



### Welcome Back!

By Kathleen Cullen and Nadine Kelly, IOF-WV Program Coordinators

It's that wonderful time of year again – and we don't mean just the football season, the start of school, or advanced holiday shopping! It's time for the 8<sup>th</sup> Annual Industries of the Future – West Virginia Symposium! This year's event will be held Wednesday and Thursday, October 27 and 28 at the Radisson Hotel at Waterfront Place, in Morgantown, West Virginia.

The overall goal of the Symposium, as in previous years, is to provide common ground for industry, academia, government, national labs, and all to discuss key concerns and pressing needs of West Virginia companies, and to brainstorm solutions and new research ideas.

This is your opportunity to help translate these concerns and ideas into co-funded projects that will benefit West Virginia's and the nation's manufacturing and production companies.

Agenda items include:

- Project development meetings on co-funded projects in pressure sensitive adhesives, combined heat and power, galvanizing line hardware, and advanced materials for handling molten metal.
- Project development meetings to plan new initiatives in composite lumber, wood plastic composites, and a mining industry showcase.
- An overview of the far-reaching potential benefits to industry of nano and bio technologies.
- A keynote session on Energy for West Virginia Industry- Challenges and Solutions.
- Presentations on West Virginia R & D tax credits and incentives and business development opportunities with WVU.

- Facilitated luncheon discussions to define high priority R&D projects for IOF-WV teams.
- A grand prize drawing at the close of the symposium for two tickets to the WVU - Boston College football game on Saturday November 13 at Mountaineer Field (Compliments of the WVU President's Office!)

Register on-line at <http://iofww.nrcce.wvu.edu> or contact Kathleen Cullen at (304) 293-2867 ext. 5426 or [Kathleen.Cullen@mail.wvu.edu](mailto:Kathleen.Cullen@mail.wvu.edu) or Nadine Kelly at (304) 293-2867 ext. 5408 or [Nadine.Kelly@mail.wvu.edu](mailto:Nadine.Kelly@mail.wvu.edu). Also watch your mail for detailed symposium agenda and registration forms.

*Be there – let's motivate, innovate and create partnerships and projects for West Virginia's industries of the future!*

### WVU Mining project receives R & D 100 Award

We are happy to announce that the IOF mining project entitled, "In-Mine Validation of Method Determining Characteristics of Coal Seam Using Electromagnetic Transmission" has been selected as one of the top 100 R&D awards by R&D magazine. The award will be given at a black-tie dinner in Chicago on October 15. WVU Mining Engineering Professor Syd Peng is PI of the project team that also includes Stolar Research Corp., Raton, NM (developed the radio imaging method technology), CONSOL Energy, Pittsburgh, PA (provided a mine site at the Eighty-four Mine in Eighty-four, PA for demonstration of the technology), and the WVU team that conducted the underground tests, refined the software, and interpreted of computer model results for prediction of geological anomalies ahead of mining.

### Symposium sponsorship opportunities

For a tax deductible donation of \$250 your company's logo will appear on symposium materials. For a donation of \$500 your company's logo will appear on Symposium materials and will be prominently displayed at the Symposium reception. Many activities are not covered by project funds. Thank you! Please contact Kathleen Cullen for further details.

### EVENTS

**The First Step: Business start-up seminars (1) Thursday September 9 from 9:00AM until noon.** Co-sponsored by the Morgantown Area Chamber of Commerce. **(2) Thursday September 23 from 6:00-9:00PM.** Co-sponsored by Bruceton Bank and the Preston County Economic Development Authority. For more information contact Sharon ~~Stratton~~ **(304) 293-5390** or visit [www.sbdcwv.org](http://www.sbdcwv.org).

**Business Management for Loggers** will be held **September 14**, at the Brier Inn in Lewisburg, WV. For more information, contact the WV Forestry Association at 1-888-372-9663 or visit [www.wvfa.org](http://www.wvfa.org).

