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Lueking and co-workers resolve ?hydrogen spillover? controversy in recent Nano Letters paper ^[1]

Thursday, December 20, 2012

Angela Lueking, associate professor, Energy and Mineral Engineering and Chemical Engineering, recently published *Evidence for Ambient-Temperature Reversible Catalytic Hydrogenation in Pt-doped Carbons*, in *NanoLetters*, a high profile journal that reports on research in the fields of nanoscience and nanotechnology. The results of the study resolve a long-standing controversy in the literature on using *in situ* Raman spectroscopy to confirm a weak carbon-hydrogen chemical bond can form reversibly at ambient temperatures.

EMS Energy Institute Announces Energy Seminar Series ^[2]

Tuesday, December 18, 2012

The EMS Energy Institute is hosting a new seminar series, Energy Exchange, as part of the Institute's outreach mission. The seminars focuses 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.

Earth and Mineral Sciences holds first undergraduate poster exhibition ^[3]

Thursday, December 13, 2012

-Penn State Live

Materials of fictional superheroes, medical mapping, and the Telica Volcano: all are among the variety of topics covered in the posters presented on Dec. 5 at Penn State's College of Earth and Mineral Sciences (EMS) first undergraduate poster exhibition, showcasing the variety of research and creative endeavors of its students. Twenty-six entries from all five departments

were unveiled before an enthusiastic audience in the hallway of the Deike Building. Nine EMS faculty judges critiqued the posters based on display, content and oral presentation.

ICCS&T Conference Call for Papers ^[4]

Thursday, November 29, 2012

The 2013 International Conference on Coal Science and Technology (ICCS&T) has announced it's Call for Papers. Abstracts will be accepted through February 11, 2013.

ICCS&T is held every two years in locations across the globe, including Okinawa, Japan; Nottingham, England; Cape Town, South Africa; and Oviedo, Spain. The 2013 ICCS&T will be held on the beautiful Penn State campus in State College, Pennsylvania, USA from September 30 to October 3.

Unconventional Natural Resources Consortium Holds

Inaugural Meeting ^[5]

Tuesday, November 27, 2012

The Unconventional Natural Resources Consortium (UNRC) held its first industrial meeting on November 19 at the EMS Energy Institute. Representatives from five companies, including member companies Hess and Chevron, Shell, Rex Energy, and Baker Hughes, as well as Penn State faculty and students were in attendance.

The meeting included five technical presentations, software demonstrations, and tours of several Penn State laboratories. The meeting also provided an opportunity to hear feedback from the companies and to discuss potential future projects.

Chung-Hsuan Huang Wins Award for Work with NASA ^[6]

Tuesday, November 20, 2012

-EME Department

Randy Vander Wal, professor of energy and mineral engineering and materials science and engineering, and Chung-Hsuan Huang, a doctoral student in energy and mineral engineering, were part of the NASA Alternative Aviation Fuel Experiment Team who recently received their second NASA Group Achievement Award for "outstanding achievement in establishing the impact of hydro-treated renewable jet fuels on commercial aircraft engine performance and pollutant emissions." Tasked with testing whether a biofuel made from chicken fat can be used as

a viable jet fuel alternative, the team used a NASA DC-

ICCDU XII Call for Papers ^[7]

Tuesday, November 20, 2012

The 12th International Conference on Carbon Dioxide Utilization (ICCDU) has announced its call for papers. Abstracts can be submitted online through January 31, 2013. ICCDU, which began in 1991 in Nagoya, Japan, has since been held in countries throughout Asia, Europe, and North America. The biennial conference provides a multi-disciplinary forum on recent innovations in fundamental and applied aspects of CO₂ utilization.

Gas Flooding Joint Industry Project Holds Seventh Annual Meeting ^[8]

Thursday, October 18, 2012

The Gas Flooding Joint Industry Project held its seventh annual meeting at the EMS Energy Institute from October 11-13, 2012. The meeting was organized by the EMS Energy Institute at Penn State in collaboration with the University of Texas at Austin.

EMS Energy Institute Attends Biomass Conference ^[9]

Wednesday, October 17, 2012

The PA Biomass Energy Association (PBEA) held its first conference and expo on October 2-3, 2012 in Harrisburg, PA. The EMS Energy Institute, which is a founding member of PBEA, had a display at the event highlighting the various biomass activities at the Institute. In addition, Bruce Miller, associate director of the EMS Energy Institute gave a presentation, *Characterization of Biomass Feedstocks for Combustion Applications*, related to his biomass research activities.

Vander Wal awarded promotion ^[10]

Tuesday, September 11, 2012

-EME Department

Randy Vander Wal has been promoted to the rank of Professor of Energy and Mineral Engineering and Materials Science and Engineering, effective July 1, 2012. [Read More](#) ^[11].

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