

FALL 2013 CLEAN ENERGY

Energy Exchange is a seminar series hosted by the EMS Energy Institute as part of its outreach mission. The seminars focus on highly relevant energy topics especially in the area of fossil fuels. Energy topics discussed include new innovations in carbon dioxide utilization, clean coal, petroleum and natural gas, fuel cells, and more. Speakers include Penn State faculty as well as government and industry professionals.

The seminars are held every other Wednesday in C213 Coal Utilization Laboratory from 10 am to 11 am. Please join us a half hour before the lecture for refreshments. Seminars are open to everyone.

For more information about individual presentations and speakers, visit our website, www.energy.psu.edu/energyoutreach/energyXchange.

Organizing Committee

Bruce Miller
Associate Director, EMS Energy Institute

Shea Winton
Communications Specialist, EMS Energy Institute

David Johnson
Research Assistant, EMS Energy Institute

James Freihaut
Professor, College of Engineering

Robert Santoro
Emeritus Professor, College of Engineering

Daniel Ciolkosz
Senior Extension Associate, College of Agriculture

This seminar series is co-sponsored by:



Wednesdays 10 - 11 am • Refreshments 9:30 - 10:00 am
C213 Coal Utilization Laboratory • EMS Energy Institute

- September 4 Tom Richard**
Director, Penn State Institutes of Energy and the Environment
Diet, Land Use, and the Biofuel Nexus
- September 18 Rob Cooper/Paul Moser/Steve Maruszewski**
Office of Physical Plant
PSU's Decision to Switch from Coal to Natural Gas
- October 9 Michael Hodges**
Chief Financial Officer, Rex Energy Corporation
The Implications of Oil and Natural Gas Commodity Price Volatility for Producers in the Energy Industry
- October 23 Jonathan Mathews**
Associate Professor, Energy and Mineral Engineering
Advancing the Creation and Use of Large-Scale Coal and Coal-Char Atomistic Representations
- November 6 Nitin Kolhapure**
DuPont
An overview of DuPont's cellulosic ethanol activities
- November 20 Larry Bool**
Senior Development Associate, Praxair Inc.
An overview of Praxair's oxy-fuel combustion research and development
- December 4 Daniel A. Wilson**
Vice President, Wilson Engineering Services, PC
Biomass Combined Heat and Power – Design, Project Development, and Policy

