## **UWAT workshop programme, 28th of June. Morning sessions**

	Colores tale	and a second Market	D. 14	Generation and applications of ultrashort structured												
Science with coherent XUV sources. Part 1					light				Secondary sources for cultural heritage and space radiation				Electron-Photon Collision Platforms at ELI			
Location: Conference Room					Location: Lounge Room				Location: Hilase Conference Room				Location: ELI Dark Room			
	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					
<u>time</u> 9:00	Speaker Vít Svoboda	Affiliation Univ. of chemistry and technology Prague	Title of the talk  Ultrafast Chiral  Dynamics with  Photoelectrons	time 9:00	Speaker  Marco Piccardo	Affiliation Instituto Superior Técnico, Universidade de Lisboa	Title of the talk  Robust monolithic  meta-optics for high- power laser beam  shaping from near- UV to near-IR	time 9:00	Speaker  Paolo  Branchini	Affiliation  Rome University	Title of the talk Organic Field-Effect Transistors Based on Organic Semiconductor- Polymer Blends for X-ray	time9:00	Speaker  Gabriele  Grittani	Affiliation ELI BL	Title of the talk  ELBA overview	
9:30	Raimund Feifel	University of Gothenburg	Probing ultrafast processes using time-of-flight multi-particle correlation spectroscopy	9:30	lgor Adnriyash	ENSTA, Ecole Polytechniqu e Paristech	Circumventing limitations of Laser- Wakefield Acceleration with structured laser pulses	9:30	Matteo Passoni	Politecnico di Milano	Laser-plasma radiation hardness testing of components for space and nuclear applications	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		coffee break		10:30	coffee break		10:30	coffee break		10:30	coffee break					
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							

## UWAT workshop programme, 28th of June. Afternoon sessions

Science with coherent XUV sources. Part 2				Ultrafast Techniques in Material and Surface Studies				Advances in high rep-rate target technology				10-PW Laser-Plasma Platforms at ELI				
Location: Conference Room					Location: Lounge Room				Location: Hilase Conference Room				Location: ELI Dark Room			
Chair: Eva Klimešová; Co-Chair: Zsolt Diveki					Chair: Péter Dombi; Co-Chair: Miroslav Kloz				Co-Chair: T. Chagovets, Co-Chair: V. Leca				Chair: S. Weber; Co-Chair: D. Doria			
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	
13:30	Christopher Arrell	PSI Switzerland	Application of HHG sources to pump- probe studies in liquid jets	13:30	Martin Aeschlimann	TU Kaiserslauter n	Pushing surface science to the attosecond timescale with NanoESCA	13:30	Enam Chowdhury	Ohio State University	Liquid target system	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	Andreas Hult Roos	ELI BL	MAC user end- station – Present status of AMO science at ELI Beamlines	14:10	László Óvári	ELI ALPS	Ultrafast experiments with the NanoESCA endstation of ELI	14:00	Fabien Souris	Temperature Systems Department	Tunable hydrogen target for high repetition rate proton acceleration	14:00	Domenico Doria	ELI NP	Advancements and hassles during the ELI-NP 10 PW campaigns	
14:30	Andor Körmöczi	ELI ALPS	Attosecond soft X- ray beamline at ELI- ALPS	14:35	Zsuzsanna Pápa	ELI ALPS	Ultrafast technologies for time-resolved nanoscience	14:30	Nina Gamaiunova	ELI BL	High rep target systems (liquid/cryogenic)	14:30	Florian Condamine	ELI BL	Commissioning phases and future capabilities of the L4fP3 beamline	
15:00	0 coffee break			15:00 coffee break			15:00 coffee break			15:00 coffee break						
15:20	Lénárd Gulyás Oldal	ELI ALPS	Measurements on the polarization state of high-order harmonic beams	15:30	Round table discussion			15:30	Kobi Hall	ELI BL	Tape-drive target system	15:30	Lucas Inigo Gamiz	Universidade de Lisboa	Electron and Positron Creation and Acceleration using Direct Laser Acceleration	
15:50	Round table discussion							15:30	Round Table discussion			16:00	Round Table discussion			