

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Solid State Sciences Committee

**Keck Center of the National Academies, Room 203
500 Fifth Street, NW, Washington, D.C. 20001**

Friday, April 11, 2008

	OPEN SESSION		Tab #
9:30 am	Welcome	<i>Breakfast will be served</i>	
10:00 am	Convene Meeting, Review Agenda	Peter Green, SSSC <i>Chair</i>	
10:05 am	Science Talk on Graphene	Jeanie Lau, <i>UC Riverside</i>	2
11:05 am	BESAC Subcommittee Charge to Review Basic Research Needs Reports and Grand Challenges	George Crabtree, <i>Subcommittee Co-Chair</i>	3
12:00 pm	Working Lunch	All	
1:00 pm	Reconvene	Barbara Jones, SSSC <i>Vice Chair</i>	
1:00 pm	Perspectives from DOE/BES	Harriet Kung, <i>Director, DMSE</i>	4
1:30 pm	Perspectives from NSF/DMR	Zakya Kafafi, <i>Director, DMR</i>	5
2:00 pm	Perspectives from DOD/AFOSR	Kitt Reinhardt, <i>Program Manager, Physics & Electronics Directorate, AFOSR</i>	6
2:30 pm	Perspectives from DOD/ONR	Mihal Gross, <i>Program Officer, ONR</i>	7
3:00 pm	<i>Break</i>		
3:15 pm	Perspectives from DOD/ARO	Peter Reynolds, <i>Senior Research Scientist, Physical Sciences, ARO</i>	8
3:45 pm	New Materials For and Challenges in Lithium Ion Battery Research	Clare Grey, <i>SUNY Stonybrook</i>	9
4:45 pm	Discussion: Potential Study on Materials and Phenomena for Energy	All	11
5:45 pm	<i>Break</i>		
6:30 pm	Working Dinner	701 Pennsylvania Avenue Restaurant	
8:00 pm	<i>Adjourn</i>		

Saturday, April 12, 2008

OPEN SESSION			Tab #
8:00 am	Reconvene	Peter Green, SSSC Chair <i>(Breakfast will be served)</i>	
8:05 am	Quantum Computing	David DiVincenzo, IBM Yorktown Heights	10
9:05 am	Discussion: Potential Study on Extending the IT Revolution	All	11
10:05 am	<i>Break</i>		
CLOSED SESSION			
10:20 am	BPA Update	Natalia Melcer, BPA Staff	12
10:15 am	Review of First Day and General Discussion Future Studies Rotations Plans for the next meeting	Peter Green, SSSC Chair	12
12:00 pm	Working Lunch	All	
1:00 pm	<i>Adjourn</i>		

File Location: N:\SSSC\Meetings\2008 Meetings\April 2008\Agenda_Final.doc