

**You're Invited to the
2009 WISE Final Presentations**

**WEDNESDAY
5 AUGUST 2009
9am - 5pm**



2103 Rayburn House Office Building, Capitol Hill



SAE *International*



AIChE



The Presentations

- 9:30am** *The Hybrid Space Program: A Commercial Strategy for NASA's Constellation Program*
Daniel Hendrickson; Florida Institute of Technology
Sponsoring Society: SAE International
- 10:00** *An Analysis of the National Renewable Electricity Standard and How It Impacts the Solar Energy Industry*
Caitlin M. Augustin; University of Miami
Sponsoring Society: ASTM International
- 10:30** *Government Applications of Robotics: A Treatise on the United States' Need to Embrace Robotics*
Stephen McGill; University of Pennsylvania
Sponsoring Society: Institute of Electrical & Electronics Engineers (IEEE)
- 11:00** *Critical Mass: Guiding Solar to Incentive Independence*
Ian Hoffbeck; Calvin College
Sponsoring Society: Institute of Electrical & Electronics Engineers (IEEE)
- 11:30** *Rural Broadband: Road to the 21st Century Economic Growth*
Milad Alemohammad; Drexel University
Sponsoring Society: Institute of Electrical & Electronics Engineers (IEEE)
- 12:00pm** **LUNCH BREAK**
- 1:00** *Implementing a United States Building Labeling Program for Energy Efficiency*
Charlie Haack; Penn State University
Sponsoring Society: American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
- 1:30** *The Regulatory Challenges of Carbon Capture and Sequestration*
Cheyenne Andrea Alabanzas; University of Alaska – Anchorage
Sponsoring Society: ASME

- 2:00** *Improving Innovation within the Department of Energy*
Joe Mullenbach; University of Minnesota
Sponsoring Society: ASME
- 2:30** *Financing New Nuclear: The Government's Role in the Nuclear Renaissance*
John Hanson; Ohio State University
Sponsoring Society: American Nuclear Society (ANS)
- 3:00** *Water Scarcity and the Nuclear Power Industry*
Daniel Kreis; Missouri University of Science & Technology
Sponsoring Society: American Nuclear Society (ANS)
- 3:30** *Policy Options for Nuclear Waste Management: A Sustainable Solution for Expanded Nuclear Energy*
Sarah Widder; University of Washington
Sponsoring Society: American Institute of Chemical Engineers (AIChE)
- 4:00** *Solar Electricity: Residential Photovoltaic Implementation via National Feed in Tariff*
Steven Timothy; Cornell University
Sponsoring Society: American Institute of Chemical Engineers (AIChE)
- 4:30** *Biofuels Policy & Regulatory Issues: Applying Green House Gas Emissions Lifecycle Analysis*
Jennifer Christensen; Texas A&M University
Sponsoring Society: American Institute of Chemical Engineers (AIChE)
- 5:00pm** PHOTO SHOOT – Interns and society representatives meet @ the Neptune Fountain, Jefferson Building, Library of Congress (for those society representatives who may not be available later in the day, we will shoot your photo during the day depending upon availability.)

******Thank you Dr. Daniel Deckler, 2009 Faculty Member in Residence******