

AGENDA Panel on Light Source Facilities

NATIONAL SCIENCE FOUNDATION (NSF)

Wednesday-Thursday, January 9-10, 2008

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7:15 a.m. Pickup at the Hilton Garden Inn and LLNL Driver transport to LLNL Met by Protocol

7:30 a.m. Arrival and Badging Westgate Badge Office

> Transport to Bldg. 170 LLNL Driver

8:00 a.m. **Opening Remarks** Venky Narayanamurti

Bldg. 170, Rm. 1091

8:15 a.m. Federal Agency Perspectives Tony F. Chan – NSF

> Pedro A. Montano -DOE Jeremy M. Berg –NIH

10:00 a.m. Break

10:15 a.m. New Light Source Facilities

Upgrades to 3rd Generation Synchrotrons

- NSLS II Steven Dierker -BNL - APS J. Murray Gibson -APS

Beyond 3rd Generation 11:15 a.m.

> - Overview Samuel Krinsky -BNL

- Laser-based accelerator R&D Roger W. Falcone -UC Berkeley

needs

Kathryn L. Beers -OSTP 12:15 p.m. Working Lunch

Beyond 3rd Generation (continued) 1:30 p.m.

> - LCLS Jerome B. Hastings -SLAC

- ERL Concept Sol M. Gruner -Cornell

- XFEL Concept Joseph J. Bisognano - Wisconsin

David E. Moncton - MIT

Host:

Technology

Carrie Martin, (925) 424-4175

Rose A. O'Brien, (925) 423-6820, Cell: (925) 519-Protocol:

Cherry A. Murray, Associate Director, Science and

0959, Pager: 800-200-6472, E-mail: obrien12@llnl.gov

Clearance:

Unclassified Agenda Date: January 3, 2008



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Wednesday,	January 9, 2008 (Continued)	
3:45 p.m.	Break	
4:00 p.m.	Supporting Technologies — Optics, Detectors and Data Challenges	Gopal Shenoy -APS
4:30 p.m.	Alternative Technologies — Table-top Synchrotrons	Robert L. Byer -Stanford
5:00 p.m.	Partnerships — Chem-Mat-CARS — Magnets & Light Sources — J-Lab Activities	P. James Viccaro -U Chicago Gregory S. Boebinger –NHMFL George R. Neil -J-Lab
	Transport non-committee members to the Central Cafeteria (Bldg. 471)	LLNL Driver
6:15 p.m.	Closed session	NSF committee members only
	Transport non-committee members to the Central Cafeteria (Bldg. 471)	LLNL Driver
6:45 p.m.	Working dinner — Perspective from Europe	Central Cafeteria – Bldg. 471 Yves Petroff -ESRF
8:00 p.m.	Transport to the Hilton Garden Inn	LLNL Driver
Thursday, Ja	anuary 10, 2008	
7:30 a.m.	Pickup at the Hilton Garden Inn and transport to LLNL	LLNL Driver Met by protocol
8:00 a.m.	Opening Remarks	Venky Narayanamurti Bldg. 170, Room 1091
8:10 a.m.	Potential Users — Condensed Matter Science — Chemistry and Materials — Biological & Health Sciences	Simon Mochrie -Yale P. James Viccaro -U Chicago Dagmar Ringe- Brandeis



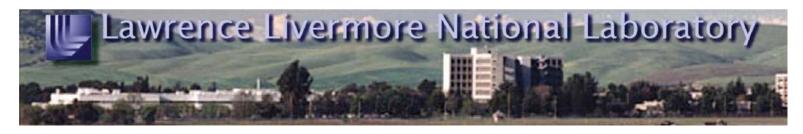
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	— AMO Physics	Phillip H. Bucksbaum -Stanford				
Thursday, January 10, 2008 (Continued) 10:30 a.m. <i>Break</i>						
10:45 a.m.	Panel Discussion – Focus on Key Issues	Narayanamurti, Murray; Agency Representatives; Science Community Representatives				
12:00 p.m.	Working Lunch: NIF as a User Facility	Edward I. Moses				
1:30 p.m.	Transport to Bldg. 581	LLNL Driver				
1:45 p.m.	National Ignition Facility (NIF) Tour*	Edward I. Moses				
2:45 p.m.	Transport non-committee members to the Hilton Garden Inn	LLNL Driver Non-committee members				
3:00 p.m.	 Next Steps What do we need to do now Identify Site Venues, Dates and Subgroups Plans For Next Meeting and Report Writing 	NSF committee members only Bldg. 581, Rm. 100				
4:00 p.m.	Wrap-up	By Invitation				
4:30 p.m.	Adjourn					
	Transport committee members to the Hilton Garden Inn	LLNL Driver				

*NIF clothing requirements:

The following clothing restrictions apply; NO sleeveless shirts, shorts, capri pants, skirts or dresses. NO footwear with open toe, open backs, sandals or high heels. Tennis shoes and loafers are acceptable.



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Committee Members

Venkatesh Narayanamurti (Chair) Harvard University

Helen Edwards Fermi National Accelerator Laboratory

Kenneth Evans-Lutterodt Brookhaven National Laboratory

Michael L. Klein University of Pennsylvania

Michael L. Knotek Consultant

W. Carl Lineberger University of Colorado at Boulder

Keith Moffat University of Chicago

Cherry A. Murray (Co-Chair) Lawrence Livermore National Laboratory

Monica Olvera de la Cruz (liaison to MPSAC) Northwestern University

Elsa Reichmanis Bell Laboratories – Lucent Technologies

Mary Jane Saunders Cleveland State University

Charles V. Shank University of California, Berkeley

Richard York Michigan State University

NSF Staff

W. Lance Haworth, Director of the Office of Integrative Activities G.X. Tessema, Division of Materials Research





