

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Solid State Sciences Committee

Beckman Center of the National Academies
100 Academy Way, Irvine, CA 92612-3002

Thursday, October 18, 2007

8:00 am	Carpool to Beckman Center	Meet in Hotel Lobby	
8:30 am	<i>Breakfast</i>		
	CLOSED SESSION		Tab #
9:00 am	Welcome and Plans for the Meeting	Peter Green, <i>SSSC Chair</i>	
9:15 am	Committee Balance and Composition Discussion	Don Shapero, <i>BPA</i>	2
	OPEN SESSION		
10:00 am	CMMP 2010 Final Report	Millie Dresselhaus, <i>Study Co-Chair</i>	3
11:00 am	<i>Break</i>		
11:15 am	MRSEC Review Final Report	Matt Tirrell, <i>Study Chair</i>	4
12:15 pm	<i>Lunch</i>		
1:00 pm	Reconvene	Barbara Jones, <i>SSSC Vice Chair</i>	
1:00 pm	Challenges in Oxides	Nicola Spaldin, <i>University of California, Santa Barbara</i>	5
2:00 pm	Discussion of Proposed Study: Solid State Materials for Future Information Technologies	Barbara Jones, <i>SSSC Vice Chair</i>	6
3:00 pm	<i>Break</i>		
3:15 pm	Discussion of Proposed Study: Energy	George Crabtree (<i>by videoconference</i>)	7
5:15 pm	<i>Adjourn</i>		
6:30 pm	<i>Dinner</i>		

Friday, October 19, 2007

8:00 am	Carpool to Beckman Center	Meet in Hotel Lobby	
8:30 am	<i>Breakfast</i>		
	OPEN SESSION		Tab #
9:00 am	Reconvene	Peter Green, <i>SSSC Chair</i>	
9:00 am	Future of Advanced Computation for Complex Solid State Materials	Steven White, <i>University of California, Irvine</i>	8
10:00 am	<i>Break</i>		
10:15 am	New Materials Synthesis and Crystal Growth Study	Paul Peercy, <i>Study Chair</i> , and Art Ramirez	9
11:15 am	BPA Update	Natalia Melcer, <i>BPA</i>	10
11:30 am	Committee Discussion Future studies Plans for the next meeting	All	
12:00 pm	<i>Adjourn & Lunch</i>		