



2008 IOF-WV Symposium

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The **IOF-WV Symposium** is back after a two-year hiatus! Energy Efficiency is more important now than ever before – so come to this one-day meeting on November 19 in Charleston and get valuable insights into:

- How energy-intensive companies are coping and surviving
- Innovations in industrial energy efficiency – from the experts
- First hand examples of how companies are saving energy and money with free energy assessments
- Views from the WV Legislature on smart and efficient use of energy
- How companies participate in large multi-year R&D projects
- Climate change legislation being discussed in the U.S. Congress - and how it could impact WV industry

The **Energy Policy Act of 2005** challenges U.S. companies to reduce their energy intensity (amount of energy used per unit of product produced) by at least 2.5% per year during the 10-year period from 2007 through 2016 - a 25% reduction over the next decade. The **U.S. DOE's Industrial Technologies Program (ITP)** is leading the charge by sponsoring industrial assessments, co-funding R&D projects, providing technical and financial assistance to companies, offering workshops and training on Best Practices software tools, and supporting implementation of advanced industrial technologies. These opportunities and programs will be discussed at the November 19 Symposium in Charleston. A complete agenda is below. **Registration information is available on the IOF-WV website or by contacting Kathleen Cullen or Angela Shock.**

Wednesday, November 19, 2008

Charleston Town Center Marriott, Charleston, WV

7:30 am	Coffee and registration	Ken Means, Professor, WVU Mechanical & Aerospace Engineering;
8:30	Welcome and IOF-WV Update	Xingbo Liu, Assistant Professor, WVU Corrosion Center;
8:45 – 9:15	Tips for Surviving as an Energy-Intensive Company in West Virginia Tim Duke, President, Steel of West Virginia, Huntington, WV	Roger Chen, Professor, WVU Civil & Environmental Engineering ; Jack Fuller, Professor, WVU Department of Management
9:15 – 10:00	Panel 1: Industrial Energy Efficiency Innovations –From the Experts Panel Chair: Jeff Herholdt, Director, WV Division of Energy Bhaskaran Gopalakrishnan (Gopala), WVU Industrial Assessment Center Ken Means, WVU Mechanical and Aerospace Engineering	11:45 Lunch 12:30 pm Luncheon Speaker The Honorable Brooks McCabe, Chair, WV Senate Economic Development Committee
10:00 – 10:15	Break	1:00 – 2:30 Panel 3: Experience with Major Energy Efficiency Projects Mark Bright, Pyrotek Metallurgicals, Pittsburgh, PA; Phil Gardner, WV Alloys, Alloy, WV; Rick Harvey, PPG, New Martinsville, WV
10:15-11:00	Panel 2: Experience with Industrial Energy Assessments Panel Chair: Larry Banta, WVU Mechanical and Aerospace Engineering Dotty Clayton, Quad Graphics, Martinsburg, WV; Richard Meek, Charleston Gazette, Charleston, WV; Bill Oliver, Chemtura, Morgantown, WV	2:30 – 2:45 Break 2:45 – 3:30 Climate Change Legislation Update and Discussion Kevin Leyden, Professor and Director, WVU Institute for Public Affairs Utility company representative
11:00-11:30	Q&A with the WVU Energy Efficiency Team: B. Gopalakrishnan, Director, WVU IAC; Ed Crowe, IOF-WV Engineering Scientist; Larry Banta, Professor, WVU Mechanical & Aerospace Engineering;	3:30 Wrap up discussion 3:45 Closing comments The Honorable John Unger, Chair, WV Senate Transportation and Infrastructure Committee 4:00 Adjourn Symposium

EVENTS

U.S. DOE Pumping Systems Assessment sponsored by Peerless Pumps and Daman Industrial Service will be held November 10, 2008 in Mars, PA. For workshop and registration information contact Jim King at Jimsis@comcast.net or (724) 526-5724.

Creating a Sustainable Energy Plan Online Seminar sponsored by the Association of Energy Engineers is taking reservations for the session starting November 17, 2008. This seminar is designed to help you develop a systematic, process-driven approach to your energy program. For more information or to register, please log on to www.aeecenter.org/realtime/sep/

IOF-WV Day at the State Capitol will be held March 9, 2009. Registration information will be forthcoming.

