



## STRATEGIC SCIENCE SYMPOSIUM

### Final Agenda

Monday, September 13, 2010, 9-4:30PM

*This one-day Symposium will showcase what is coming around the bend from the leading R&D labs and trend-setting scientists, breakthroughs in fundamental research that will later enable new opportunities, the kinds of new tools and capabilities that are in development, and an indication of future directions the nascent industry may take.*

- 9-9:15      **Chairman's Opening Remarks**
- 9:15-10:00    **Pyrolysis Based Technologies for the Conversion of Ligno-cellulosic Biomass into Chemicals and Fuels**  
**George W. Huber**, *Armstrong Assistant Professor of Chemical Engineering*, UNIVERSITY OF MASSACHUSETTS - AMHERST
- 10:00-10:45    **Sustainable Bioenergy Production: The Sugarcane Case**  
**Glaucia Souza**, *FAPESP Bioenergy Program Coordinator*, INSTITUTO DE QUÍMICA, UNIVERSIDADE DE SÃO PAULO
- 10:45-11:15    NETWORKING BREAK**
- 11:15-12:00    **Industrial Biotechnology: Developments in Synthetic Biology**  
**Rina Singh**, *Director*, BIOTECHNOLOGY INDUSTRY ORGANIZATION
- 12:00-1:30    GROUP LUNCHEON**
- 1:30-2:15      **Bio-Based Carbon Fiber for Structural and Energy Efficiency Applications**  
**Frederick S. Baker**, *CSci, CChem, FRSC Distinguished R&D Staff*, OAK RIDGE NATIONAL LABORATORY
- 2:15-3:00      **Progress Towards an Array of Biorenewable Chemicals**  
**Peter L Keeling**, *Industrial Collaboration and Innovation Director*, CENTER FOR BIORENEWABLE CHEMICALS (CBiRC)

**3:00-3:30 NETWORKING BREAK**

**3:30-4:15 Solid-Liquid Separations in Pilot and Commercial Scale Operations**  
**Brian Cooper, *Senior Engineer*, HAZEN RESEARCH, INC.**

**4:15-4:30 Concluding remarks**