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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 at the EMS Energy Institute from 10 am to 11 am. Please join us a half hour before the lecture for refreshments. Seminars are open to everyone.

Spring 2015 Clean Energy Seminars

Under Pressure and in Hot Water - Liquid Fuels from Algae ^[1]

Phillip E. Savage

Penn State Chemical Engineering Department Head

Walter L. Robb Family Chair

Wednesday, January 21, 2015

Energy and Steel: A Life Cycle Assessment Perspective ^[2]

Brandie M. Sebastian, LCACP
Manager, Life Cycle Assessment
Steel Recycling Institute (a unit of American Iron and Steel Institute)
Wednesday, February 18, 2015

Lessons from the First Quadrennial Energy Review Important Trends, Challenges and Recommendations ^[3]

William F. Hederman
Senior Adviser to the Secretary
U.S. Department of Energy
Wednesday, March 4, 2015

EPA Green House Gas Regulations for Heavy-Duty Vehicles

^[4]
Samuel McLaughlin P.E., PMP
External Research Manager
Volvo Group, Advanced Technology & Research
Wednesday, March 18, 2015

Prospects for Gas-Fracturing in Unconventional Reservoirs

^[5]
Derek Elsworth
Professor, Energy & Mineral Engineering
Wednesday, April 1, 2015

Advances in Conversion of Coal and Biomass to Jet Fuel ^[6]

Satya Chauhan
Senior Program Director, Battelle
Wednesday, April 8, 2015

Computational Modeling of Coupled Multiphase Flow and Geomechanics to Study Fault Slip and Induced Seismicity ^[7]

Ruben Juanes
Massachusetts Institute of Technology
Wednesday, April 15, 2015

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Source URL: <http://www.energy.psu.edu/energyoutreach/energyXchange>

Links:

- [1] <http://www.energy.psu.edu/energyoutreach/energyXchange/012115.html>
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