3-Day Science Teacher Workshop

Mr. Brent Dixon
"The Global Nuclear Energy Partnership Initiative (GNEP)"

Friday July 21, 2006 at 6:30 PM
VCU School of Engineering, 601 W. Main St., Richmond, VA 23220
Directions

Download Mr. Dixon's Presentation [0.5 MB]

Brent Dixon has been employed at the Idaho National Laboratory (INL) for 26 years on activities ranging from stress analysis to artificial intelligence research, to technology roadmapping. His early work in the nuclear area included analyses of high level waste storage systems, support to the NRC in the area of risk-based oversight and research on faster than real time simulations of developing incidents to determine possible outcomes of mitigation actions. After spending several years on military projects, he returned to Department of Energy work supporting the DOE Office of Environmental Management as the technical lead for science and technology roadmapping methodology development and the systems analysis lead for the National Transportation Program. In 2000, he received the President's Award from the National Association of Environmental Professionals and the INL Spirit of Excellence Award for his strategic planning efforts.

He returned to the nuclear research area in 2000 as a member of the Generation IV Nuclear Energy Systems Roadmap team. His current work includes systems analysis for the Advanced Fuel Cycle Initiative, the Generation IV Initiative, and the new Global Nuclear Energy Partnership (GNEP) Technology Demonstration Program, supporting the National Technical Director for Systems Analysis on these programs. He is the lead for the multi-lab fuel cycle analysis and integration effort and for requirements development and technical risk assessment for the GNEP Technology Demonstration effort. He also supports the INL Director of Strategic Planning on special projects associated with nuclear strategies and industry interactions. He has recently received recognition for outstanding efforts in development of the Generation IV reactors evaluation methodology, developing reports to Congress on advanced fuel cycle technologies, and coordinating the Decision-Makers' Forum on a Unified Strategy for Nuclear Energy. Mr. Dixon holds a bachelor's degree in Civil Engineering from the Massachusetts Institute of Technology.

TIMES:

- Dinner and Talk - 6:30 PM

COST: $15