IOF-WV Contacts

Carl Irwin WVU NRCCE (304) 293-2867 ext. 5403 Carl.Irwin@mail.wvu.edu	Jeff Herholdt WV Division of Energy (304) 558-2234 jherholdt@wvdo.org
B. "Gopala" Gopalakrishnan WVU NRCCE & CEMR IMSE (304) 293- 2867 ext. 5530 Bhaskaran.Gopalakrishnan@mail.wvu.edu	Ed Crowe WVU NRCCE (304) 293-2867 ext. 5435 Ed.Crowe@mail.wvu.edu
Kathleen Cullen WVU NRCCE (304) 293-2867 ext. 5426 Kathleen.Cullen@mail.wvu.edu	Angela Shock WVU NRCCE (304) 293-2867 ext. 5434 Angela.Shock@mail.wvu.edu



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Co-Funding Opportunities for IOF-WV Research Teams

<i>Cppqwpegogpv</i>	<i>Due Dates</i>	<i>Funding</i>
U.S. DOE SBIR Small Business Innovation Research Program Phase I FY- 2009 http://www.science.doe.gov/sbir/	Request for Proposals: Now Open Proposals Due: November 27, 2008	Estimated Funding: \$100,000 per award
National Science Foundation Partnerships for Innovation www.nsf.gov	Request for Proposals: Now Open Letter of Intent Due: October 31, 2008 Proposals Due: December 31, 2008	Estimated funding: \$9,500,000 in total funding available \$600,000 per award
National Science Foundation Small Business Innovation Research Program Phase I Solicitation FY-2009 www.nsf.gov	Request for Proposals: Now Open Proposals Due: November 4-December 4, 2008	Estimated funding: \$100,000 per award
National Science Foundation CHE-DMR-DMS Solar Energy Initiative www.nsf.gov	Request for Proposals: Now Open Preliminary Proposals Due: December 16, 2008 Proposals Due: March 9, 2009	Estimated funding: TBD

U.S DOE Industrial Technologies Program Energy Efficiency Webcasts

WEBCAST: Introduction to Compressed Air Systems. This Webcast provides an overview of the Compressed Air Challenge (CAC) Toolkit and the AIRMaster+ software tool and how these tools can be used to target opportunities for energy savings. To register, go to <https://www1.gotomeeting.com/register/490499374>


WEBCAST: Introduction to Steam System Assessment Tool (SSAT) will be held November 4, 2008. This Webcast provides an overview of the Steam System Assessment Tool suite (SSAT) and how it can be used to target opportunities for energy savings. To register, go to <https://www1.gotomeeting.com/register/646990137>.

WEBCAST: Energy Assessments: What are the Benefits to Small & Medium Facilities? will be held November 6, 2008. This free Webcast is part of a series of Webcasts offered by ITP on Thursdays from 1:00 to 2:00 p.m. Eastern time. Learn about industrial efficiency, find out about the latest tools and technologies, and get information on Save Energy Now assessment opportunities. To register, go to <https://www1.gotomeeting.com/register/528670336>

WEBCAST: Introduction to Pumping System Assessment Tool (PSAT) will be held November 10, 2008. This Webcast provides an overview of the Pumping System Assessment Tool (PSAT) and how it can be used to target opportunities for energy savings. To register, go to <https://www1.gotomeeting.com/register/438460161>

WEBCAST: Assessing Data Center Energy Use will be held November 13, 2008. This free Webcast is part of a series of Webcasts offered by ITP on Thursdays from 1:00 to 2:00 p.m. Eastern time. Learn about industrial efficiency, find out about the latest tools and technologies, and get information on Save Energy Now assessment opportunities. To register, go to <https://www1.gotomeeting.com/register/793551770>

WEBCAST: Super Boiler Technology will be held November 20, 2008. This free Webcast is part of a series of Webcasts offered by ITP on Thursdays from 1:00 to 2:00 p.m. Eastern time. Learn about industrial efficiency, find out about the latest tools and technologies, and get information on Save Energy Now assessment opportunities. To register, go to <https://www1.gotomeeting.com/register/292824595>.

 **West Virginia University**
National Research Center for Coal & Energy
Industries of the Future- West Virginia Program
PO Box 6064
Morgantown, WV 26506-6064

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Bringing you a prosperous future where energy
is clean, abundant, reliable, and affordable