

(U.S. Eastern Daylight Time; all talks will be held in the Seminar Conference Room)

7:30 – 8:30

8:30 – 8:35 P. Valdivia (OLUG Chair), UCSD Workshop opening

Funding Agencies Session

8:50 – 9:10	M. Sheehy, NNSA	NNSA overview and OES perspective
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9:10 – 9:30	S. Miller, NNSA	NNSA academic programs
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9:50 – 10:45 National labs, industry, and academia representatives

Facility Updates

11:00 – 11:40	J. Puth, LLE	OMEGA Facility Update & Progress on OLUK F&R's
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12:00 – 13:30 Lunch

13:30 – 14:00 H. Sio, LLNL

14:00 – 14:30	A. Gleason, SLAC	Static & Dynamic Phase Contrast Imaging of Inertial Fusion Energy
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Foams at the Linac Coherent Light Source

14:30 – 15:00	M. Wadas, CalTech	Scaling of HED vortex rings formed at shocked interface on OMEGA EP
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15:00 – 15:15 Coffee break

15:15 – 15:45 Students and postdocs (only) Young Researcher (YR) Forum

Findings & Recommendations (F&R) Session 1 (*Quad charts should be emailed to session chairs by Tuesday EOD*)

16:10 – 17:40 L. Tafoya, UMich, Discussions of F&R of the users – Part 1
M. Hill, LLNL

17:50 – 19:30 J. Kunimune, MIT;
P. Heuer LLE

Omega wikithon and data analysis tools

Wednesday, May 21st

7:30 – 8:30 Registration and Continental Breakfast

8:30 – 8:35 P. Valdivia, UCSD Morning announcements

PhD Thesis Research Talks 1

8:35 – 8:55 J. Griff-McMahon, Princeton Tomographic characterization of self-generated magnetic fields in laser-produced plasmas

8:55 – 9:15 B. Reichelt, MIT Kinetic mix enhancement in thin-shell OMEGA implosions

F&R Session 2 *(Quad charts should be emailed to session chairs by Tuesday EOD)*

9:15 – 10:15 L. Tafoya (UMich), Discussions of F&Rs of the Users – Part 2
M. Hill (LLNL)

10:15 – 10:30 Coffee break

Poster Session 1

10:30 – 12:00 Poster session 1

12:00 – 13:30 Lunch and **Omega Facility tours**

New Laser and Facility Projects

13:30 – 14:10 D. Turnbull and C. Dorrer, LLE Fourth-generation Laser for Ultrabroadband eXperiments (FLUX): Motivation, Design, and Planned Experiments

14:10 – 14:40 J. Zuegel, LLE NSF OPAL – Reaching for the Brightest Light

Workshop Picture

14:40 – 14:55

14:55 – 15:10 Coffee break

New Diagnostics Capabilities

15:10 – 15:30 N. Kabadi, LLE Broadband Optical Measurements on OMEGA-EP

15:30 – 15:50 D. Polsin, LLE Probing phase transitions using time-resolved x-ray diffraction

15:50 – 16:10 P. Heuer, LLE Supporting CR-39 processing for OMEGA proton radiography at LLE

Poster Session 2

16:10 – 17:40 Poster session 2

Banquet (Staybridge Suite Rochester University)

18:30 – 21:00

Thursday, May 22nd

7:30 – 8:30 Continental Breakfast

8:30 – 8:35 P. Valdivia, UCSD

Morning announcements

PhD Thesis Research Talks 2

8:35 – 8:55 M. Kate Ginnane, UoR/LLE

Structure and melting of shocked platinum

8:55 – 9:15 K. McMillen, UoR/LLE

Gas jet modeling for heater-enhanced laser filamentation in underdense plasmas

9:15 – 9:40 (poster judge leads)

Poster awards to students and postdocs

9:40 – 9:55 D. Schaeffer, UCLA

OLUG ExCom election results

9:55 – 10:10 Coffee break

F&R Session 3

10:10 – 11:40 L. Tafoya (UMich),
M. Hill (LLNL)

Discussion of F&Rs with LLE management

11:40 – 11:50 P. Valdivia, UCSD

Final Announcements

11:50

Workshop adjourns