(University of Florida, Gainesville) and **Rudolf Ludeke** (IBM Thomas J. Watson Research Center, Yorktown Heights, New York).

Kraynik Elected SoR President

Andy Kraynik has taken office for a two-year term as president of the Society of Rheology and plans to focus on maintaining the high quality of society membership benefits, including its journal and meetings.

Kraynik succeeded **Susan Muller** (see PHYSICS TODAY, December 2003, page 80) and took office last October after the society's annual meeting in Vancouver, Canada. In an interview last month with PHYSICS TODAY, he said he wants to sustain the high level of service to the society that Muller provided during her term as president.

Kraynik

"When a new president comes in, we always joke, 'Don't mess it up,'" he said with a laugh. "Susan Muller was just absolutely superb in every way. . . . Our society is incredibly high functioning. Our dues are $40 a year and that includes PHYSICS TODAY and the *Journal of Rheology*."

According to Kraynik, society membership, domestic and international, totals about 1600 and boosting the number of student members is among his principal aims. Incentives for students include lowered annual membership dues and student travel grants, which pay for four nights of lodging for every society meeting.

Organizing the SoR's International Congress on Rheology from 3 August to 8 August 2008 in Monterey, California, is also a major task for him while he is in office, Kraynik said. The meeting takes place every four years, and the 2008 session is the first one to be held in the US in at least 30 years, he added.

A principal member of Sandia National Laboratories' technical staff in the multiphase transport processes division in Albuquerque, New Mexico, Kraynik received his PhD in chemical engineering from Princeton University in 1973. He joined Sandia in 1976, working in a variety of materials science and engineering science divisions. Kraynik joined the SoR in 1973, and in addition to rheology, his areas of interest include the microrheology of gas–liquid foams and liquid–liquid emulsions, the micromechanics of cellular solids, and non-Newtonian fluid mechanics, viscometry, and polymer processing.

The society's new vice president is **Robert K. Prud'homme** (Princeton University). **A. Jeffrey Giacomin** (University of Wisconsin–Madison) retained his position as secretary and **Montgomery T. Shaw** (University of Connecticut, Storrs) was reelected treasurer. **John F. Brady** (Caltech, Pasadena) was elected editor of the society's *Journal of Rheology*. The new member-at-large on the society's executive committee is **Daniel J. Klingenberg** (University of Wisconsin–Madison); **Timothy Lodge** (University of Minnesota, Minneapolis) and **Lynn Walker** (Carnegie Mellon University, Pittsburgh, Pennsylvania) were reelected.

AAS Hands Out Eight Awards; Seven Win Division Prizes

Six professors, a researcher, and a staff astronomer are receiving awards from the American Astronomical Society.

AAS and the American Institute of Physics are jointly awarding the 2006 Dannie Heineman Prize for Astrophysics to **Marc Davis**, a professor of astronomy and physics at the University of California, Berkeley, "for his pioneering work on the large-scale structure in the Universe." The committee choosing the prizewinner recognizes Davis for "his innovative and influential contributions to observations, simulations and instrumentation, and his outstanding mentoring of students, as examples of outstanding work in the field of astrophysics."

J. Roger Angel, director of the Steward Observatory Mirror Laboratory, director of the Center for Astronomical Adaptive Optics, Regents Professor of Astronomy, and Regents Professor of Optical Sciences, all at the University of Arizona, Tucson, is the recipient of the Joseph Weber Award for Astronomical Instrumentation for 2006. He was selected "for his superlative work spanning two decades on the development of a new generation of large telescopes, his establishment of the Steward Observatory Mirror Lab and a host of extraordinary conceptual ideas that have been turned into practical engineering solutions for astronomy," according to the award citation.

The 2006 Beatrice M. Tinsley Prize goes to **John E. Carlstrom**, professor in the departments of physics and of astronomy and astrophysics and a professor at the Enrico Fermi Institute, all at the University of Chicago, and director of the university's Center for Astrophysical Research in Antarctica. He is cited "for his innovative work on the use of interferometry to study the early Universe through cosmic-microwave background radiation fluctuations and polarimetry and the Sunyaev–Zeldovich effect. He has produced results that strongly constrain cosmological models of the amount and nature of dark matter and energy and the influence of cosmic inflation."

Bryan M. Gaensler, head of the gallium sulfide research group in the high-energy astrophysics division of the Harvard–Smithsonian Center for Astrophysics and a professor in the astronomy department at Harvard University, is the winner of the Newton Lacy Pierce Prize in Astronomy for 2006. He was selected "for his work on the interactions between neutron stars and their surroundings, which led to our appreciation of the wide diversity of magnetized neutron stars."

The Annie Jump Cannon Award in Astronomy for 2006 is being handed out to **Lisa J. Kewley**, a postdoctoral fellow at the Institute for Astronomy at the University of Hawaii at Manoa in Honolulu, "for her powerful work on theoretical modeling and analysis of galaxy spectra. She developed and maintains the online MAPPINGS code to model galaxy spectra, and she devised new techniques for simultaneously deriving star formation history, metallicity and reddening. She leads the way in measuring the star formation and chemical enrichment history of the Universe."

Bohdan Paczynski, Lyman Spitzer Jr Professor of Astrophysics at the Princeton University Observatory, has won the Henry Norris Russell Lectureship for 2006 "for his highly original contributions to a wide variety of fields including advanced stellar evolution, the nature of gamma-ray bursts, accretion in binary systems, gravitational lensing, and cosmology. His research has been distinguished by its creativity and breadth, as well as the stimulus it has provided to highly productive observational investigations."

The 2006 Helen B. Warner Prize for Astronomy goes to **Re'em Sari**, associate professor of astrophysics and planetary science at Caltech, "for his diverse contributions to the theoreti-