UWAT workshop programme, 28th of June. Morning sessions

Science with coherent XUV sources. Part 1

Location: Conference Room

Chair: Eva Klimešová; Co-Chair: Zsolt Diveki

time	Speaker	Affiliation	Title of the talk
9:00	**Vít Svoboda**	Univ. of chemistry and technology Prague	Ultrafast Chiral Dynamics with Photoelectrons
9:30	**Raimund Feifel**	University of Gothenburg	Probing ultrafast processes using time-of-flight multi-particle correlation spectroscopy
10:00	**Tamás Csizmadia**	ELI ALPS	High repetition rate attosecond beamline for gas targets
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
11:20	round table discussion		

Generation and applications of ultrashort structured light

Location: Lounge Room

Chair: Subhendu Kahaly; Co-Chair: Mihail Cernaianu

time	Speaker	Affiliation	Title of the talk
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
9:30	**Igor Adnriyash**	ENSTA, Ecole Polytechnique Paristech	Circumventing limitations of Laser-Wakefield Acceleration with structured laser pulses
10:00	**Mihail Cernaianu**	ELI NP	Generation and acceleration of ion beams with high order helical PW laser beams
10:30	*coffee break*		
10:50	**Jorge Vieira**	Instituto Superior Técnico, Universidade de Lisboa	Structured light for ultra-intense laser-plasma interactions: numerical modelling and applications
11:20	round table discussion		

Secondary sources for cultural heritage and space radiation

Location: Hilase Conference Room

Chair: L. Giuffrida; Co-Chair: V. Malka

time	Speaker	Affiliation	Title of the talk
9:00	**Paolo Branchini**	Rome University	Organic Field-Effect Transistors Based on Organic Semiconductor-Polymer Blends for X-ray Detection
9:30	**Matteo Passoni**	Politecnico di Milano	Cultural heritage investigation: can laser-driven radiation sources play a role
10:00	**Bernhard Hidding**	Heinrich Heine University Düsseldorf	Laser-Plasma Radiation Hardness testing of components for space and nuclear applications
10:30	*coffee break*		
10:50	**Martina Greplová Žáková**	ELI BL	ELI BL capabilities on cultural heritage
11:10	**Illia Zymak**	ELI BL	Brief overview of ELI BL capabilities on space applications
11:30	**Nigel Mason**	University of Kent	The effects of space radiation on interstellar and solar system ice
11:50	round table discussion		

Electron-Photon Collision Platforms at ELI

Location: ELI Dark Room

Chair: S.V. Bulanov; Co-Chair: P. Tomassini

time	Speaker	Affiliation	Title of the talk
9:00	**Gabriele Grittani**	ELI BL	ELBA overview
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	**Alexander Thomas**	University of Michigan	Laser-electron beam collision physics
10:30	*coffee break*		
10:50	**Stefan Ataman**	ELI NP	Electron-photon and photon-photon experiments at ELI-NP
11:20	**Elias Gerstmayr**	Queen's University Belfast	Non-linear Compton scattering using self-reflection at ELI-NP

12:00 - 13:30	*Lunch break*	12:00 - 13:30	*Lunch break*	12:00 - 13:30	*Lunch break*	12:00 - 13:30	*Lunch break*

UWAT workshop programme, 28th of June. Afternoon sessions

12:00 - 13:30 *Lunch break*

Science with coherent XUV sources. Part 2

Location: Conference Room

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	*coffee break*		
15:20	**Lénárd Gulyás Oldal**	ELI ALPS	Measurements on the polarization state of high-order harmonic beams
15:50	Round table discussion		

12:00 - 13:30 *Lunch break*

Ultrafast Techniques in Material and Surface Studies

Location: Lounge Room

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	*coffee break*		
15:30	Round table discussion		

12:00 - 13:30 *Lunch break*

Advances in high rep-rate target technology

Location: Hilase Conference Room

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 Gamaiunova**	ELI BL	High rep target systems (liquid/cryogenic)
15:00	*coffee break*		
15:30	**Kobi Hall**	ELI BL	Tape-drive target system
15:30	Round Table discussion		

12:00 - 13:30 *Lunch break*

10-PW Laser-Plasma Platforms at ELI

Location: ELI Dark Room

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	*coffee break*		
15:30	**Lucas Inigo Gamiz**	Universidade de Lisboa	Electron and Positron Creation and Acceleration using Direct Laser Acceleration
16:00	Round Table discussion		