

**Basic Energy Sciences Advisory Committee**  
**July 9-10, 2009**  
**Agenda**

Bethesda North Marriott Hotel and Conference Center  
5701 Marinelli Road  
North Bethesda, MD 20852  
Phone: 301-822-9200

	Thursday, July 9, 2009	
8:00am - 9:00am	Continental Breakfast	
9:00am - 9:15am	Welcome and Introduction	John Hemminger, BESAC Chair University of California, Irvine
9:15am - 10:00am	News from DOE Office of Science	William Brinkman Director Office of Science
10:00am - 10:45am	News from Office of Basic Energy Sciences	Harriet Kung Director Office of Basic Energy Sciences
10:45am - 11:15am	Break	
11:15am - 11:40am	Final Report on the Next Generation Photon Sources for Grand Challenges in Science and Energy	George Crabtree, Argonne National Laboratory/ John Hemminger, BESAC Chair
11:40am - 12 Noon	Energy Frontier Research Center Update	Altaf Carim Office of Basic Energy Sciences
12 Noon - 1:30pm	Lunch	
1:30pm - 2:00pm	COV for Materials Sciences and Engineering Division	Simon Bare, UOP LLC
2:00pm - 2:30pm	New Charge to BESAC	John Hemminger, BESAC Chair
2:30pm - 3:15pm	Science for a Superconductor Power Grid	Alex Malozemoff American Superconductor
3:15pm - 3:45pm	Break	
3:45pm - 4:30pm	Basic Science Issues in the Development of Photovoltaics	David Carlson BP Solar
4:30pm - 5:15pm	Materials Issues and Research Needs for Electricity Generating Light Water Reactor Sustainability – An Industrial Perspective	Mike Burke Westinghouse Electric Company
5:15pm - 5:30pm	Public Comments	
5:30 pm	Adjourn	
6:00pm	Dinner on your own	

	Friday, July 10, 2009	
8:00am – 9:00am	Continental Breakfast	
9:00am – 9:45am	ARPA-E Presentation	Shane Kosinski, DOE/ Dave Danielson, DOE
9:45am – 11:00am	Discussion of how to address BESAC charge	John Hemminger, BESAC Chair
11:00am – 11:30pm	Public Comment Session	
11:30am	Adjourn	