

## NSF I/UCRC Planning Meeting

### Goals

This is an important meeting in which NSF program managers will be present to brief the attendees about the NSF-I/UCRC program. The meeting will involve many industry leaders, program managers from different agencies, and academic leaders from participating organization. We will brainstorm about the materials joining R&D activities that will define the activities of the proposed center. Your participation is essential for the success of this center. A draft agenda is enclosed.

### Location

The Blackwell Inn, 2110 Tuttle Park Place, Columbus, Oh 43210 (travel information next page); Ph: 614-247-4077; Fax: 614-247-4040; [www.theblackwell.com](http://www.theblackwell.com); The conference will be held in room # Pfhall 140 in the conference center.

### Hotel Information

The Blackwell Inn, 2110 Tuttle Park Place, Columbus, Oh 43210 ; Ph: 614-247-4077; Fax: 614-247-4040; [www.theblackwell.com](http://www.theblackwell.com)

We have booked overnight room block in Blackwell Inn and guests are now able to call in and reserve their rooms. Please have guests call toll-free reservations line, 1-**866-247-4003**, and reference the “**Materials Joining Meeting**” room block in order to receive the discounted overnight room rate. The room rate of \$131/night (+ taxes and parking, if applicable) will apply to a room with one King or two Queen beds.

**The cutoff date for your room block will be Friday, November 13<sup>th</sup>.** Please make sure that you make their reservation by that date in order to guarantee the group rate. Any reservations made after that date will receive the discount as long as we have rooms available, Blackwell Inn just won't be able to guarantee our availability after that date.

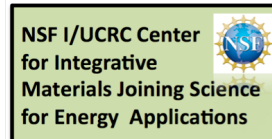
### Contact Information

Please contact Sudarsanam Babu (614-787-6071) or Stephen Liu, John DuPont, and Sindo Kou, if you need directions to reach the place or any pertinent information

### Confirmation

Please Confirm by November 01, 2009 by Email or use the following survey tool  
<http://www.doodle.com/ei3h9fryq9qbrras>





## Center for Integrative Materials Joining Science for Energy Applications – Planning Workshop (Draft Agenda)

**Day 1: December 7, 2009; Monday:**

**7:30 AM: Registration and Breakfast**

### ***Session 1. Overview and Introduction to I/UCRC Program***

Goal of the 1st session is to provide an overview of the proposed center and also energy related research activities within the Ohio State University, Colorado School of Mines, University of Wisconsin and Lehigh University.

8:00 AM Welcome remarks: Introductory Remarks on Energy Related Activities within OSU: Dr. R. Moses, Associate Dean for Research, OSU

8:10 AM: Vision and mission of the center for integrative materials joining science for energy applications– Prof. S. S. Babu, The Ohio State University (20 min presentation and 10 min Q&A)

8:40 AM: Role of Colorado School of Mines' expertise and facilities with relevance to the Energy Research and the proposed center: Prof. S. Liu, Colorado School of Mines (20 min presentation and 10 min Q&A)

9:10 AM: Role of University of Wisconsin-Madison's expertise and facilities with relevance to the Energy Research and the proposed center: Prof. S. Kou, University of Wisconsin-Madison (20 min presentation and 10 min Q&A)

9:40 AM: Role of Lehigh University's expertise and facilities with relevance to the Energy research and the proposed center: Prof. J. DuPont, Lehigh University (20 min presentation and 10 min Q&A)

10:10 AM: NSF I/UCRC Presentation: Dr. Babu Dasgupta, NSF I/UCRC Program Director (25 min presentation and 5 min Q&A)

**10:40 AM to 11:00 AM Coffee Break (provided outside the meeting room)**



## ***Session 2. Project Presentations (Part 1)***

Goal of the 2<sup>nd</sup> session is to provide some potential projects that are based on initial interview with potential member companies. Since we do not have time for all the project presentations. Only 3 projects will be presented from each participating universities. These lectures will be brief with 10-minute presentations to show case studies how the capability will meet the needs identified by the industry. After each presentation, there will be 5 minute Question and Answer Session. Industry participants will also fill up LIFE (Level of Interest and Feedback Evaluation) forms to provide feedback on the projects.

