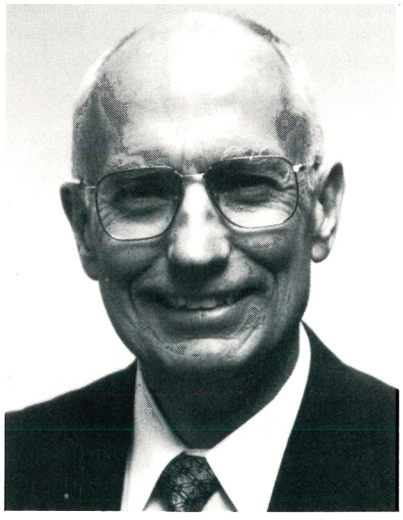
WE HEAR THAT

Dealy to Receive SOR's Bingham Medal

At its annual meeting this month in Monterey, California, the Society of Rheology will present the 1998 Bingham Medal to **John Dealy**, dean of engineering and a professor of chemical engineering at McGill University. The medal goes to Dealy for



JOHN DEALY

his many contributions to the science of rheology, including "the invention of new experimental techniques by building innovative equipment to advance knowledge in the science, his clear and instructive papers and his two excellent books on rheology."

The society will also present the 1998 *Journal of Rheology* Publication Award to **Michael MacDonald**, a research staff member at IBM's Thomas J. Watson Research Center in Yorktown Heights, New York, and to **Susan Muller**, an associate professor of chemical engineering at the University of California, Berkeley. They are being cited for their paper, "Experimental Study of Shear-Induced Migration of Polymers in Dilute Solutions."

AAPT Presents Five Awards at Summer Meeting

The American Association of Physics Teachers presented the following awards at its summer meeting, held in Lincoln, Nebraska, in August.

The Robert A. Millikan Award, which recognizes notable and creative contributions to physics teaching, went to **Edward Redish**, a professor of physics at the University of Maryland, College Park.

The Melba Newell Phillips Award, which honors AAPT members who display creative leadership, dedicated service and exceptional contributions, was given to **John Layman**, a professor emeritus of physics and science education at the University of Maryland, College Park.

At the meeting, the Klopsteg Memorial Lecture was delivered by **Sidney Nagel**, the Louis Block Professor in the Physical Sciences at the University of Chicago. The subject of his talk was "Physics at the Breakfast Table—or Waking Up to Physics".

The Excellence in Pre-College Physics Teaching Award went to **Robert Morse**, chairman of the science department at St. Albans School in Washington, DC.

John Jewett, a professor of physics at California State Polytechnic University in Pomona accepted the Excellence in Undergraduate Physics Teaching Award.

OSA Awards Land Medal

Paul Forman, **Carl Zanoni** and **Sol Laufer**, cofounders of Zygo Corp in Middlefield, Connecticut, are the recipients of the 1998 Edwin H. Land Medal, a joint award of the Optical Society of America and the Society for Imaging Science and Technology. The award announcement notes that the three of them, "working in collaboration to apply their technical expertise, insight and managerial skills, have made an invaluable contribution to the technical optics community."

American Academy Elects New Fellows

The list of 147 new fellows and 22 foreign honorary members elected to the American Academy of Arts and Sciences in May includes individuals from the physics community. They are

Eric G. Adelberger, a professor of physics at the University of Washington

Roy Adler, a research staff member at IBM's T. J. Watson Research Center

William A. Bardeen, a member of the theoretical physics staff at Fermilab

Louis E. Brus, a professor in both the chemistry and chemical engineering departments at Columbia University

Federico Capasso, the head of the quantum phenomena and device research department at Bell Laboratories, Lucent Technologies, in Murray Hill, New Jersey

Albert Castleman Jr, a professor of chemistry at Pennsylvania State University

F. Fleming Crim, the John E. Willard Professor of Chemistry at the University of Wisconsin—Madison

Robert F. Curl, a professor of physical chemistry at Rice University

Frances Dahlen, a professor of geosciences at Princeton University

Robert W. Field, a professor of chemistry at MIT

William Fulton, a professor of mathematics at the University of Chicago

John M. Hayes, a senior scientist at the Woods Hole Oceanographic Institute

Darleane Hoffman, director of the Glenn T. Seaborg Institute for Transactinium Science at Lawrence Berkeley National Laboratory

Margaret Gallard Kivelson, a professor of space physics at UCLA

The late **Robert Laudise**, adjunct chemical director at Bell Laboratories, Lucent Technologies (he died on 20 August 1998)

John C. Mather, a senior astrophysicist at NASA's Goddard Space Flight Center

Robert Nerem, a professor of mechanical engineering at Georgia Institute of Technology

Neil D. Opdyke, a professor of geology at the University of Florida

Helen R. Quinn, a senior staff scientist at the Stanford Linear Accelerator Center

Pierre Ramond, a professor of physics at the University of Florida

John Schiffer, the associate director of the physics division at Argonne National Laboratory

Edward I. Solomon, the Monroe E. Spaight Professor of Chemistry at Stanford University

Samuel Stupp, a professor in the

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