

Agenda for the 12th Annual OMEGA Laser Users Workshop, 27 - 30 April 2021

(U.S. Eastern Daylight Time)

Tuesday, 27 April 2021

10:30 - 10:35	Mike Campbell,	LLE Workshop opening
10:35 - 10:50	Sarah Mangelsdorf,	UR Welcome and University of Rochester remarks
10:50 - 10:55	Workshop picture	Zoom screenshot
Session Chair: Maria Gatu-Johnson, MIT		
10:55 - 11:00	Mark Koepke, WV Univ	Workshop logistics and acknowledgements
11:00 - 11:30	Toshinori Yabuuchi, JASRI	Experimental platforms using high-power optical lasers at X-ray free-electron laser facility, SACLA
11:30 - 11:50	Peter Norreys, U. Oxford	Overview of 2020 Royal Society meeting to update the EU/UK roadmap for inertial fusion energy
11:50 - 12:30	Suzanne Ali, LLNL	Student and postdoc panel discussion and recommendations
12:30 - 13:00		Relax, Refreshment, Poster-preparation
13:00 - 15:00		Poster Session 1
Session Chair: Sean Finnegan, LANL		
15:00 - 15:20	Mingsheng Wei, LLE	Update on NLUF/LBS/LaserNetUS activities
15:20 - 15:40	Ann Satsangi, NNSA	NNSA perspective, NLUF, and Joint Program on HEDLP
15:40 - 16:00	Kramer Akli, SC-FES	SC-FES perspective
16:00 - 16:20	Slava Lukin, NSF	NSF perspective

Wednesday, 28 April 2021

Session Chair: Johan Frenje, MIT		
10:30 - 10:35	Johan Frenje, MIT	OLUG election results
10:35 - 11:35	Sam Morse, LLE	OMEGA Facility Update and Progress on OLUG Recommendations
11:35 - 12:05	Roger Falcone, UC-Berkeley	Findings from the Brightest Light Initiative workshop
12:05 - 12:20	LLE representative	Commissioned MTW-OPAL laser and proposed 2x25PW EP-OPAL laser
12:20 - 13:00		Relax, Refreshment, Poster-preparation
13:00 - 15:00		Poster Session 2
Session Chairs: Liz Merritt, LANL, and Mario Manuel, GA		
15:00 - 16:30		Discussions of Findings and Recommendations of the users

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Thursday, 29 April 2021

Session Chairs: Liz Merritt, LANL, and Mario Manuel, GA

10:30 - 12:20	Discussions of Findings and Recommendations of the users
12:20 - 13:00	Relax, Refreshment, Poster-preparation
13:00 - 15:00	Poster Session 3

Session Chair: Suzanne Ali, LLNL

15:00 - 16:30 GA/SLAC/PPPL/SLAC/LANL/LLNL Roundtable discussion on Careers in HED Science
General Atomics: Chris McGuffey
SLAC: Arianna Gleason
Sandia: Chad McCoy
PPPL: Will Fox
LANL: Paul Keiter
LLNL: Alison Saunders

Friday, 30 April 2021

Session Chair: Petros Tzeferacos, Univ Rochester

10:30 - 11:00	Sean Regan, LLE	NNSA internal 2020 review of the different ICF approaches and where we are on the road to ignition (tbc)
11:00 - 11:30	Sean Finnegan, LANL	Where's the fusion? Overcoming unexpected challenges and the road to solutions for ignition and beyond
11:30 - noon	Maria Gatu-Johnson, MIT	Exploring Stellar Nucleo-synthesis and Basic Nuclear Science using high-energy density plasmas at OMEGA and the NIF
12:00 - 12:30	Rip Collins, U. Rochester	Microphysics of ultra-dense solids common to Giant planet interiors and macrophysics of hot plasmas typical of stellar interiors (tbc)
12:30 - 13:00		Relax and Refreshment
13:00 - 15:00	Sean Finnegan, LANL Jim Knauer, LLE	Poster awards to graduate students and postdocs

Session Chairs: Liz Merritt, LANL, and Mario Manuel, GA

15:00 - 16:30	Sam Morse, LLE	LLE response to the Findings and Recommendations from the Users
16:30		Workshop adjourns

Future Dates:

2021 APS-DPP OLUG meeting, Pittsburgh: 9 November 2021, Tuesday 17:00 to 18:30 (day/time to be confirmed)

2022 OLUG Workshop: Wednesday - Friday, 27 - 29 April 2022