



ELI Summer School 2020

Virtual Summer School to be Run by ELI-ALPS Laser Research Institute

Everything is different in 2020, but the fifth ELI Summer School (ELISS) must go ahead. This year the event, alternatingly hosted by the individual pillars of ELI (Extreme Light Infrastructure), is again organized by ELI-ALPS (Attosecond Light Pulse Source). Unfortunately, this time we are unable to meet participants in person, and the programmes will be held in the virtual space

on 26-28 August 2020.

The main objective of ELISS is to provide young researchers with a comprehensive overview of intense laser pulses and laser-driven particle and radiation sources.

Programmes:

Virtual laboratory tour Poster section Lectures

Topics covered:

High-power ultrashort lasers
Particle acceleration and applications

Plasma Physics

Generation and application of attosecond

pulses

XUV and X-ray optics

ELI user experiments

Generation and applications of intense THz

radiation

Generation and amplification of ultrashort

laser pulse

Generation of bright coherent and incoherent X-ray pulses using short-pulse lasers

Confirmed Lecturers:

Anne L' Huillier (Lund University, Sweden)

Martin Aeschlimann (TU Kaiserslautern, Germany)

Louis DiMauro (Ohio State University, USA)

Sambhu Ghimire (Stanford University)

Fabien Quéré (CEA Paris-Saclay, France)

Hans-Jakob Wörner (ETH Zürich, Switzerland)

Károly Osvay (University of Szeged, Hungary)

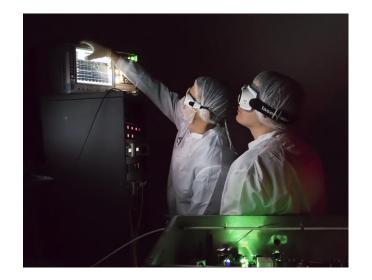
Laszlo Veisz (Umea University, Sweden)

Chris Phillips (ETH Zürich, Switzerland)

Robert Moshammer (Max-Planck-Institute for Nuclear Physics, Heidelberg, Germany)

Christian Ott (Heidelberg University, Germany)

Luca Poletto (CNR-Institute, Italy)













The online event is free to attend but registration is required. The **registration platform will be available from 13 July 2020.**

If you have any queries, please feel free to contact us at eliss2020@eli-alps.hu. At the same time, please share this announcement with your students as well as fellow researchers.

Yours faithfully,

Prof. Gábor Szabó

managing director

Prof. Katalin Varjú

scientific director

Prof. Dimitris Charalambidis

scientific advisor

Dr. Rodrigo Lopez-Martens

scientific advisor





