Social Media
For timely updates on energy and environmentally-related news and announcements, we invite you to follow PSIEE on Twitter or "Like Us" on Facebook.

Featured events

Clean Energy Seminars to feature DOE/NELT Deputy Director
Robert Romanosky, Deputy Director, DOE/NELT Office of Coal and Power R&D, will present "Fossil Energy Research and Development for Clean Power Production" on April 10, 2013 from 10-11:00 a.m. in C213 Coal Utilization Laboratory. The presentation will focus on the research programs at the National Energy Technology Laboratory (NETL) to develop fossil fuel based clean energy power generation systems. The current research efforts include not only improvements to the current technologies, but also the development of novel transformational technologies capable of generating power with near zero emissions. Areas of research to be discussed include gasification, combustion, turbines, fuel cells, carbon capture, carbon storage/utilization, high performance materials, and advanced sensors and control systems.

Volvo Group Day at Penn State
The Volvo Group is striving to build a strong partnership and an exchange of experiences through our academic Partner Program. As part of this commitment to academic excellence, Volvo has signed a Preferred research Partnership and Preferred Talent Partnership with Penn State university. Please join Volvo to learn more about the Volvo Group and the benefits of their partnership with Penn State. Event will be held on April 11, 2013 from noon - 2:00 p.m. in the HUB-Roberson Center, Heritage Hall.

Research Unplugged to feature Richard Alley
Evan Pugh Professor of Geosciences Richard Alley will lead a talk on causes and effects of global warming "Rising Seas, Warming Planet: Lessons from Antarctica" on April 11, 2013 from 12:15 - 1:15 p.m. in the Downsbrough Community Room of the Schlow Centre Region Library.

Full Calendar

April 8, 2013

- Plant Biology Seminars
  Christopher Staiger, Purdue University, "Turning Over Tracks: Stochastic Dynamics of Actin Filaments in Living Plant Cells"
  12:10 p.m.; 108 Wartik Laboratory

- Plant Pathology and Environmental Microbiology Seminar Series
  Jorge David Salgado, Invited graduate student presentation, Ohio State University, "Grain yield and Quality Losses in Soft Red Winter Wheat: The Combined effects of Fusarium Head Blight and Stagonospora leaf Blotch"
  3:35 p.m.; 112 Buckhout Laboratory
Ecology Seminars
Steven Allison, UC Irvine, "Predicting the function of microbial communities in response to global change"
4:00 p.m.; 112 Borland Laboratory

Penn State Yoga and Integral Living Club Event
"An Evening with Charles Eisenstein"
5:30 p.m.; 10 Sparks

April 9, 2013

Millennium Café
Yong Wang, "Dynamic Materials Programmed by Nucleic Acids"
Cem Topbasi – Motta Group, "Radiation Damage in In-Core Materials for Next Generation Fission and Fusion Nuclear Reactors"
10:00 a.m. - 11:00 a.m.; 3rd Floor MSC Café Commons (Millennium Science Complex)

Fulbright Seminar Series
Linda Mason, Fulbright to Hungary, "Literacy Instruction for the Inclusive Classroom: Supporting New Initiatives in Hungarian Education"
Noon; Global Programs Lounge (410 Boucke Building)

Mechanical Engineering Seminar Series
David Korth, NASA Johnson Space Center, "Title TBA"
4:00 p.m.; 135 Reber Building

April 10, 2013

Geosciences Seminar
Pennilyn Higgins, University of Rochester, "Flexing Your Mussels: Climate and Environmental Change Associated with the PETM"
4:00 p.m.; 22 Deike Building

2013 Undergraduate Exhibition
9:00 a.m. - 2:00 p.m.; HUB-Robeson Center

Clean Energy Seminars
Robert Romanosky, DOE NETL Strategic Center for Coal, "Fossil Energy Research and Development for Clean Power Production"
10-11:00 a.m.; C213 Coal Utilization Laboratory | View flyer

