

8th ELI-ALPS User Workshop



Monday, November 8, 2021 - Tuesday, November 9, 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