

UWAT workshop programme, 28th of June

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: Hilase Conference Room</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 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 - 10:50 <i>coffee break</i>				10:30 - 10:50 <i>coffee break</i>				10:30 - 10:50 <i>coffee break</i>				10:30 - 10:50 <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	Alexey Arefiev	University of California, San Diego	TBD	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
				11:50	Round Table discussion			11:30	Sergio Ioppolo	Aarhus University	The effects of space radiation on interstellar and solar system ice				
								11:50 - 12:30	Round Table discussion						
12:00 - 13:30 <i>Lunch break</i>				12:00 - 13:30 <i>Lunch break</i>				12:00 - 13:30 <i>Lunch break</i>				12:00 - 13:30 <i>Lunch break</i>			

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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			
<i>Location: Conference Room</i>				<i>Location: Lounge Room</i>				<i>Location: Hilase Conference Room</i>				<i>Location: ELI Dark Room</i>			
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 Kaiserslautern	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	CEA – Grenoble	Solid hydrogen target	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	Tae-Moon Jeong	ELI BL	TBD
15:00 - 15:20 <i>coffee break</i>				15:00 - 15:20 <i>coffee break</i>				15:00 - 15:20 <i>coffee break</i>				15:00 - 15:20 <i>coffee break</i>			
15:20	Lénárd Gulyás Oldal	ELI ALPS	Measurements on the polarization state of high-order harmonic beams	15:30	Round Table discussion			15:30	Attila Kovács	University of Szeged	Development of an ultrathin liquid target system for particle generation @1 kHz	15:30	Lucas Inigo Gamiz	Universidade de Lisboa	TBD
15:50	Round Table discussion							16:00	Round Table discussion			16:00	Florian Condamine	ELI BL	Commissioning phases and future capabilities of the L4FP3 beamline
												16:30	Round Table discussion		