



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 Moshhammer (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

