Tuesday, April 16th

7:30 – 8:30  Registration and Continental Breakfast (U of R Advancement Center next to LLE)
*Round table discussion: DEIA + outreach breakfast session to share ideas and initiatives

8:30 – 8:35  Pia Valdivia (OLUG Chair), UCSD  Workshop opening
8:35 – 8:55  Chris Deeney, LLE  LLE Director welcome and remarks

Funding Agencies Session Chair: Carolyn Kuranz, U. Michigan (U of R Advancement Center next to LLE)
8:55 – 9:15  Marco Romo-Gonzalez, LLE  Fostering a Welcoming Environment and Creating a Culture of Inclusion at the LLE
9:15 – 9:35  Hanah Joudi, NNSA  NNSA overview and OES perspective
9:35 – 9:55  Stephanie Miller, NNSA  NNSA academic programs
9:55 – 10:15  Kramer Akli, FES  FES perspective. -Remote
10:15 – 10:35  Slava Lukin, NSF  NSF perspective
10:35 – 10:50  Coffee break

Facility Session Chair: Michelle Marshall, LLE (U of R Advancement Center next to LLE)
10:50 – 11:00  Verena Geppert-Kleinrath, LANL  Finding and Recommendations (F&R’s) from Omega users: a brief introduction
Alison Saunders, LLNL
11:00 – 11:30  Sam Morse, LLE  OMEGA Facility Update & Progress on OLUG F&R’s
11:30 – 11:50  Mingsheng Wei  Omega User Programs Updates
11:55 – 12:00  Lauren Hobbs, AWE  Networking event intro

12:00 – 12:20  Workshop picture

12:20 – 13:30  Lunch  **Networking event: interest group sign-up

Scientific Talks 1 Session Chair: Heath LeFevre, U. Michigan (U of R Advancement Center next to LLE)
13:30 – 14:00  Jon Zuegel, LLE  NSF OPAL
14:00 – 14:20  Nuno Candeias Lemos, LLNL  High-energy proton beams generated from high-intensity laser interaction with 3D printed structures. -Remote

Targets Session Chair: Pia Valdivia, UCSD (U of R Advancement Center next to LLE)
14:20 – 14:30  Claudia Shulberg, GA  Target Fab Process for NLUF Campaigns at OMEGA
14:30 – 14:40  Steve Ivancic, LLE  MIFEDS coil design and production
15:10 – 15:25  Coffee break
**F&R Session 1 Chairs:** Verena Geppert-Kleinrath, LANL and Alison Saunders, LLNL (U of R Adv. Center next to LLE)

***Quad charts should be emailed to session chairs before workshop starts***

15:25 – 17:10 Discussions of Findings and Recommendations of the users – Part 1

*** Tutorial session at the LLE (this session only) ***

**Tutorial session (at the LLE) – Pizza will be served**

17:30 – 18:30 *Turning Beams Into Dreams:*

Steve Ivancic, David Canning, with others (LLE) will discuss facility requirements and best practices for PI’s when designing and preparing their Omega and Omega EP campaigns. Participants will come away with an Operations-focused perspective on how to effectively communicate your experimental vision to the facility.

**Wednesday, April 17th**

7:30 – 8:30 Registration and Continental Breakfast (U of R Advancement Center next to LLE)

**PhD Talks 1 Session Chairs:** Francisco Suzuki-Vidal (remote), FLF and Lauren Hobbs, AWE (U of R Adv. Center)

8:30 – 8:35 Pia Valdivia, UCSD  Morning announcements
8:35 – 8:55 Landon Tafoya, U. Michigan  Ion temperature imaging in ICF through spatially-resolved nTOF
8:55 – 9:15 Kristen Churnetski, UofR/LLE  Three-Dimensional Reconstruction of Direct-Drive Hot Spots from X-Ray and Nuclear Diagnostics on OMEGA

**F&R Session 2 Chairs:** Verena Geppert-Kleinrath, LANL and Alison Saunders, LLNL (UoR Adv. Center next to LLE)

***Quad charts should be emailed to session chairs by Tuesday EOD***

9:15 – 10:30 Discussions of Findings and Recommendations of the Users – Part 2
10:30 – 10:45 Coffee break

