

# 8th ELI-ALPS User Workshop



**Monday 08 November 2021 - Tuesday 09 November 2021**

**ELI-ALPS Research Institute**

## Scientific programme

**MONDAY (8th November)**

9:00 Gábor SZABÓ – ELI ALPS

*Welcome*

9:10 Katalin VARJÚ – ELI ALPS

*Introduction*

9:30 Allen WEEKS – ELI ERIC

*ELI ERIC*

10:00 Teodor IVANOAIKA - ELI ERIC

*ELI FAIR Scientific Data Management System- from Policy to Implementation*

10:15 Coffee break

10:45 Ádám BÖRZSÖNYI – ELI ALPS

*Laser Sources*

11:05 Subhendu KAHALY – ELI ALPS

*Secondary Sources*

11:25 Péter DOMBI – ELI ALPS

*Ultrafast science and applications*

11:45 Zita VÁRADI – ELI ALPS

*Access*

12:05 Lunch

13:05 Gabriele M. GRITTANI – ELI Beamlines

*New Opportunities for Users at ELI Beamlines*

13:30 Domenico DORIA – ELI NP

*Recent Progress on ELI NP Facility Implementation*

14:10 Károly OSVAY – University of Szeged, Hungary

*Recent Results on Laser Ion Acceleration From The University of Szeged NLTL Beamline at ELI ALPS*

14:50 Emmanuel STRATAKIS – FORTH, Greece

*Material Irradiation with Mid-IR Ultrashort Pulses*

15:30 Coffee break

16:00 Caitlin DUFFY – Radboud University, Netherlands

*Cooper Pair Break-up in Cuprate Thin Films Under Strong THz Fields*

16:40 Viktor CHIKÁN – University of Kansas, US; ELI ALPS

*Prospective on Transient Absorption Spectroscopy to Observe Chemically Evolving Systems*

17:20 Fred BROUWER - University of Amsterdam, Netherlands

*Dynamics of Tin-Oxo Cage Photoresists Upon Excitation and Ionization*

18:00 Teng MA - Shenyang Agricultural University, China

*Electronic Structure of Ceria Islands Confined on Au Surface***TUESDAY (9th November)**

9:00 Rober MOSHAMMER – MPG, Germany

*AMO Experiments with XUV Radiation, and Prospects at ELI APS*

9:40 Martin AESCHLIMANN – Technical University, Kaiserslautern, Germany

*ELI ALPS NanoEsca Endstation: Recent Progress and Prospects*

10:20 Coffee break

10:50 János KISS, László ÓVÁRI – University of Szeged, Hungary; ELI ALPS

*Electronic Structure of Two-Dimensional Hexagonal Boron Nitride on Au Coated Rh(111) Surface Studied by NanoESCA*

11:30 Carlito PONSECA – Linköping University, Sweden

*Ultrafast investigations of perovskite materials using high THz pump pulses*

12:10

Lunch

break

13:10 Paraskevas TZALLAS – FORTH, Greece; ELI ALPS

*Generation of Non-Classical Light States Using Intense Laser-Atom Interaction*

13:50 Slavomir SKRUSZEVICZ, Matthias KÜBEL – DESY, Germany; University of Jena, Germany

*CEP-Resolved Photoelectron Spectroscopy in Atomic and Molecular Systems Ionized with Mid-IR Pulses*

14:30 Coffee break

15:00 Petar LAMBREV – BRC, Hungary

*Transient Absorption and Pump-Probe Spectrometers with <10 fs Resolution*

15:40 Gyula POLÓNYI – University of Pécs, Hungary

*Investigation of Materials for Strong-Field Terahertz Technology*

16:20 Mohsen SAJADI - Fritz Haber Institute, Berlin, Germany

*Coherent Control of Photochemical Reactions with Intense THz Pulses*

17:00 Closing remarks