

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Committee on Atomic, Molecular, and Atomic Sciences

Fall 2011 Meeting -

*The Keck Center of the National Academies
500 Fifth Street N.W.
Washington, D.C.
Room 110*

Monday, October 3, 2011

8:00 am	<i>Breakfast</i>	On site	Tab #
CLOSED SESSION			
OPEN SESSION			
10:00	Welcome – Focus Session on Nanotopics	Steve Pratt, <i>Chair</i>	
10:05	Presentation 1 – Biophotonic NanoSatellites: Toward Real-time Cellular Galaxy Exploration and Gene Regulations in Living Cells	Luke Lee, University of California at Berkeley	
11:05	Presentation 2 – Sensing the quantum motion of a nanomechanical oscillator	Konrad Lehnert, University of Colorado at Boulder/JILA	
12:05 pm	<i>Lunch</i>	On site	
1:00 pm	Reconvene	Steve Pratt, <i>Chair</i>	
1:00 pm	Presentation - Metamaterials	Vladimir Shalaev, Purdue University	
2:00 pm	Presentation 4 – Precise Assemblies, Clusters, Superatoms, and Cluster-Assembled Materials	Paul Weiss, University of California at Los Angeles	
3:00 pm	<i>Break</i>		
3:15 pm	Presentation 5 – _____	Ray Beausoleil, HP Laboratories	
4:25 pm	Discussion on Nanotopics		
5:30 pm	<i>Break</i>		
6:30 pm	<i>Dinner</i>	TBA	

Tuesday, October 4, 2011

8:00 am	<i>Breakfast</i>	On site	
CLOSED SESSION			