**Workforce Development Session Chair:** Matt Hill, LLNL (U of R Advancement Center next to LLE)

10:45 – 11:00 Pia Valdivia, UCSD  OULG community survey: establishing DEIA goals
11:00 – 11:15 Terry Kessler, LLE  Supporting diversity through education programs: LLE BEST and Initiatives supported by OULG community members
11:15 – 11:35 Chandra Curry, SLAC  Supporting Student and Early Career Researchers: LaserNetUS Utilizes RENEW and Prepares for Future Programs
11:35 – 11:55 Laura Kappy, LLE  LLE Undergraduate Education Program: Building a Workforce for the Future
*** Wednesday afternoon sessions at the LLE ***

11:55 – 13:30  Lunch and Omega and Omega-EP tours (LLE building)

Young Researchers Session Chairs: Heath LeFevre and Veronica Contreras, U. Michigan (LLE building)
13:30 – 14:00  Student and postdoc panel discussion
14:00 – 14:45  Young Researchers (YR) Forum:
   Room 1: Student and postdoc attendees only – Moderator: Veronica Contreras
   Room 2: Researchers - How to better support YR’s – Moderator: Heath LeFevre
14:45 – 15:00  Coffee break

Poster Session Chairs: Michelle Marshall, LLE and Matt Hill, LLNL (LLE building)
15:00 – 18:00  Poster session

Banquet (Location TBD)
19:00 – 21:00

Thursday, April 18th

7:30 – 8:30  Continental Breakfast (U of R Advancement Center next to LLE)

PhD Talks 2 Session Chair: Louise Willingale (remote) and Veronica Contreras, U. Michigan (U of R Adv. Center)
8:30 – 8:35  Pia Valdivia, UCSD  Morning announcements
8:35 – 8:55  Jacob Pearcy, MIT  Experimental Evidence of Plasmoids in High-Beta Magnetic Reconnection
8:55 – 9:15  Ian Ocampo, Princeton  The effect of iron on phase transitions in the deep interiors of large, rocky exoplanets

Networking Event Session Chair: Lauren Hobbs, AWE (Advancement Center)
9:15 – 10:00  Breakout groups: Topics TBD from OLUG community survey
10:00 – 10:10  Coffee break

Careers and Training Opportunities in HED Science: Mingsheng, Wei, LLE (U of R Adv. Center next to LLE)
10:10 – 12:00  National labs, industry, and academia representatives
   LANL: Zaarah Mohamed and Maggie Huff
   LLNL: Patrick Poole
   SNL: Adam Harvey-Thompson
   GA: Gilbert Collins IV
   PPPL: Lan Gao
   UR: Hans Rinderknecht
12:00 – 12:10 Derek Schaeffer, UCLA       O'LUG election results

12:10 – 13:30 Lunch

Scientific Talks 2 Session Chair: Matt Hill, LLNL (U of R Advancement Center next to LLE)
13:30 – 14:00 Nick Murphy, Center for Astrophysics       The PlasmaPy Project
14:00 – 14:20 Jergus Strucka, Imperial College       Portable pulsed-power systems and their applications at high-power laser research facilities
14:20 – 14:40 Ellie Tubman, Imperial College       Imaging Plate detector stacks for proton radiography
14:40 – 14:55 Coffee break

F&R Session Chairs: Verena Geppert-Kleinrath, LANL and Alison Saunders, LLNL (U of R Adv. Center next to LLE)
14:55 – 15:55 Discussion of Findings and Recommendations with LLE management
15:55 – 16:25 Networking interest topics round table discussion
16:25 – 16:55 Matt Hill, LLNL       Poster awards to students/postdocs
               Michelle Marshall, LLE

16:55 – 17:00 Pia Valdivia, UCSD       Final Announcements

17:00       Workshop adjourns

Future Dates:
2024 APS-DPP O'LUG meeting, Atlanta, GA: 9 October 2024, Tuesday 17:30 to 19:00
2025 O'LUG Workshop: Tuesday - Thursday, 22 - 24 April 2025