MCEN GRADUATE SEMINAR

Giving Better Technical Presentations: What We Can Learn from the Pros

Dr. Chuck Kutscher

NREL

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Abstract:

Dr. Chuck Kutscher will describe Concentrating Solar Power technology and summarize some of the latest research being done on this topic at NREL. He will also present tips on how to give an engaging presentation. Countless word bullets and complex, overloaded graphical content are a thing of the past and a sure way to confuse an audience. Chuck will draw upon the latest presentation techniques that are used by experienced public speakers featured in TED talks and described in several recent books on the subject.

Bio:

Chuck Kutscher, Ph.D., is Director of the Buildings and Thermal Systems Center at NREL. His research projects have included the design and construction of a solar cooling test laboratory, the production of NREL's solar industrial process heat design handbook, the modeling of advanced power cycles and power plant cooling systems, the development of transpired solar air collectors, and the testing of parabolic trough solar concentrators. He is a Fellow of the American Solar Energy Society (ASES) and served a two-year term as ASES Chair in 2000-2001. He was the Chair of two major conferences: the SOLAR 2006 national solar energy conference and the 2012 World Renewable Energy Forum. The latter attracted 2,000 participants from over 60 nations. Kutscher is editor of the 200-page ASES report, *Tackling Climate Change in the U.S.*, which details how energy efficiency and six renewable energy technologies can greatly reduce U.S carbon emissions by 2030. He is an adjunct professor at CU-Boulder where he has taught courses in heat transfer and “Climate Change Solutions." He is also a member and past Chair of the Mechanical Engineering Department's Industry Advisory Council.