

KY NASA EPSCoR - KSGC Aerospace

Breakout Session

October 3, 2008

Location: Willow Room (2:30 – 5:00 pm)

Time (pm)	Speaker	Topic
2:30	Leonidas Bachas	Monitoring & Assessment of Human Health During Space Flight Deconditioning-A
2:50	Charles Knapp	Monitoring & Assessment of Human Health During Space Flight Deconditioning-B
3:10	Jim Lump	Advancing The Kentucky Small Satellite Development Capabilities
3:30	BREAK	
4:00	Robert Cohn	Nanofabrication of Photonic Crystals, Nanotube Spin Electronics and Nano Electro-Mechanical Structures
4:20	Vladimir Dobrokhotov	Sensor Applications of Hybrid Nanowire-Nanoparticle Structures
4:40	Raymond LeBeau	Development and Application of High-End Engineering and Planetary Computational Fluid Dynamics (CFD) Models on Optimized PC Clusters

KY DOE EPSCoR Breakout Session

2008 Annual EPSCoR State-wide Meeting
Galt House, Louisville, KY

Friday, October 3, 2008

Location: Walnut Room (2:30 – 5:00 pm)

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|-------------|---|--|
| 2:30 | Welcome | Eric Grulke, Chairman
DOE EPSCoR Subcommittee |
| 2:35 | Agenda overview | |
| 2:40 | DOE's research structure
Energy challenges
Grand challenges
Lab specializations
Type of projects
Types of collaborations | |
| 3:00 | Two opportunities
EFRC
SISGR | |
| 3:15 | Energy initiatives in Kentucky
Energizing Kentucky
Strategic plan for energy and environment cabinet | |
| 3:30 | Break | |
| 3:40 | Workshop on DOE EPSCoR strategic directions
Research capabilities in the state
KY energy strengths
How to collaborate | |
| 4:40 | Summary and path forward | |

KY NSF EPSCoR Breakout Agenda

Friday, October 3, 2008

14th Annual EPSCoR Conference: Cyberinfrastructure - Connecting with the Future
Galt House - 140 North Fourth Street - Louisville, KY 40202

Location: Dogwood Room (3:00 – 4:30pm) 3rd Floor, Rivue Tower

3:00p	Welcome and RII Award Update	John Connolly
3:15p	Advanced Materials Initiative Update	Gang Cao
3:30p	Bioengineering Initiative	Marnie Saunders
3:45p	Ecological Genomics Initiative Update	Jerzy Jaromczyk
4:00p	Kentucky nanoNET Initiative Update	Kevin Walsh
4:15p	Comments, questions, open discussion	
4:30p	Adjourn	

KY DEPSCoR Breakout Session

October 3, 2008

The Galt House
Louisville, KY

Location: Holly Room (2:30 – 4:00 pm)

- 2:30 George Pack
 Chair, Statewide DEPSCoR subcommittee
 Overview of the Program
- 2:45 Dick Gilbert
 Chief Engineer
 McConnell Technology and Training Center
 Strategies for getting DoD funding
- 3:00 Hichem Frigui
 Associate Professor
 Computer Engineering and Computer Science, UofL
 DEPSCoR grantee
 Personal experience in garnering DEPSCoR funds
- 3:15 Fred Wightman
 Professor
 Psychological and Brain Sciences, UofL
 DEPSCoR grantee
 Personal experience in garnering DEPSCoR funds