



AGENDA Panel on Light Source Facilities
NATIONAL SCIENCE FOUNDATION (NSF)

Wednesday-Thursday, January 9-10, 2008

Wednesday, January 9, 2008

7:15 a.m.	<i>Pickup at the Hilton Garden Inn and transport to LLNL</i>	LLNL Driver Met by Protocol
7:30 a.m.	<i>Arrival and Badging Transport to Bldg. 170</i>	Westgate Badge Office 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.	<i>Break</i>	
10:15 a.m.	New Light Source Facilities Upgrades to 3 rd Generation Synchrotrons - NSLS II - APS	Steven Dierker -BNL J. Murray Gibson -APS
11:15 a.m.	Beyond 3 rd Generation - Overview - Laser-based accelerator R&D needs	Samuel Krinsky -BNL Roger W. Falcone -UC Berkeley
12:15 p.m.	<i>Working Lunch</i>	Kathryn L. Beers -OSTP
1:30 p.m.	Beyond 3 rd Generation (continued) - LCLS - ERL Concept - XFEL Concept	Jerome B. Hastings -SLAC Sol M. Gruner -Cornell Joseph J. Bisognano –Wisconsin David E. Moncton – MIT

Clearance: Carrie Martin, (925) 424-4175
Unclassified Agenda Date: January 3, 2008

Host: Cherry A. Murray, Associate Director, Science and Technology
Protocol: Rose A. O'Brien, (925) 423-6820, Cell: (925) 519-0959, Pager: 800-200-6472, E-mail: obrien12@llnl.gov



Panel for Light Source Facilities (NSF)

Wednesday, January 9, 2008 (Continued)

3:45 p.m.	<i>Break</i>	
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
	<i>Transport non-committee members to the Central Cafeteria (Bldg. 471)</i>	<i>LLNL Driver</i>
6:15 p.m.	Closed session	NSF committee members only
	<i>Transport non-committee members to the Central Cafeteria (Bldg. 471)</i>	<i>LLNL Driver</i>
6:45 p.m.	Working dinner — Perspective from Europe	Central Cafeteria – Bldg. 471 Yves Petroff -ESRF
8:00 p.m.	<i>Transport to the Hilton Garden Inn</i>	LLNL Driver

Thursday, January 10, 2008

7:30 a.m.	<i>Pickup at the Hilton Garden Inn and transport to LLNL</i>	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



— AMO Physics

Phillip H. Bucksbaum -Stanford

Thursday, January 10, 2008 (Continued)

10:30 a.m. *Break*

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

