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## **NETL REPORTS:**

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The National Energy Technology Laboratory has announced that Stephen E. Zitney and Terry Jordan will receive the 2010 Federal Laboratory Consortium (FLC) Excellence in Technology Transfer Award. Their award is for work on the Virtual Engineering - Process Simulator Interface (VE-PSI) and will be presented at a ceremony on Thursday, April 29, 2010 at the FLC National Meeting in Albuquerque, New Mexico.



VE-PSI is new, innovative software technology that provides engineers with a tool to design and optimize energy plants within a virtual engineering environment. Engineering data from process simulation, computational fluid dynamics, and computer-aided design can be seamlessly integrated and easily analyzed within an immersive, interactive, three-dimensional, plant walk-through virtual environment. The capability enables quick, efficient, and inexpensive creation of virtual prototypes for new plant designs, thereby reducing the time and materials expended on pilot- and demonstration-scale plants.

The Award for Excellence in Technology Transfer is presented annually by the FLC, recognizing outstanding work by laboratory employees in transferring a technology developed by a federal laboratory to the commercial marketplace. A distinguished panel of technology transfer experts from industry, state and local government, academia, and the federal laboratory system evaluated the nominations.

NETL is one of the U.S. Department of Energy's national laboratories. NETL – "the ENERGY lab" – focuses on America's economic prosperity, which requires secure, reliable energy supplies at sustainable prices. Three overarching issues characterize the energy situation in the United States. They are energy affordability, supply security, and environmental quality. The Department of Energy's only government-owned, government-operated national lab, NETL is a research and technology center where these energy challenges converge and energy solutions emerge. NETL implements a broad spectrum of energy and environmental research and development programs through its own research staff and through funded research at other labs, universities, and industry that will return benefits for generations to come.