

Schedule

Thursday, February 29, 2024

1:00 – 2:30	Short Course Research 1, rm 101AB Title – Beam control for laser systems Speaker – Mark Spencer, Director, Joint Directed Energy Transition Office (JDETO)
2:45 – 4:00	Short Course Research 1, rm 101AB Title – Introduction to Lasers Speaker – Peter Delfyett, CREOL, UCF
4:00 – 5:00	Lab Tours/CREOL Building
5:00 – 6:00	Special Guest Lecture CREOL 102/103 Title – Laser Communications in Space Speaker – Matthew Reichert, CACI

Schedule

Friday, March 1, 2024

8:30	Continental Breakfast and Walk In Registration/UCF Fairwinds Alumni Center	
8:50	Welcome to UCF	Michael Johnson, UCF Provost
9:00	Welcome and Overview of CREOL	David Hagan, Dean & Director
Session I – High Power Lasers		Chair-Martin Richardson
9:30	Keynote Presentation: Overview of the Joint Directed Energy Transition Office	Mark Spencer, Director, Joint Directed Energy Transition Office (JDETO)
10:00	Laser delivery in hollow core fibers	Rodrigo Amezcua Correa, CREOL, UCF
10:20	Student Talk Propagation of Ultrafast Laser Pulses	LaShae Smith
10:35	Break/Visit Exhibitors	
Session II – Industry Focus		Chair- Barron Mills
11:00	Industry Updates: Optica	
11:15	Company Spotlights-KLA, LIA, Lawrence Livermore National Laboratory	
11:45	Industry Updates: SPIE	
12:00	Group Photo/Poster Session/Lunch	
1:30	Company Spotlights-Fibertek, Powerlight Technology	
Session III – Lasers for Sensing and Communications		Chair- Patrick LiKamWa
2:00	Student of the Year Talk Dual-Comb Molecular Spectroscopy from Mid-IR to THz	Dmitrii Konnov
2:25	Keynote Presentation: Laser-based sensing: An information theoretic perspective	Michael Wardlaw, US Navy
2:55	Coherently combined direct diode laser systems	Guifang Li, CREOL, UCF
3:15	Student Talk Low-noise chip scale frequency comb lasers through optical injection locking	Srinivas Varma Pericherla
3:30	Awards Presentation & Closing Reception	