

U.S. Department of Energy  
National Energy Technology Laboratory  
Office of Public Affairs  
P.O. Box 10940  
Pittsburgh, PA 15236-0940



U.S. Department of Energy  
National Energy Technology Laboratory  
Office of Public Affairs  
P.O. Box 880  
Morgantown, WV 26507-0880

## NETL REPORTS:

News Media Contact:  
Joe Culver, 304/285-4822 or 304/282-7381

For Immediate Release  
August 15, 2008



Dr. Christopher Matranga of the Chemistry and Surface Science Division of the Office of Research and Development with the National Energy Technology Laboratory (NETL) has written a chapter in the recently published *Chemistry of Carbon Nanotubes*. The chapter, "Gas Interactions with Carbon Nanotubes," appears in the three-volume set published by American Scientific Publishers.

One of more than 90 leading experts in nanotechnology from 20 countries, who were chosen to contribute to this collection, Dr. Matranga contributed this chapter to the 39-chapter collection of the most up-to-date nanotechnology research occurring today. The chapter focuses on the chemistry of carbon nanotubes and their use for separating gases like carbon dioxide and hydrogen. At NETL, Matranga develops and applies nanotechnology to fossil energy systems, improving syngas conversion catalysts and carbon dioxide separation membranes.

The book is unique in that it is one of few currently in print that focuses specifically on the chemistry aspect of nanotubes. *Chemistry of Carbon Nanotubes* is available from the publisher or from retail sources.

NETL is one of the U.S. Department of Energy's national laboratories. Its mission is to advance the national, economic, and energy security of the United States. NETL has implemented a range of research and development programs with regard to energy and the environment that promise great advances in this field. The benefits of this research enable domestic coal, natural gas, and oil to economically power our nation's homes, industries, businesses, and transportation while protecting our environment and enhancing our energy independence. Through its research and development efforts via partnerships, cooperative agreements, financial assistance, and contracts with universities and the private sector along with research done onsite, NETL focuses on creating commercially feasible solutions to national energy and environmental problems.