

Prospera Business Network's TechAlliance Presents

Dr. Hashem Nehrir
Electrical & Computer Engineering Department
Montana State University

Understanding Alternative Energy Drivers, Challenges & Opportunities

Wednesday, March 9
11:45 - 1:30 pm
MMEC, 2310 University Way, Bozeman

What you will learn

Dr. Hashem Nehrir will cover human ecology, need for energy, energy sustainability and need for alternative energy, both within the U.S. and across the globe. Various renewable/alternative energy power generation sources will be presented, and the drivers, pros and cons, and challenges and opportunities in producing energy from alternative sources will be discussed.

Additionally, Dr. Nehrir will make suggestions as to the role of renewable/alternative power in the future smart power grid, and ways to make the grid more secure and manageable. Finally, some possible alternative power generation sources for business/commercial applications will be discussed.

About the Speaker

Dr. Nehrir is a Professor of Electrical & Computer Engineering at MSU, where he has been since 1987. His research at MSU has been focused on renewable/alternative energy power generation system modeling and control, and load and generation management applied to smart grid. He is the current vice chair of the Renewable Energy Technologies Subcommittee of the Institute of Electrical & Electronics Engineers (IEEE) Power & Energy Society, a Fellow of IEEE and 2010 recipient of the MSU Faculty Award for Meritorious Research. He is the author of the book, *Modeling and Control of Fuel Cells: Distributed Generation Applications*

Cost
\$15 for Prospera members
\$25 for non-members

Registration required by Monday, March 7

To register email Maria Kappes at mkappes@prosperabusinessnetwork.org

Cancelations are required two business days prior to the event.
No-shows will be charged for missed reservations. Dates and topics are subject to change.