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Dr. David Alman, Director of the Materials Performance Division at the Albany, Ore., site of the U. S. Department of Energy's National Energy Technology Laboratory (NETL), has been elected as a fellow of ASM International—a preeminent technical society devoted to materials science and engineering.

Alman was recognized in June 2009 for his contributions to the field of materials science and engineering where his research has been instrumental in the development and design of novel materials and surface structures for power generation and high temperature applications.

The honor will be conferred at the Convocation of Fellows to be held during the ASM Awards Dinner on Tuesday, October 27, 2009, in Pittsburgh, Pa.

Alman's present duties at NETL include providing overall technical and management leadership to the division, which is currently engaged in research on the development of refractories for gasification, alloys for advanced combustion, and advanced turbine applications.

Before assuming the duties of Division Director in 2007, Alman worked at NETL as a materials research engineer, conducting research on the performance of metallic interconnects for fuel cell applications, the oxidation and corrosion of alloys for combustion applications, the wear of materials, and the novel processing of superalloys, intermetallics, and composites materials. Alman has been awarded four U.S. patents; he has also edited two technical books and published over 40 papers in peer-reviewed scientific journals as well as over 60 publications in conference proceedings.

Dr. Alman received his B.S. in Materials Engineering from Drexel University in 1987 and his Ph.D. in Materials Engineering from Rensselaer Polytechnic Institute in 1992. He is a native of Philadelphia, Pa., and currently resides in Corvallis, Ore.

NETL is a research and technology center where national 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.