

VU LRC Summer School: Advanced Experimental Training in Laser Physics and Ultrashort Pulse Characterization

Dates: 19-23 August 2024

Vilnius University Faculty of Physics Laser Research Center

Day 1 - MONDAY, 19 August	
12:00 – 12:30	Arrival and welcome
12:30 – 13:00	Introduction to VU Laser Research Center Dr. Dalia Kaškelytė, director
13:00 -13:45	Keynote Lecture: “OPCPA: Latest Advances in High-power Facilities and Research Highlights” Dr. Rimantas Budriūnas
13:45 – 14:15	Coffee break
14:15 – 15:00	Keynote Lecture: “Mastering Complex-shaped Laser Beams: Practical Insights into Advanced Laser Micromachining” Dr. Domas Paipulas
15:00 – 15:45	Keynote Lecture: “All-solid-state spectral broadening, supercontinuum generation and pulse post-compression” Prof. Audrius Dubietis
16:00 – 17:30	Excursion to Light Conversion Ltd.
19:00	Dinner
Day 2 – TUESDAY, 20 August	
9:00 – 10:00	Introduction to training topics and acquaintance to the laboratory
10:00 – 12:00	Laboratory training
12:00 – 13:00	Lunch
13:00 – 16:00	Laboratory training
16:00 – 17:00	Preparation of report
17:00 – 18:30	Joint discussion
Day 3 – WEDNESDAY, 21 August	
9:00 – 10:00	Introduction to training topics and acquaintance to the laboratory
10:00 – 12:00	Laboratory training
12:00 – 13:00	Lunch
13:00 – 16:00	Laboratory training
16:00 – 17:00	Preparation of report
17:00 – 18:30	Joint discussion

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Day 4 – THURSDAY, 22 August	
9:00 – 10:00	Introduction to training topics and acquaintance to the laboratory
10:00 – 12:00	Laboratory training
12:00 – 13:00	Lunch
13:00 – 16:00	Laboratory training
16:00 – 17:00	Preparation of report
17:00 – 18:30	Joint discussion
Day 5 – FRIDAY, 23 August	
9:00 – 10:00	Introduction to training topics and acquaintance to the laboratory
10:00 – 12:00	Laboratory training
12:00 – 13:00	Lunch
13:00 – 16:00	Laboratory training
16:00 – 17:00	Preparation of report
17:00 – 18:30	Joint discussion
18:30 – 19:00	Closing and feedback session