ESSC Brown Bag Series
Colin Cooke, University of Pittsburgh, "Northern peatland initiation lagged abrupt increases in deglacial atmospheric methane"
11:15 a.m. - 12:15 p.m.; 529 Walker Building

Earth and Mineral Sciences Library Film Series
The Devil’s Miner – Part 1 - The story of 14 year-old Basilio Vargas and his 12 year-old brother as they work in 16th century Bolivian silver mines (41 min)
12:15 p.m.; 105 Deike Building

April 11, 2013

Fluid Dynamics Seminar Series
David Beevers, "Optimization and Economics of Hydroturbine Operation"
9:00 a.m.; 301 Steidle Building
- **Chemical Engineering Seminar**
  
  **Jeffrey J. Tabor**, Rice University, "Engineering, characterization, and predictive control of light-switchable bacterial two-component systems"
  
  10-11:00 a.m.; 102 Chemistry Building

- **Center for Infectious Disease Dynamics**
  
  **Shelley Adamo**, Dalhousie University, "Building immune defenses on the shifting sands: effects of changes in physiological state on immune function"
  
  11:00 a.m.; W-203 Millennium Science

- **Volvo Group Day at Penn State**
  
  Noon - 2:00 p.m.; HUB-Roberson Center, Heritage Hall

- **Research Unplugged**
  
  **Richard Alley**, "Rising Seas, Warming Planet: Lessons from Antarctica"
  
  12:15 - 1:15 p.m.; Schlow Centre Region Library, Downsbrugh Community Room

- **Distinguished Lectures in Life Sciences**
  
  **Fred Gage**, Salk University, "Neural plasticity and neuronal diversity"
  
  4:00 p.m.; 100 Life Sciences (Berg Auditorium)

---

**April 12, 2013**

- **Entomology Seminar**
  
  **Tom Seeley**, "Swarm intelligence in honey bees"
  
  11:15 a.m.; 106 Forest Resources Building

- **Water Seminar Series**
  
  **Diane McKnight**, University of Colorado and Member, National Academy of Engineering, "Climate Change and Water Quality in the Rocky Mountains: Approaches for Adapting to Too Much Summer"
  
  12:15 p.m.; 217 Forest Resources Building

- **Communications and Space Sciences Laboratory, Department of Electrical Engineering**
  
  **William Murtagh**, Program Coordinator, NASA Space Weather Prediction Center, Space Weather Storms: Are We Ready for a 'Space Katrina'
  
  8 p.m.; 22 Deike Building

---

**April 15, 2013**

- **Plant Biology Seminars**
  
  **Lei Lei**, "Towards the Missing Link Between Cellulose Synthase Complexes and Cortical Microtubules"
  
  12:10 p.m.; 108 Wartik Laboratory

- **Plant Pathology and Environmental Microbiology Seminar Series**
  
  **Jim Tiedje** – Director, Center for Microbial Ecology, Michigan State University, "Mining Soil Metagenomes for Meeting"
  
  3:35 p.m.; 112 Buckhout Laboratory

- **Ecology Seminars**
  
  **Andy Sih**, UC Davis, "Three frontiers in the study of Behavioral Syndromes (aka Animal Personalities)"
  
  4:00 p.m.; 112 Borland Laboratory
We welcome your input!
In order to make this listserv useful for our subscribers, we appreciate your feedback! Please send your comments/suggestions to Patricia Craig at plc103@psu.edu. Please use “PSIEE listserv” in the subject line. If you have information that you would like us to distribute please send that as well. Thanks!

Thank you for your continued interest in the Penn State Institutes of Energy and the Environment!

Best regards,
Patricia Craig

UNSUBSCRIBE
If you do not wish to receive messages from this listserv you can unsubscribe by simply sending an e-mail to L-PSIEE-unsubscribe-request@lists.psu.edu - no subject or message text is required.

NEW SUBSCRIBERS
If you know of others that may be interested in joining this listserv, they can join by sending an e-mail to: L-PSIEE-subscribe-request@lists.psu.edu - no subject or message text is required. The system picks up the name and address from the e-mail headers.