



July Planning for the November Symposium – Feedback Requested!

Summer has finally arrived! We're looking forward to July 4th and summer holidays and know you are too. With the steamy weather we have been having, it is hard to think ahead to the chilly days of November, but we are in the midst of planning the 2005 IOF-WV Symposium which will held November 8-9, 2005 at the Charleston Marriott Town Center.

How many times have you read lately that the three things we have to do to survive and thrive in the global economy are to: 1. Innovate, 2. Innovate, 3. Innovate?!

Consider, for example:

- Akron University is developing an MS degree in *Industrial Innovation* and is home to Northeast Ohio's *National Polymer Innovation Center*.
- The National Center for Manufacturing Sciences has published an *Innovation Imperative* to revitalize manufacturing competitiveness.
- *Innovation Philadelphia* was created to grow the wealth and workforce of the greater Philadelphia global Innovation economy.
- The Council on Competitiveness is promoting *Regional Innovation Centers* through its *National Innovation Initiative*.
- Professor Richard Lester, Director of the MIT Industrial Performance Center and co-author of the book entitled *Innovation – the Missing Dimension*, recommends strengthening *West Virginia's Systems for Innovation*.
- The U.S. DOE Industrial Technologies Program is looking for proposals that hold the potential for “*transformational*” (as opposed to incremental) progress and improvements in materials, sensors and controls, and other technologies for industrial energy and resource efficiency.

So, we have no choice for the theme of this year's IOF-WV Symposium – it's *Innovations for West Virginia Industry*. Technology and strategy innovations are especially relevant for West Virginia now that business climate issues such as workers compensation, tort reform, and affordability of insurance are being effectively addressed.

IOF-WV teams are renewing their efforts in support of innovations for energy-intensive manufacturing companies – recent efforts include a proposal to the National Science

Foundation to establish the *West Virginia Center for Materials Innovation Partnerships*; a proposal to the Alfred P. Sloan Foundation to hold a workshop entitled *Responses of Energy-Intensive Materials Manufacturing Firms to Changing Energy Prices*; two proposals through the WVDO to the U.S. DOE's State Energy Program – *Carbon from Wood for Anode Production*, and *Biofuels Reactor – Design Work on a Second Generation Reactor*.

Meaningful innovations start from a “collision” of compelling needs with a free flowing brainstorm of ideas and “out of the box” thinking. You know what some of the compelling needs are – and you've got ideas – so please take a few minutes and give us some of your thoughts on long-range, leapfrog types of topics we might address in November – note especially the last question!

What types of innovations are of most interest to you?

What type of innovations would be most helpful for industrial energy efficiency?

What type of innovations would be most helpful for manufacturing process improvements?

What types of innovations hold the most promise for West Virginia's future?

Would you be interested in organizing a session on a technical innovation topic?

You may respond to the above by (1) emailing Kathleen at Kathleen.Cullen@mail.wvu.edu; (2) doing an on-line response at <http://iofwv.nrcce.wvu.edu>; or (3) faxing your comments to Kathleen at (304) 293-3749.

Just like the price of natural gas, fees for the IOF-WV Symposium will increase this year. However, if you respond to this survey during the month of July we will give you a \$25 credit on your Symposium registration fee. Please include your name so we know whom to credit.

We thank you for your input and hope you have a great summer!

EVENTS

SBIR Proposal Preparation Workshop will be held July 13 at the Radisson Hotel, Morgantown, WV. For more information, please visit www.SBDCWV.org.

WV Forestry Association Annual Meeting will be held July 15 -16 at the Lakeview Golf Resort, Morgantown, WV. For further information visit wvfa.org or contact the WV Forestry Association at (304) 372-1955 or wvfa@wvadventures.net.

Incubating Innovation and Entrepreneurship: Supporting Business Incubation and Knowledge-Based Enterprise in Appalachia will be held July 17-19, 2005 at the Embassy Suites Hotel Charleston, WV. For more information visit www.wvincubation.org/welcome.

24th International Conference on Ground Control in Mining sponsored by the U.S National Institute for Occupational Safety and health (NIOSH), U.S. Mine Safety and Health Administration, West Virginia Coal Association will be held August 2-4, 2005 at the Lakeview Scanticon Resort and Conference Center, Morgantown, WV. For more information visit www.mine.cemr.wvu.edu.

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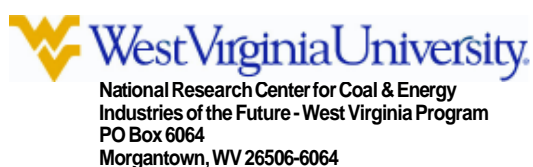
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If you prefer to receive this newsletter electronically, please email Nadine Kelly

Co-Funding Opportunities for IOF-WV Research Teams

Announcement	Due Dates	Funding
U.S. DOE EERE Materials for Energy Efficient Industrial Processing http://www.eere.energy.gov/industry/financial/solicitations_future.html	July 7, 2005 (Request for Proposals) TBD (Proposals Due)	TBD
State Technologies Advancement Collaborative (STAC) Solicitation http://www.stacenergy.org	Now Open (Request for Proposals) July 15, 2005 (Proposals Due)	\$4.95 million in total funding for energy efficiency projects \$1.53 million in total funding for rebuild America projects
U.S. DOE Co-Production Advanced Technology/Process Concepts http://e-center.doe.gov	Now Open (Request for Proposals) July 15, 2005 (Proposals Due)	\$6 million in total funding
U.S. DOE High Temperature Solid Oxide Technologies Research http://e-center.doe.gov	Now Open (Request for Proposals) July 25, 2005 (Proposals Due)	Minimum award \$400,000 Maximum award \$4,500,000 \$ 4,960,000 in total funding
Energy Efficient Building Technologies http://e-center.doe.gov	Now Open (Request for Proposals) July 28, 2005 (Proposals Due)	\$8 million
U.S DOE - EERE - Forest Products fedbizopps.gov	Now Open (Request for Proposals) August 2, 2005 (Proposals Due)	\$2 million in total funding
High Temperature, Low Relative Humidity Polymer-Type Membranes http://e-center.doe.gov	Now Open (Request for Proposals) August 4, 2005 (Proposals Due)	Approximately \$7,500,000
U.S. DOE EERE Materials for Energy Efficient Industrial Processing http://www.eere.energy.gov/industry/financial/solicitations_future.html	June 27, 2005 (Request for Proposals) TBD (Proposals Due)	TBD
Homeland Security SBIR 2005 http://www.hsarpasbir.com/	July 20, 2005 (Request for Proposals) August 22, 2005 (Proposals Due)	Phase I up to \$100,000 Phase II up to \$750,000
U.S. DOE EERE Chemicals Industry of the Future http://www.eere.energy.gov/industry/financial/solicitations_future.html	July 1, 2005 (Request for Proposals) TBD (Proposals Due)	TBD
NASA SBIR and STTR http://www.SBIR.NASA.gov/	Now Open (request for Proposals) September 7, 2005 (Proposals Due)	Phase I \$ up to \$100,000 Phase II up to \$750,000
U.S. DOE Experimental Program to Stimulate Competitive Research (DOE EPSCoR) Implementation Awards http://e-center.doe.gov	Now Open (Request for Proposals) September 21, 2005 (Proposals Due)	TBD



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West Virginia Development Office

Industrial Technologies Program
Energy Efficiency & Renewable Energy
U.S. Department of Energy