

## **Dr Stanford S. Penner receives 1981 International Columbus Prize**

**October 9, 1981**

Dr. Stanford S. Penner, professor of engineering physics and director of the Energy Center at the University of California, San Diego, has been named to receive the 1981 International Columbus Prize for significant advances in space exploration.

The prize, awarded by the International Institute for Communications Research in Genoa, Italy, is being given to Penner in recognition of his "pioneering contributions to the development of rocketry and space travel." The International Columbus Prize consists of a certificate, a medal and an honorarium. It will be awarded in Genoa during an annual October science fair emphasizing communications and space exploration in the tradition of Christopher Columbus.

Prior to coming to UC San Diego in 1964, Penner served as professor of jet propulsion at the California Institute of Technology. His fundamental studies on burning mechanism of solid and liquid propellents played a key role in the construction of large rocket boosters of the type that carried U.S. astronauts to the moon.

During September, Penner coordinated a detailed evaluation of international programs dealing with earth observations from space at the 1981 Congress of the International Astronautical Federation in Rome, Italy.

He is a member of the Engineering Sciences Section of the International Academy of Astronautics, a Fellow of the American Academy of Arts and Sciences and a member of the National Academy of Engineering. He is also a Fellow of the American Institute of Aeronautics and Astronautics, the American Physical Society, the Optical Society of America, the American Institute of Chemists, and the New York Academy of Sciences.

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