

# Agenda for the 13<sup>th</sup> Annual OMEGA Laser Users Workshop, 27 - 29 April 2022

(U.S. Eastern Daylight Time)

## Wednesday, 27 April 2022

7:30 – 8:30 Registration and Continental Breakfast  
8:30 – 8:40 Johan Frenje, MIT Workshop opening  
8:40 – 8:45 Mike Campbell  
8:45 – 9:00 Chris Deeney, LLE LLE Director welcome and remarks

**Session Chair:** Pia Valdivia, UCSD

9:00 – 9:30 Chris Deeney, LLE The renewal of the 5-yr LLE Cooperative Agreement  
9:30 – 10:00 Alex Zylstra, LLNL Creation of burning plasmas at the NIF  
10:00 – 10:30 Steven Ross, LLNL The National Diagnostic Planning (NDP) effort

10:30 – 10:45 Coffee break

**Session Chair:** Alison Saunders, LLNL

10:45 – 11:05 Channing Huntington, NNSA NNSA's perspective  
11:05 – 11:25 Slava Lukin, NSF NSF's perspective  
11:25 – 11:45 Beatriz Cuartas, NNSA The MSIPP program at NNSA

11:45 – 12:00 Workshop picture

12:00 – 13:45 Lunch, Omega and Omega-EP tours

13:45 – 15:45 **Poster Session 1**

15:45 – 16:00 Coffee break

16:00 – 18:00 **Poster Session 2**

**Tutorial (Pizza will be served during the tutorial)**

18:00 – 20:00 Steven Ivancic, LLE Gas Jet - MIFEDS considerations  
Jonathan Peebles, LLE MIFEDS gen 3  
Peter Heuer, LLE PlasmaPy open-source code  
Daniel Barnak, LLE Fiducia open-source code

## Thursday, 28 April 2022

7:30 – 8:30 Continental Breakfast

**Session Chair:** Louise Willingale, U. Michigan

8:30 – 8:40 Pia Valdivia, USCD OLUG election results  
8:40 – 9:20 Sam Morse, LLE OMEGA Facility Update and Progress on OLUG Recommendations  
9:20 – 9:40 Félicie Albert, LLNL Advanced x-ray sources from laser plasma acceleration  
9:40 – 10:00 Petros Tzeferacos, LLE The Flash Center for Computational Science at UR

10:00 – 12:00 **Poster Session 3** (coffee will be served at 10am, during poster session)

12:00 – 13:30 Lunch, Omega and Omega-EP tours

**Session Chair:** Suzanne Ali, LLNL

13:30 – 14:30 Student and postdoc panel discussion and recommendations

**Session Chairs:** Maria Gatu-Johnson, MIT and Sean Finnegan, LANL

14:30 – 16:00 Discussions of Findings and Recommendations of the users

16:00 – 16:15 Coffee Break

16:15 – 18:00 Discussions of Findings and Recommendations of the Users

## Friday, 29 April 2022

7:30 – 8:30 Continental Breakfast

**Session Chair:** Katerina Falk, HZDR Germany

8:30 – 9:00 Sarah Nelson, NNSA NNSA high-level overview

9:00 – 10:30 LANL/LLNL/SNL/GA/PPPL/UR Careers and Opportunities in HED Science

LANL: Paul Keiter LLNL: Alison Saunders

SNL: Chad McCoy GA: Chris McGuffey

PPPL: Will Fox UR: Ryan Rygg

10:30 – 10:45 Coffee break

**Session Chairs:** Maria Gatu-Johnson, MIT and Sean Finnegan, LANL

10:45 – 12:00 Discussion of Findings and Recommendations with LLE management

12:00 – 13:00 Lunch

**Session Chair:** James Knauer, LLE

13:00 – 13:30 Dustin Froula, LLE Fourth generation Laser for Ultra-broadband eXperiments (FLUX)

13:30 – 14:00 Sam Morse, LLE The LLE sustainment plan

14:00 – 14:30 Liz Merritt, LANL Poster awards to students/postdocs

Jim Knauer, LLE

14:30 Workshop adjourns

## Future Dates:

2022 APS-DPP OLUG meeting, Spokane, WA: 18 October 2022, Tuesday 17:00 to 18:30 (day/time to be confirmed)

2023 OLUG Workshop: Wednesday - Friday, 26 - 28 April 2023