

## Robert Rosner, Ph.D. *Director, Argonne National Laboratory* *President, UChicago Argonne, LLC*

Robert Rosner, an internationally recognized astrophysicist, is President of UChicago Argonne, LLC, and has been Director of Argonne National Laboratory since April 2005.

As Argonne Director, Rosner has established a clear vision for Argonne's future linked to customer needs and expectations, created a project-management culture across Argonne, clarified the laboratory's roles and missions, and improved interfaces between Argonne and The University of Chicago, research universities, and other stakeholders.

Prior to his appointment as Director, he served as Argonne's Chief Scientist from 2002 to 2005. He was chairman of astronomy and astrophysics at The University of Chicago from 1991 to 1997, and since 1998 has been the university's William E. Wrather Distinguished Service Professor. He was the Rothschild Visiting Professor at the Newton Institute for Mathematical Sciences at Cambridge University in 2004. He was elected to the American Academy of Arts and Sciences in 2001, and is a Fellow of the American Physical Society. He holds a Ph.D. in physics from Harvard University (1976) and bachelor's degree in physics from Brandeis University (1969).

Most of Rosner's scientific work has been related to astrophysical fluid dynamics and plasma physics problems. Much of his current work involves developing new numerical simulation tools for modeling astrophysical phenomena, as well as validating these simulations using terrestrial laboratory experiments. He led the Center for Astrophysical Thermonuclear Flashes at Chicago from 1997 until 2002.

Rosner serves on several scientific advisory committees in the United States and abroad. An opinion leader on several subjects, including energy research and development, accelerator science, computational science, and nanotechnology, his interviews have



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appeared on CBS, National Public Radio and E&E News, and he has been featured in Inside Energy and Energy Daily, and locally in Crain's Business Journal, the Chicago Tribune and the Sun-Times.

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