent State University) have all been re-elected to their offices. Elliot Kearsley (National Bureau of Standards) and Sanford S. Sternstein (Rensselaer Polytechnic Institute) are the new members-at-large of the executive committee.

Noteworthy papers in reference-data journal

The *Journal of Physical and Chemical Reference Data* will soon publish two papers particularly noteworthy for physicists, according to its editor David R. Lide Jr. *JPCRD* is a quarterly review of evaluated data on physical and chemical properties.

A summary of binding energies in

atomic negative ions by H. Hotop and W. C. Lineberger will appear in the next issue. This critical review of electron affinities is the first analysis of all available data in this field. A paper by J. M. H. Levelt Sengers and others on scaled equation of state parameters for gases in the critical region is now in press. The authors developed a new method for handling data in the critical region and applied it to several fluids.

JPCRD is published by the American Institute of Physics and the American Chemical Society for the National Bureau of Standards. Subscription price is \$25 per year for members of ACS and AIP member societies.

Franken and Wolf elected to Optical Society posts

Peter Franken, director of the Optical Sciences Center at the University of Arizona, has been chosen president-elect of the Optical Society of America. He succeeds Boris Stoicheff, who will become president of the OSA on 1 January. The first vice-president to be elected by the Society is Emil Wolf, professor of physics at the University of Rochester. The new election system of the Society provides for the four-year progression of an individual from vice-president to president-elect to president to junior past president. All of these officers are members of the board of directors.

Franken received his PhD in physics in 1952 from Columbia University. He taught physics at Stanford University and then joined the physics faculty at the University of Michigan in 1956. In



FRANKEN

1967-68 he served as deputy director of the Advanced Research Projects Agency, US Department of Defense. Franken became director of the Optical Sciences Center at the University of Arizona in 1973, and his current research interests include lasers, image manipulation and diagnostic radiology.

Wolf, whose research interests lie mainly in physical optics and electromagnetic theory, earned a PhD in physics



WOLF

from Bristol University in 1948 and a DSc from the University of Edinburgh in 1955. Before joining the University of Rochester faculty in 1959 he held teaching and research appointments at the Universities of Cambridge, Edinburgh and Manchester and at New York University.

New directors-at-large of the OSA are Hilda G. Kingslake, Anthony E. Siegman (Stanford University) and Jack Sugar (National Bureau of Standards).

in brief

Application forms are available for American Vacuum Society scholarships for the 1976-77 academic year. These scholarships carry a maximum grant of \$4000 for the academic year. Applications may be obtained from AVS, 335 East 45th Street, New York, N.Y. 10017. The completed applications and all supporting materials must be returned by 31 March.

President Ford has nominated Charles P. Slichter of the University of Illinois to the National Science Board. Slichter will fill the term of the late Hubert Heffner.