

names of its 72 new members and 18 foreign associates. The following members are physicists or work in physics-related areas:

Praveen Chaudhari, director of Brookhaven National Laboratory

Sallie W. Chisholm, professor of civil and environmental engineering and biology at MIT

Jody Deming, professor of biological oceanography at the University of Washington–Seattle

James Dieterich, senior research scientist on the US Geological Survey's earthquake hazards team in Menlo Park, California

William Dietrich, professor in the department of Earth and planetary science at the University of California, Berkeley

Yakov Eliashberg, professor of mathematics at Stanford University

John Fenn, professor of analytical chemistry at Virginia Commonwealth University in Richmond, Virginia

Lennard Fisk, professor of atmospheric, oceanic, and space sciences at the University of Michigan, Ann Arbor

Wendy Freedman, Crawford H. Greenewalt Director of the Observatories of the Carnegie Institution of Washington in Pasadena, California

Isaac M. Held, senior scientist at the National Oceanic and Atmospheric Administration's Geophysical Fluid Dynamics Laboratory in Princeton, New Jersey

Shrinivas Kulkarni, John D. and Catherine T. MacArthur Professor of Astronomy and Planetary Science at Caltech

Judith Lean, research physicist in the E. O. Hulburt Center for Space Research at the Naval Research Laboratory in Washington, DC

Henry Melosh, professor in the Lunar and Planetary Laboratory at the University of Arizona, Tucson

Sidney Nagel, Stein–Freiler Distinguished Service Professor in the department of physics at the University of Chicago and the university's James Franck and Enrico Fermi Institutes

William D. Nix, Lee Otterson Professor of Engineering at Stanford University

Helen Quinn, member of the permanent scientific staff at SLAC

Paul Schechter, professor of astrophysics at MIT

William H. Schlesinger, dean of the Nicholas School of the Environment and Earth Sciences at Duke University

Robert Silbey, dean of science and professor of chemistry at MIT

Saul Teukolsky, Hans A. Bethe

Professor of Physics and Astrophysics at Cornell University

Dale J. Van Harlingen, professor of physics at the University of Illinois at Urbana-Champaign

Eli Yablonovitch, professor of electrical engineering at UCLA.

The following foreign associates are physicists or work in physics-related areas:

Edouard Brézin, professor of theoretical physics at Ecole Normale Supérieure in Paris

Herbert Kroemer, professor of electrical engineering and of materials at the University of California, Santa Barbara

Rosine Lallement, professor and director of research at the Laboratory Service d'Aéronomie of CNRS

Ryoji Noyori, director of the Research Center for Materials Science at Nagoya University in Nagoya, Japan.

Giorgio Parisi, professor in the department of physics at the University of La Sapienza in Rome.

In Brief

David A. King, deputy director of NASA's Marshall Space Flight Center in Huntsville, Alabama, since last November, took the post of director on 15 June. He succeeds **Art Stephenson**, who was named director in September 1998. Stephenson plans to continue at NASA as a special assistant to the associate administrator for education.

The Association of Korean Physicists in America presented its 2003 Outstanding Young Researcher Award to **Hwang Lee** at AKPA's general meeting in Austin, Texas, this past March. Lee, research scientist at the senior level at the NASA Jet Propulsion Laboratory in Pasadena, California, was acknowledged for his "outstanding contributions in the field of nonlinear and linear optics."

This month at the triennial International Congress on Mathematical Physics in Lisbon, Portugal, three

individuals are each receiving the Henri Poincaré Prize. They are **Huzihiro Araki**, who retired in 1996 as the director of Kyoto University's Research Institute for Mathematical Sciences; **Elliott H. Lieb**, Eugene Higgins Professor of Physics and professor of mathematics at Princeton University; and **Oded Schramm**, senior researcher with Microsoft Corp in Redmond, Washington. The award, given by the International Association of Mathematics, recognizes outstanding contributions in mathematical physics and those that lay the ground for novel developments in the field.

On 11 July, **Brian J. Boyle** will join the Australia Telescope National Facility, a division of the Commonwealth Scientific and Industrial Research Organisation, as its new director. For the past seven years, he has directed the Anglo-Australian Observatory in Epping, New South Wales. He succeeds **Ronald D. Ekers**, who became the ATNF's first director in 1988, and **Raymond P. Norris**, who has been the acting director for much of the past two years. Ekers plans to pursue research as an Australian Federation fellow and, beginning next month, will be president of the International Astronomical Union. Norris will serve as the ATNF's deputy director and will be directing the astronomy part of the Australian government's Major National Research Facilities program.

Marlan O. Scully received the 2003 Quantum Electronics Award at the 23rd Conference on Lasers and Electro-Optics and the 11th Quantum Electronics and Laser Science Conference last month in Baltimore, Maryland. The Lasers and Electro-Optics Society of the Institute of Electrical and Electronics Engineers cited Scully, professor of physics and electrical engineering at Texas A&M University and a professor of chemistry at Princeton University, for his "field-opening contributions to the foundation of laser physics." Scully also received a \$4000 honorarium.

Obituaries

Burton David Fried

Burton David Fried, emeritus professor of physics at UCLA, died in Palm Desert, California, on 12 October 2002 after complications from surgery. He was warmly known as "Burt" to the broad international community

of plasma scientists and fusion researchers in which, for three decades, he played a leading role as a creative scientist and spokesman.

Burt was born in Chicago, Illinois, on 14 December 1925. He enlisted in the US Navy during World War II and was trained as a radio technician; his