

Texas A&M Energy Club

INVITED LECTURE

Wednesday, November 14th, 2012, 7:00pm – 8:30pm, MSC 2406b

ACHIEVING AND MAXIMIZING DESIRED ENGINEERING RESULTS THROUGH BEHAVIOR MODIFICATION

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Abstract

Engineering, like any other discipline, is sometimes subject to being practiced in a vacuum. Engineers may become very focused on their projects, and thus fail to give proper (or even any) consideration to how their design choices may create economic, personal, and societal impacts. This lecture will examine how thoughtful engineering design is able to be maximized by influencing human behavior for desired results, and how such practices are tied to professional engineering ethics. Mr. Minos' graduate work on social architecture will serve as a guide for this lecture. LEED design models, lifecycle analysis, community development practices will be highlighted.

Biography

Scott Minos has worked in various positions for the United States Department of Energy (DOE) since 1986. He currently is employed as a Senior Policy and Communications Specialist for the DOE's Office of Energy Efficiency and Renewable Energy (EERE). He is responsible for developing and ensuring compliance with key communication elements promoting DOE's clean energy programs relating to alternative and renewable energy sources, energy efficiency, energy conservation, and electric transmission.

Scott received his Bachelor of Science degree in Political Science from Florida State University in 1984, his Masters in Public Policy and Political Theory from Johns Hopkins University's Institute for Policy Studies at the School for Advanced International Studies in 1988, and his Masters in Public Administration from Princeton University's Woodrow Wilson School in 1993.

Prior to his work at the DOE, Scott worked as a Press Secretary for United States Senator Paula Hawkins (R-FL, 1984-1986), as a Case Worker for a Member of the Florida House of Representatives, as well as a talk radio personality in Tallahassee and Palm Beach.

Sponsored by: The Renewable Energy and Advanced Power Electronics Research Laboratory, The Energy Club, The IEEE Student Branch Chapters of the IAS/PELS/PES Societies and the Energy Institute.