

NIF & JLF User Group Meeting

NIF

AGENDA



February 10 – 13, 2013 Lawrence Livermore National Laboratory

Sunday, February 10

05:00 p.m.	Registration Begins 11950 Dublin Canyon Road Pleasanton, California, USA 94588 USA	Pleasanton Marriott
05:00 - 08:00	Reception/Check-in	

Monday, February 11

07:30 a.m.	Continental Breakfast Registration Continues	LLNL B543 Atrium
	Opening Session Session Chair: Chris Keane, LLNL	B543 Auditorium
08:30	Welcome Chair, NIF User Group Interim Chair, JLF User Group NIF Director, LLNL NNSA DOE Office of Science	Justin Wark Carolyn Kuranz Ed Moses Kirk Levedahl Sean Finnegan
09:00	Status of the NIF and NIF Platforms	Jeff Atherton Warren Hsing
09:45	Excited State Nuclear Science on the NIF	Dennis McNabb

10:15 Break

NIF Experiments

Session Chair: Chris Keane, LLNL

10:45	MIT Experiments on the NIF – Opportunities for Ride Alongs	B543 Auditorium Rich Petrasso
11:15	Exploring Giant Planets with the NIF	Raymond Jeanloz
11:45	Radiative Shock Waves from Implosions on the NIF	Art Pak

12:15 p.m. Group Photo / Lunch B543 Atrium



Monday, February 11 – Con't

Status of Fundamental Science on NIF

Session Chair: Justin Wark, University of Oxford

B543 Auditorium

01:00	Status of the NIF Fundamental Science Program	Bob Rosner
01:30	Fundamental Science – The Path Forward	Chris Keane
02:00	Discussions – NIF Science Program	Bob Rosner Chris Keane

03:00 - 05:00	Poster Session I	B543 Atrium
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Tuesday, February 12

07:30 a.m.	Continental Breakfast Registration Continues	B543 Atrium
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08:00	Opening Remarks University of Michigan Deputy Director for S&T, LLNL	B543 Auditorium Carolyn Kuranz William Goldstein
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Jupiter Experiments I

Session Chair: Carolyn Kuranz, JLF User Group

B543 Auditorium

08:15	In-situ X-ray Diffraction Diagnostics Development on the Janus Laser	Andy Higginbotham
08:45	The Thermodynamics of Planetary Impact Events	Rich Kraus
09:15	High Spatial and Temporal Resolution Velocimetry Measurements on Janus	Ray Smith

09:45	Break	
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Jupiter Experiments II

Session Chair: Bob Cauble, LLNL

B543 Auditorium

10:15	Laser Wakefield Acceleration of Electrons at the Jupiter Laser Facility	Bradley Pollock
10:45	Effects of Target Material on Fast Electron Transport and Magnetic Collimation	Mingsheng Wei
11:15	Fielding DIXI a New X-ray Framing Camera for the NIF at JLF	Sabrina Nagel

11:45	Lunch	B543 Atrium
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 NIF

Tuesday, February 12 - cont.

JLF User Meeting

Session Chair: Carolyn Kuranz

12:45 p.m.	Status of the Jupiter Laser Facility + Overview of Past Science	B543 Auditorium Bob Cauble
01:15	Formation and Organization of the JLF User Group and Discussion of User Needs	Carolyn Kuranz

03:15 - 05:30	Poster Session II	B543 Atrium
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05:30 Adjourn to Banquet

06:00 Banquet
Wente Vineyards
Livermore

Wednesday, February 13

07:30 a.m. Continental Breakfast
Registration Continues
B543 Atrium

08:00 Opening Remarks
University of Oxford
Director for Physical & Life Sciences, LLNL
B543 Auditorium
Justin Wark
Glenn Fox

NIF Ignition and NIF/JFL Young Researcher Forum

Session Chair: Hye-Sook Park, LLNL

08:15	Status of the NIF Ignition Program	B543 Auditorium John Edwards
09:00	Outcomes/Lessons from the "Science of Ignition on the NIF Report"	William Goldstein
09:45	NIF/JFL Young Researcher Forum	Tammy Ma

10:45	Break
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NIF User Discussion

Session Chair: Justin Wark

11:00	Introduction User IT Resources, Website and Demonstration	B543 Auditorium Jeff Atherton Chris Keane Allan Casey
12:00 p.m.	Opportunities for NIF/Academic Collaborations	Chris Keane
12:30	Summary/Wrap up Discussion	Chris Keane Justin Wark

12:40	Lunch	B543 Atrium
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01:30 NIF and JLF Tours

04:00 Adjourn