

Newly elected foreign members of the National Academy include

Edward Irving, an emeritus scientist at the Pacific Geoscience Centre of the Geological Survey of Canada in Sidney, British Columbia

Olli V. Lounasmaa, a professor of physics at the Helsinki University of Technology in Espoo, Finland

Roger Penrose, the Rouse Ball Professor of Mathematics at University of Oxford in the UK

Yasuo Tanaka, a senior scientist at the Max Planck Institute for Extraterrestrial Physics in Garching, Germany.

IN BRIEF

At a conference in Boston in April, **Peter Clarke** received the Nathaniel H. Sugerman Memorial Award from the Society of Vacuum Coaters. Clarke is the founder and president of Sputtered Films, Inc, in Santa Barbara, California.

In June, **Jacqueline Krim**, formerly a professor of physics at Northeastern University, joined the physics faculty at North Carolina State University.

Beating out other journals of science as well as those of medicine, the humanities and the arts, *Geophysical Research Letters* has won the award for the best single issue of a journal in 1997. The award, given annually by the professional and scholarly publishing division of the Association of American Publishers, honored the 15 November 1997 issue, which featured groups of papers on three subjects: record low levels of ozone in the Arctic, Indian Ocean circulation and the corona's in-

fluence on solar wind acceleration. GRL is published by the American Geophysical Union.

In a ceremony on 27 June, **Rolf Landauer** received the 1998 Edison Medal from the Institute of Electrical and Electronics Engineers (IEEE) for "his pioneering contributions to the physics of computing and conduction." Landauer is an IBM fellow at IBM's T. J. Watson Research Center in Yorktown Heights, New York.

IEEE's Engineering in Medicine and Biology Society has given a Career Achievement Award to **J. Lawrence Katz**, a professor of biomedical engineering at Case Western Reserve University. Katz was recognized for his use of ultrasonic wave propagation and scanning acoustic microscopy to study the relationship between the structure and properties of bone and teeth, with a view to developing biomaterial replacements.

Columbia University has added two Bell Laboratories researchers to the ranks of its faculty. **Aron Pinczuk** and **Horst Stormer** are now professors in the departments of physics and of applied physics, although they both remain affiliated with Bell Labs.

Donald Lynden-Bell has garnered the 1998 Catherine Wolf Bruce Medal, given by the Astronomical Society of the Pacific. The society is honoring Lynden-Bell, a professor of astrophysics at the University of Cambridge in the UK, for his lifetime contributions to astronomy. The citation notes that his contributions are exceptional in their scope, ranging from mathematical physics through observational astronomy.

OBITUARIES

David Norman Schramm

On 19 December 1997, David Norman Schramm was killed when the twin-engine plane he was piloting crashed near Byers, Colorado. Schramm had been a faculty member at the University of Chicago since 1974 and, at the time of his death, was the Louis Block Distinguished Service Professor in the Physical Sciences and the university's vice president for research. One of the foremost cosmologists and most influential astrophysicists of his generation, Schramm was a statesman of science and a vocal advocate for the importance of basic research.

Schramm was born in St. Louis, Missouri, on 25 October 1945. His

physics career began at MIT, where he received his SB in 1967 (and also was a national collegiate heavyweight champion in Graeco-Roman wrestling). He went next to Caltech, where the breadth of his interests and his exceptionally vigorous scientific energy led to his being supervised by two physicists of great stature—Jerry Wasserburg and the late Willy Fowler. At a memorial session held for Schramm at the January 1998 meeting of the American Astronomical Society, Wasserburg recalled graduate student Schramm arriving at his home one evening with a large box filled with computer output and announcing that they would write a paper that evening. Schramm earned his PhD in physics in 1971.

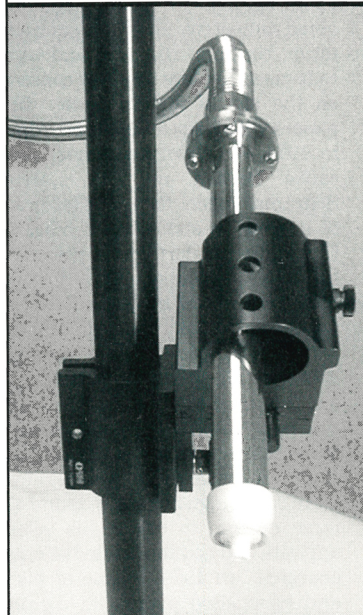
While at Caltech, Schramm's research focused on nuclear astrophysics.

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