

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

Saturday, April 12, 2008

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

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