Present

Alternative Fuels and Transportation Infrastructure Initiative Forum

"Developing an Adaptive Infrastructure"

Wednesday, June 4, 2008

Fiber Optics Building, Rutgers Busch Campus, Piscataway, NJ

	Agenda	***Presenters***
8:00- 8:30 am	***Registration***	
8:30-8:45	***Welcome and Introduction***	Dr. Ali Maher, Director, Rutgers CAIT
	Message from Rutgers	Vice President Philip Furmanski, Rutgers University
	What Do We Hope to Accomplish?	Dr. Monica Mazurek, Rutgers CAIT
8:45-10:00	***Planning for the Future***	
	Brazil's Transportation Systems for Biofuel Production and Transportation	Dr. Caixeta-Filho, University of Sao Paulo School of Agriculture
	Government Perspective on Energy	Lance Miller, Chief, Policy and Planning *(Invited)*
	Prioritizing Transportation Energy Needs in New Jersey	Brent Barnes, Director of Director of Statewide Planning, New Jersey Department of Transportation

10:00 -10:15	***Networking Break***	
10:15-12:00	***Current Practices and Emerging Technologies***	
	Biofuel Production from Waste Streams	Dr. Margaret Brennan, Associate Research Director, Rutgers School of Environmental & Biological Sciences
	Rutgers Biodiesel Refueling Station	Dr. Kevin Lyons, Director Rutgers University Purchasing
	Grid Optimization	Dr. Michael Muller, Rutgers Mechanical & Aerospace Engineering
	Battery Storage Research	Dr. Glenn Amatucci, Rutgers Materials Science & Engineering
	Adapting and Planning Transportation Infrastructure Systems	Dr. Clinton Andrews, Rutgers Bloustein School of Planning and Policy Development *(Invited)*
	Pipeline Infrastructure Development and Adaptation	Dr. Khashayar Aminian, Rutgers Pipeline Safety and Security Technical Assistance
12:15 – 2:30	***Working Lunch*** ***(Faculty Dining Hall)***	
	Integrating Alternative Fuels with Transportation Infrastructure	Dr. Monica Mazurek, Rutgers CAIT, Facilitator
	Discussion Topics	
	Integrating Alternative Fuels Production & Distribution Systems	
	Adapting Transportation Infrastructure: for Vehicles of the Future	
	Changing Infrastructure Impacts on Local Communities and the Region	
	Ensuring Sustainability for Energy Producing Industries	
	Summary from Group Leaders	
2:30 pm	***Next Steps and Adjournment***	

For more information contact:

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Mail or fax registration to:
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100 Brett Road • Piscataway, NJ 08854-8058
Fax: 732-445-5636, Attn: Ruth

Registration Form, Conference #1060

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First Name Last Name

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Title

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Company/Organization

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Department Name (if different than company) or Room/Suite Number

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City, State, ZIP

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Work Phone

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Work Fax

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Home Address

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Home City, State, ZIP

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Home Phone or Mobile Phone

ABOUT CAIT

Rutgers' Center for Advanced Infrastructure and Transportation (CAIT) addresses all the complex, interrelated aspects of infrastructure and transportation, specifically in high-volume, multimodal corridor environments.

We believe that within every problem exists an opportunity to advance and construct safer, more durable, and more efficient structures and systems.

New Jersey is home to the nation's third largest port system and its busiest rail line and is within just miles of four major international airports. Amidst all of this, CAIT is in a unique position to study and test solutions to critical infrastructure challenges: public safety, national security, mobility, congestion, environmental impacts, economics, infrastructure health monitoring, and asset management.

How are we meeting these challenges? Through careful study and innovative research like developing more durable pavement mixtures, renewable energy sources, high tech structural materials, and computer models that help plan and prioritize where our transportation resources are most needed or the best way to move freight through our ports. And by improving public safety, studying how to reduce vehicular crashes, training highway workers, and formulating evacuation plans and other emergency management protocols.

Our simple goal is to improve the quality of life by updating, upgrading, and optimizing the structures and systems that keep our country mobile and prosperous.

Bolstered by our government, industry, and academic partners, CAIT is helping to meet the need for the safe, efficient, economical, and environmentally sound movement of people and goods in our nation and beyond.