11:00 AM: Lehigh Projects (Project scope, deliverables, milestones & budget, what am I doing in next six months)

11:45 AM: OSU Projects (Project scope, deliverables, milestones & budget, what am I doing in next six months after center launches)

### **12:30 PM to 1:30 PM Lunch Provided in Ball Room of the Conference Hotel**

1:30 PM: UW Projects (Project scope, deliverables, milestones & budget, what am I doing in next six months)

2:15 PM CSM Projects (Project scope, deliverables, milestones & budget. what am I doing in next six months)

### **3:00 PM to 3:15 PM Coffee/Tea Break**

## ***Session 3. Industry Brainstorming Session (2 hrs)***

Goal of this 3<sup>rd</sup> session is to identify the research needs that were not addressed already by the project presentations. The topics will be related to materials joining science and its applications to energy industries.

3:15 PM: Facilitator will provide guidelines and rules of brainstorming session (NSF will meet with the facilitator prior to the session)

3:30 PM to 4:30 PM: Green Light Thinking Session (Industry / Member Participants only); In this session, industry participants will have a chance to identify their needs or expectations from the center. We will collect all the ideas and group them under different categories. Dr. Babu Dasgupta (NSF Program Director) will explain more at this session the purpose and the next steps.

## ***Session 4: Review of the Day and 2<sup>nd</sup> Day Planning***

4:30 PM: Summary of the day 1 and overview of day 2 activities (10 minutes)



***Evening Networking and Dinner (5:00 to 8:00 PM)***

5:00 PM Poster session and Informal discussion with students

6:00 PM Dinner and Informal Networking

***Day 2: December 8, 2009; Tuesday:***

**7:30 AM: Arrival and Breakfast**

***Session 5: Summary of Industry Needs and Approaches to Address the same***

Goal of the 5<sup>th</sup> session is to come up with possible approaches to address the needs identified by the industry through integration of capabilities within Universities and National Laboratories. Synergies between needs identified by the industry will be presented.

8:00 AM to 9:00 AM: Invited Presentation by Program managers from Department of Energy, Department of Defense, Department of Commerce, and Department of Transportation. (More details will come later); The goal is to identify how these organizations can play a role in the center activities.

9:00 Am to 11:00 AM: LIFE (Level of Interest and Feedback Evaluation) FORM review and discussion (NSF Moderated)

