

ELI-GERMAN SCIENTIFIC COMMUNITY WORKSHOP

29-30 June 2017, Dresden, GERMANY

PROGRAMME

29th June, 2017

OPTIONAL VISIT at the ELI-Beamlines facility, Dolní Břežany, Czech Republic

09:00 – 10:30 *Visit of the ELI-Beamlines facility*

10:30 – 12:30 *Transfer by bus to Dresden*

WORKSHOP VENUE: Conference Center Dreikönigskirche Dresden, Germany

12:30 – 14:30 *Participants registration and Buffet Lunch*

14:30 – 14:40 **Catalin Miron (ELI-DC) and Ulrich Schramm (HZDR)**
Welcome word by the Chairs

Session 1: ELI-NP (chair: Norbert Pietralla)

14:40 – 15:00 **Peter Thirolf (LMU München)** – *Fission-fusion mechanism at the High Power Laser System*

15:00 – 15:20 **Julius Wilhelmy (Universität zu Köln)** – *Nuclear Resonance Fluorescence with monoenergetic photons and fundamental experiments at ELI-NP*

15:20 – 15:40 **Deniz Savran (GSI)** – *Studies of the Dipole Response of atomic nuclei from low energies to high energies*

15:40 – 16:00 **Dan Stutman (ELI-NP)** – *Experiments with High Power Laser System*

16:00 – 16:20 **Dimiter Balabanski (ELI-NP)** – *Experiments with Gamma Beam System*

16:20 – 16:40 *Coffee break*

Session 2: ELI-Beamlines (chair: Tom Cowan)

16:40 – 17:00 **Florian Grüner (Universität Hamburg)** – *Perspectives of an ultra-compact FEL facility*

17:00 – 17:20 **Jörg Schreiber (LMU München)** – *Frontier of laser-driven ion acceleration*

17:20 – 17:40 **Markus Roth (TU Darmstadt)** – *Laser-generated compact neutron sources with unprecedented intensity*

17:40 – 18:00 **Daniele Margarone (ELI-Beamlines)** – *Ion acceleration at ELI Beamlines*

18:00 – 18:20 **Jakob Andreasson (ELI-Beamlines)** – *Day one endstations and experiments in molecular, biomedical, and material sciences*

Discussion – Parallel sessions

18:30 – 19:30 **Discussion ELI-NP**

18:30 – 19:30 **Discussion ELI-Beamlines**

20:00 *Dinner*

30th June, 2017

Session 3: ELI-ALPS (chair: Giuseppe Sansone)

08:30 – 08:50	Martin Schulze (Max-Planck-Institut für Quantenoptik, Garching) – <i>Attosecond dynamics in semi-conductors</i>
08:50 – 09:10	Christian Ott (Max-Planck-Institut für Kernphysik, Heidelberg) – <i>Gas phase XUV absorption spectroscopy in weak and strong fields</i>
09:10 – 09:30	Michael Bauer (Universität Kiel) – <i>TR-ARPES with a High Harmonic Light Source</i>
09:30 – 09:50	Karoly Osvay (ELI-ALPS) – <i>The roadmap towards an attosecond user facility</i>
09:50 – 10:10	Dimitris Charalambidis (ELI-ALPS) – <i>First day and follow up experiments with ELI-ALPS beam lines</i>
10.10 – 10.40	Discussion ELI-ALPS
10.40 – 11.10	<i>Coffee break</i>

Session 4: Wrap-up session (chair: Catalin Miron)

11:10 – 11:25	Ulrich Schramm (HZDR) – <i>Summary of Sessions 1 – 3</i>
11:25 – 11:35	Barbara Schramm (HZDR) – <i>Result of the User questionnaire</i>
11:35 – 12:05	ELI representatives (1/pillar, 10 min each) – <i>Summary from the perspective of ELI, promising collaborations and identified needs for support</i>
12:05 – 13:00	Carlo Rizzuto – <i>General discussion and closing remarks</i>
13:00 – 14:00	<i>Buffet Lunch</i>
14:00	<i>End and participants' departure</i>