

UWAT workshop programme, 28th of June. Morning sessions

Science with coherent XUV sources. Part 1				Generation and applications of ultrashort structured light				Secondary sources for cultural heritage and space radiation				Electron-Photon Collision Platforms at ELI			
<i>Location: Conference Room</i>				<i>Location: Lounge Room</i>				<i>Location: Room A</i>				<i>Location: ELI Dark Room</i>			
Chair: Eva Klimešová; Co-Chair: Zsolt Diveki				Chair: Subhendu Kahaly; Co-Chair: Mihail Cernaianu				Chair: L. Giuffrida; Co-Chair: V. Malka				Chair: S.V. Bulanov; Co-Chair: P. Tomassini			
time	Speaker	Affiliation	Title of the talk	time	Speaker	Affiliation	Title of the talk	time	Speaker	Affiliation	Title of the talk	time	Speaker	Affiliation	Title of the talk
9:00	Vít Svoboda	Univ. of chemistry and technology Prague	Ultrafast Chiral Dynamics with Photoelectrons	9:00	Marco Piccardo	Instituto Superior Técnico, Universidade de Lisboa	Robust monolithic meta-optics for high-power laser beam shaping from near-UV to near-IR	9:00	Paolo Branchini	Rome University	Organic Field-Effect Transistors Based on Organic Semiconductor-Polymer Blends for X-ray Detection	9:00	Gabriele Grittani	ELI BL	ELBA overview
9:30	Raimund Feifel	University of Gothenburg	Probing ultrafast processes using time-of-flight multi-particle correlation spectroscopy	9:30	Igor Adnriyash	ENSTA, Ecole Polytechnique Paristech	Circumventing limitations of Laser-Wakefield Acceleration with structured laser pulses	9:30	Matteo Passoni	Politecnico di Milano	Cultural heritage investigation: can laser-driven radiation sources play a role	9:30	Masaki Kando	KPSI QST (Kansai Institute for Photon Science, National Institutes for Quantum and Radiological Science and Technology, Japan)	Relativistic flying mirrors: colliding dense electrons with an intense laser pulse
10:00	Tamás Csizmadia	ELI ALPS	High repetition rate attosecond beamline for gas targets	10:00	Mihail Cernaianu	ELI NP	Generation and acceleration of ion beams with high order helical PW laser beams	10:00	Bernhard Hidding	Heinrich Heine University Düsseldorf	Laser-Plasma Radiation Hardness testing of components for space and nuclear applications	10:00	Alexander Thomas	University of Michigan	Laser-electron beam collision physics
10:30	<i>coffee break</i>			10:30	<i>coffee break</i>			10:30	<i>coffee break</i>			10:30	<i>coffee break</i>		
10:50	Ondřej Hort & Jan Vábek	ELI BL	User perspectives of HHG beamline at ELI Beamlines / User-oriented numerical modelling of HHG	10:50	Jorge Vieira	Instituto Superior Técnico, Universidade de Lisboa	Structured light for ultra-intense laser-plasma interactions: numerical modelling and applications	10:50	Martina Greplová Žáková	ELI BL	ELI BL capabilities on cultural heritage	10:50	Stefan Ataman	ELI NP	Electron-photon and photon-photon experiments at ELI-NP
11:20	round table discussion			11:20	round table discussion			11:10	Illia Zymak	ELI BL	Brief overview of ELI BL capabilities on space applications	11:20	Elias Gerstmayr	Queen's University Belfast	The ongoing experiment of their team at NP on Compton backscattering
								11:30	Nigel Mason	University of Kent	The effects of space radiation on interstellar and solar system ice				
								11:50	round table discussion						

12:00 - 13:30 *Lunch break*

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UWAT workshop programme, 28th of June. Afternoon sessions

12:00 - 13:30

Lunch break

12:00 - 13:30

Lunch break

12:00 - 13:30

Lunch break

12:00 - 13:30

Lunch break

Science with coherent XUV sources. Part 2			
<i>Location: Conference Room</i>			
Chair: Eva Klimešová; Co-Chair: Zsolt Diveki			
time	Speaker	Affiliation	Title of the talk
13:30	Christopher Arrell	PSI Switzerland	Application of HHG sources to pump-probe studies in liquid jets
14:00	Andreas Hult Roos	ELI BL	MAC user end-station – Present status of AMO science at ELI Beamlines
14:30	Andor Körmöczi	ELI ALPS	Attosecond soft X-ray beamline at ELI-ALPS
15:00	<i>coffee break</i>		
15:20	Lénárd Gulyás Oldal	ELI ALPS	Measurements on the polarization state of high-order harmonic beams
15:50	Round table discussion		

Ultrafast Techniques in Material and Surface Studies			
<i>Location: Lounge Room</i>			
Chair: Péter Dombi; Co-Chair: Miroslav Kloz			
time	Speaker	Affiliation	Title of the talk
13:30	Martin Aeschlimann	TU Kaiserslautern	Pushing surface science to the attosecond timescale with NanoESCA
14:10	László Óvári	ELI ALPS	Ultrafast experiments with the NanoESCA endstation of ELI
14:35	Zsuzsanna Pápa	ELI ALPS	Ultrafast technologies for time-resolved nanoscience
15:00	<i>coffee break</i>		
15:30	Round table discussion		

Advances in high rep-rate target technology			
<i>Location: Room A</i>			
Co-Chair: T. Chagovets, Co-Chair: V. Leca			
time	Speaker	Affiliation	Title of the talk
13:30	Enam Chowdhury	Ohio State University	Liquid target system
14:00	Fabien Souris	CEA Grenoble – Low Temperature Systems Department	Tunable hydrogen target for high repetition rate proton acceleration
14:30	Nina Gamaionova	ELI BL	High rep target systems (liquid/cryogenic)
15:00	<i>coffee break</i>		
15:30	Kobi Hall	ELI BL	Tape-drive target system
15:30	Round Table discussion		

10-PW Laser-Plasma Platforms at ELI			
<i>Location: ELI Dark Room</i>			
Chair: S. Weber; Co-Chair: D. Doria			
time	Speaker	Affiliation	Title of the talk
13:30	Wenpeng Wang	Shanghai Institute of Optics and Fine Mechanics (SIOM) Chinese Academy of Sciences (CAS)	Recent laser developments and physical researches on SULF
14:00	Domenico Doria	ELI NP	Advancements and hassles during the ELI NP 10 PW campaigns
14:30	Florian Condamine	ELI BL	Commissioning phases and future capabilities of the L4fP3 beamline
15:00	<i>coffee break</i>		
15:30	Lucas Inigo Gamiz	Universidade de Lisboa	Electron and Positron Creation and Acceleration using Direct Laser Acceleration
16:00	Round Table discussion		