11:00 PM to 11:30 AM: NSF Closed Door session with industry and members

11:30 AM to 12:00 PM: Summary and Closing Remarks on Next Steps

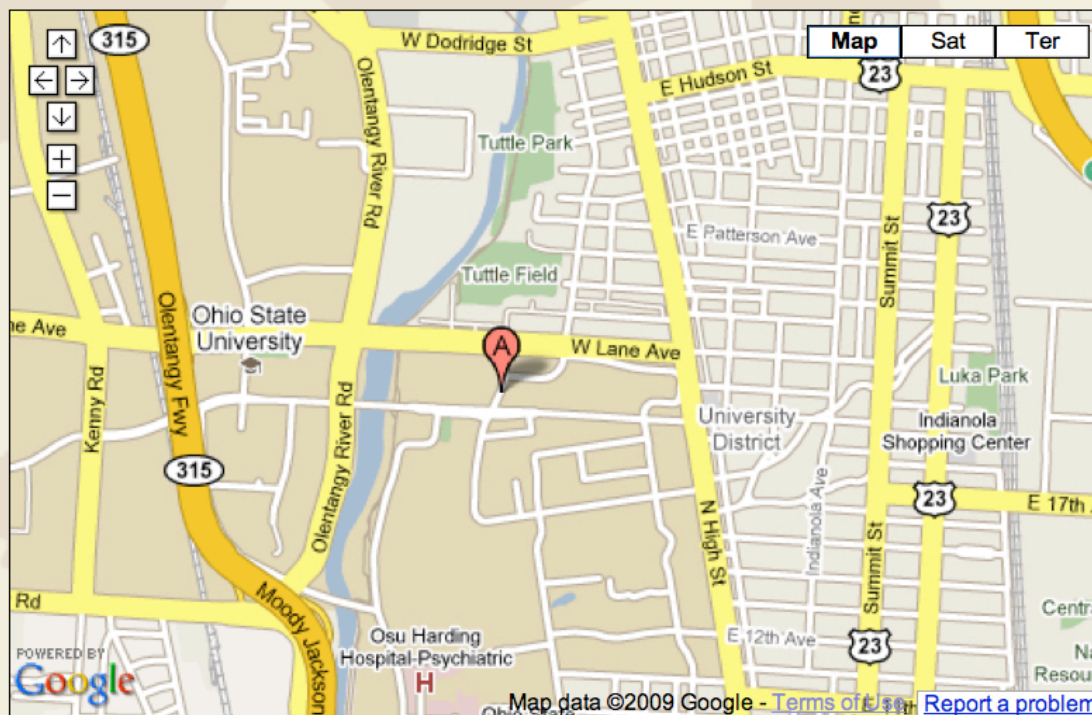
12:00 PM: Adjourn meeting

**12:00 PM: Tour of the OSU Facilities (Welding Engineering, and MSE facilities) (optional); Lunch boxes will be provided before the tour**

## Travel Information to Meeting/Hotel Location

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### Directions



#### From Port Columbus International Airport

Travel I-670 West, to the State Route 315 North interchange (6 mi.). Follow State Route 315, North, to the Lane Avenue exit. Go east (right), past Olentangy River Road, until you come to Tuttle Park Place. Turn right at the traffic light onto Tuttle Park Place and The Blackwell will be on your left. \*Three miles of State Route 315 will be under construction beginning June 15, 2009 from I-670 to the Ackerman Road exit. Interstate 270 is the bypass loop around Columbus, Ohio. It connects to interstates 70 & 71 from all directions, but only connects to State Route 315 from the North end of the city.

#### From The East

Travel I-70 West, to the State Route 315 interchange. Follow State Route 315, North, to the Lane Avenue exit. Go east (right), past Olentangy River Road, until you come

to Tuttle Park Place. Turn right at the traffic light onto Tuttle Park Place and The Blackwell will be on your left. \*Three miles of State Route 315 will be under construction beginning June 15, 2009 from I-670 to the Ackerman Road exit.

### **From The North**

Travel I-71 South, to the Interstate 270 interchange. Travel I-270, West, to the State Route 315 interchange (1.3 mi.). Follow State Route 315, South, to the Lane Avenue exit. Go east (left), past Olentangy River Road, until you come to Tuttle Park Place. Turn right at the traffic light onto Tuttle Park Place and The Blackwell will be on your left. \*Three miles of State Route 315 will be under construction beginning June 15, 2009 from I-670 to the Ackerman Road exit.

### **From The South**

Travel I-71 North, to the State Route 315 interchange. Follow State Route 315, North, to the Lane Avenue exit. Go east (right), past Olentangy River Road, until you come to Tuttle Park Place. Turn right at the traffic light onto Tuttle Park Place and The Blackwell will be on your left. \*Three miles of State Route 315 will be under construction beginning June 15, 2009 from I-670 to the Ackerman Road exit.

### **From The West**

Travel I-70 East, to the State Route 315 interchange. Take State Route 315, North, to the Lane Avenue exit. Go east (right), past Olentangy River Road, until you come to Tuttle Park Place. Turn right at the traffic light onto Tuttle Park Place and The Blackwell will be on your left. \*Three miles of State Route 315 will be under construction beginning June 15, 2009 from I-670 to the Ackerman Road exit.

