



## The Extreme Light Infrastructure ERIC

### Laser-Induced Fusion Kick-off Meeting

The [Extreme Light Infrastructure](#) ERIC (ELI) has launched an initiative in Laser-Induced Fusion (LIF) supported by the German Ministry of Education and Research. A dedicated workshop is planned for **28-29th November 2023** at ELI in Dolní Břežany, Czech Republic.

The aim of the workshop is to **bring together academic and industrial actors in LIF** and facilitate discussion on the recent developments in the European landscape, **identify common strategies to address the new scientific and technological challenges**, and **the role ELI could play in enabling the development of methods or technology relevant to LIF**, particularly, but not exclusively, with key relevant actors in the German research community. This initiative is a first step in the context of wider European activities in this area, with a perspective of launching a wider call for Mission-based access to ELI and ultimately contributing to practical ways to generate laser-based clean energy.

The event will be divided into two sessions with the first day (28 November 2023) focusing on the worldwide laser-fusion landscape, and the second day (29 November 2023) addressing the role of ELI in contributing to methods and technology relevant to LIF in collaboration with key German actors and other potential partners.

Laser-induced fusion has recently been demonstrated in the United States, reaching ignition and burn, with a net energy gain equal to 1.5. This breakthrough has **greatly increased interest in laser fusion** in many countries, universities, research centres, and private companies. Europe now has a window of opportunity to be a relevant player in such changes by involving the scientific community, industries, and relevant institutions.

More details on the programme, registration for the meeting, and further updates are available on the event website:

<https://indico.eli-laser.eu/e/LIF2023>

We are looking forward to welcoming you in person for some engaged discussions.

Andrew Harrison  
ELI ERIC Director of Science  
Luca Volpe  
ELI ERIC Co-ordinator for laser-induced fusion research



# ELI Laser-Induced Fusion Kick-off Meeting

**28-29 November 2023,**

**The Extreme Light Infrastructure ERIC  
Za Radnicí 835, Dolní Břežany, CZ**

The Extreme Light Infrastructure ERIC (ELI) launched an initiative in Laser-Induced Fusion (LIF) supported by the German Ministry of Education and Research.

A dedicated workshop bringing together relevant stakeholders from academia and industry will facilitate discussion on recent developments, identify common strategies, and explore the role ELI could play in enabling the development of methods or technologies in the field. This initiative is a first step to ultimately contributing to practical ways to generate laser-based clean energy.

The workshop will be divided in two sessions:

- Day 1** Overview of the worldwide laser-fusion landscape.
- Day 2** The role of ELI in contributing to methods and technology relevant to LIF in collaboration with key German actors and other potential partners.

More information:  
<https://indico.eli-laser.eu/e/LIF2023>

Main contact: [Luca.Volpe@eli-laser.eu](mailto:Luca.Volpe@eli-laser.eu)

