

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

October 10-11, 2008 Meeting

Plasma Science Committee

Keck Center of The National Academies, Room 110

500 Fifth Street, NW

Washington, DC 20001

Friday, October 10, 2008

OPEN SESSION		
1:00 pm	Welcome and plans for the meeting	Riccardo Betti, <i>Chair</i>
1:15 pm	Plasma Science at NSF/ENG	Phillip Westmoreland, NSF/ENG
1:30 pm	Discussion	
1:45 pm	Update on NIF	Chris Deeney, NNSA
2:00 pm	FY2008 and Outlook for NNSA in FY2009	Chris Deeney, NNSA
2:30 pm	Discussion	
2:45 pm	<i>Break</i>	
3:00 pm	Update on ITER and U.S. participation	Gene Nardella, DOE/OFES
3:15 pm	FY2008 and Outlook for OFES in FY2009	Gene Nardella, DOE/OFES
3:45 pm	Discussion	
4:00 pm	Plasma Science at NSF/PHY	Joseph Dehmer, NSF/PHY
4:30 pm	Discussion	
5:00 pm	<i>Break</i>	
5:45 pm	<i>Working dinner for committee and guests</i>	Oya Restaurant 799 9 th St NW Washington, DC 20001 (202) 393-1400
7:45 pm	<i>Adjourn for day</i>	

Saturday, October 11, 2008

8:00 am	<i>Gather and depart from hotel</i>	<i>Meet in lobby</i>
OPEN SESSION		
8:30 am	Reconvene and opening comments <i>Breakfast will be provided</i>	
9:00 am	Results from the low-temperature plasma workshop	Mark Kushner, Iowa State
9:30 am	Discussion	
9:45 am	Report from the FESAC Toroidal Alternates Panel	David Hill, LLNL
10:30 am	Discussion	
10:45 am	<i>Break</i>	
11:15 am	High Energy Density Laboratory Plasmas: Exciting prospects for new physics and technology	Bedros Afeyan, Polymath Research Inc.
12:00 pm	Discussion <i>Lunch will be provided at noon</i>	
1:00 pm	Magnetorotational plasma instability using electrically conducting liquids	Hantao Ji, PPPL
1:45 pm	Discussion	
2:00 pm	FESAC HEDLP Activities	Riccardo Betti, Chair
2:30 pm	Discussion	
2:45 pm	<i>Break</i>	
	CLOSED SESSION	
3:00 pm	Balance and composition discussion	Don Shapero, BPA Director
3:40 pm	Update on BPA and NRC activities	David Lang, BPA
3:50 pm	Plans for next meeting	Riccardo Betti, Chair
4:00 pm	Adjourn	