**Energy Roadmap Workshop on Coal Utilization Technologies** will be held **September 22**, in Morgantown, WV. For more information visit [www.wvenergyroadmapworkshops.org](http://www.wvenergyroadmapworkshops.org).

**West Virginia Manufacturer's Association Environmental Conference** will be held **September 27-28 2004** at the Embassy Suites Hotel in Charleston, WV. For more information visit [www.wvma.com](http://www.wvma.com).

**Industries of the Future-West Virginia 8th Annual Symposium** will be held **October 27-28** at the Radisson Hotel at Waterfront Place in Morgantown, West Virginia. Contact [Kathleen.Cullen@mail.wvu.edu](mailto:Kathleen.Cullen@mail.wvu.edu) for more information.

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



# Monthly Update

## Industries of the Future-West Virginia

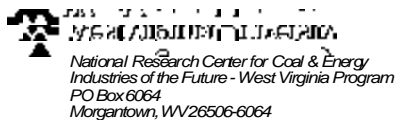
Industrial Technology Partnerships

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### Co-Funding Opportunities for IOF-WV Research Teams

Announcement	Due Dates	Funding
<b>NASA SBIR/STTR</b> <a href="http://www.sbir.nasa.gov">http://www.sbir.nasa.gov</a>	Currently open (Request for proposals) September 9, 2004 (Proposals due)	Phase I: \$100,000 Phase II: \$100,000-\$750,000
<b>DOE/NETL Microhole Technology Development II</b> <a href="http://e-center.doe.gov">http://e-center.doe.gov</a>	Currently Open (Request for proposals) October 6, 2004 (Proposals due)	\$6 million for each research area
<b>DOE/NETL Development of Technology Capabilities for Coal Energy Resources</b> <a href="http://e-center.doe.gov">http://e-center.doe.gov</a>	Currently Open (Request for proposals) October 5, 2004 (Proposals due)	Total Funding \$1 million
<b>Research in Nanoscale Science Engineering and Technology</b> <a href="http://www.epa.gov">www.epa.gov</a>	Currently Open (Requests for proposals) October 14, 2004 (Proposals due)	Total Funding: \$1,200,000 Per Project: Up to \$150,000/yr for 3 years
<b>Materials World Network: Cooperative Activity in Materials Research between U.S. Investigators and Counterparts Abroad</b> <a href="http://www.nsf.gov">www.nsf.gov</a>	Currently Open (Requests for proposals) October 14, 2004 (Proposals due)	Total Funding \$5,000,000
<b>NSF SBIR/STTR Manufacturing Innovation</b> <a href="http://www.eng.nsf.gov/sbir/MI">www.eng.nsf.gov/sbir/MI</a>	November 8, 2004 (Request for Proposals) December 8, 2004 (Proposals due)	Total Funding \$17,500,000
<b>DOE SBIR/STTR</b> <a href="http://www.science.doe.gov/sbir">www.science.doe.gov/sbir</a>	September 8, 2004 (Request for Proposals) December 13, 2004 (Proposals due)	Phase I: \$100,000 Phase II: \$100,00-\$750,000
<b>Basic Research for Hydrogen Fuel Initiative</b> <a href="http://e-center.doe.gov">http://e-center.doe.gov</a>	Currently Open (Request for Proposals) January 4, 2004 (Proposals due)	Total Funding \$12,000,000
<b>NSF Advanced Materials SBIR/STTR</b> <a href="http://www.nsf.gov">www.nsf.gov</a>	October 1, 2004 (Request for Proposals) January 18, 2004 (Proposals due)	Phase I: \$100,000 Phase II: \$100,00-\$750,000
<b>Engineering Research Centers Partnerships in Transforming Research, Education and Technology</b> <a href="http://www.nsf.gov">www.nsf.gov</a>	Currently open (Request for Proposals) November 8, 2004 (Pre-proposals due) June 16, 2005 (Proposals due)	Total Funding FY 2006 \$12,000,000



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West Virginia Development Office

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

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