

number of current members stands at 1733, and the foreign associates number 301. The recently elected members include:

Donald E. Brownlee, professor of astronomy at the University of Washington, Seattle

Federico Capasso, head of the quantum phenomena and device research department at AT&T Bell Laboratories, Murray Hill, New Jersey

David Chandler, professor of chemistry at the University of California, Berkeley

Adam M. Dziewonski, professor of Earth and planetary sciences at Harvard University

Howard Georgi, professor of physics at Harvard

Stephen R. Leone, acting chief of the quantum physics division of the National Institute of Standards and Technology in Boulder, Colorado, and fellow of the Joint Institute for Laboratory Astrophysics at the University of Colorado, Boulder

Gerald D. Mahan, Distinguished Professor and Scientist in the department of physics and astronomy at the University of Tennessee, Knoxville

Charles S. Parmenter, Distinguished Professor of Chemistry at Indiana University, in Bloomington

Charles S. Peskin, professor of mathematics at the Courant Institute of Mathematical Sciences of New York University, in New York City

Anthony C. S. Readhead, professor of astronomy at Caltech

Yuan-Ron Shen, professor of physics at the University of California, Berkeley

John Suppe, professor of geology at Princeton University

David J. Thouless, professor of physics at the University of Washington, Seattle

Watt W. Webb, professor in the school of applied and engineering physics at Cornell University

Carl E. Wieman, fellow of the Joint Institute for Laboratory Astrophysics at the University of Colorado, Boulder

Bruce D. Winstein, professor of physics at the Enrico Fermi Institute of the University of Chicago

Mary Lou Zoback, research geophysicist with the US Geological Survey in Menlo Park, California

Among the newly elected foreign fellows are:

Michael V. Berry, Royal Society Research Professor at Bristol University, in England

Vitalii Goldanskii, director of the Semenov Institute of Chemical Physics, in Moscow, Russia

Robert Huber, scientific member and head of department, Max-Planck-

Institut für Biochemie, Munich, Germany

Holger W. Jannasch, senior scientist at the Woods Hole Oceanographic Institution, in Woods Hole, Massachusetts

Leonid V. Keldysh, head of the quantum radiophysics department at Moscow State University and academician-secretary of the general physics and astronomy division of the Russian Academy of Sciences

Xavier T. Le Pichon, professor and director of the geology laboratory of the Ecole Normale Supérieure, Paris, France

IN BRIEF

The 1995 winners of the biennial Edward Teller Medal, given at the 12th International Conference on Laser Interaction and Related Plasma Phenomena, are **E. Michael Campbell**, associate director of laser programs at the Lawrence Livermore National Laboratory; **Robert L. McCrory**, director of the Laboratory for Laser Energetics at the University of Rochester, New York; **Gennady A. Kirillov**, deputy director of the Federal Russian Nuclear Research Institute of Experimental Physics; and **George H. Miley**, director of the Fusion Studies Laboratory at the University of Illinois, Urbana-Champaign.

The American Chemical Society has presented its 1995 Award in Theoretical Chemistry to **Bruce J. Berne**,

professor of chemistry at Columbia University. The society recognized him for his "major contributions to the theory of chemical reaction rates, solvation processes and dynamic light scattering, and to the development of path-integral techniques and new Monte Carlo and molecular dynamics simulation techniques for condensed matter chemistry."

MIT's Plasma Fusion Center has named a new director: **Miklos Porkolab**. Porkolab is in MIT's physics department and had been the center's associate director since 1991. The former director of the PFC, **Ronald R. Parker**, has been on leave from MIT since 1992 to serve as the deputy director of the International Thermonuclear Experimental Reactor and head of the project's center in Garching, Germany (one of three ITER centers).

US Geological Survey Director Gordon Eaton has named **P. Patrick Leahy** chief geologist and chief of the geologic division of the USGS. Leahy assumed his duties in April and will serve in an acting capacity until formally approved by the US Department of the Interior. Leahy has been responsible for USGS's National Water-Quality Assessment Program since 1991.

On 1 April **Pierre Hohenberg** became deputy provost for physical sciences and engineering at Yale University. He had been at AT&T Bell Labs in Murray Hill, New Jersey.

OBITUARIES

Walter S. McAfee

Walter S. McAfee, a distinguished US government scientist, died at his home in South Belmar, New Jersey, on 18 February after a long illness.

McAfee was born in Ore City, Texas, on 2 September 1914. He earned his undergraduate degree in mathematics at Wiley College, in Marshall, Texas, in 1934. After receiving his MS degree in physics at Ohio State University in 1937, McAfee taught science and mathematics in the Columbus, Ohio, secondary school system.

During World War II McAfee joined the US Army Signal Corps Engineering Laboratories in Belmar, New Jersey, as a mathematical physicist. His achievements there in the field of electromagnetism and radar were widely recognized. He was a member of the Project Diana team



WALTER S. MCAFEE