



OPEN ACCESS

TO THE HILASE CENTRE RESEARCH INFRASTRUCTURE

In the HiLASE Centre, we offer our superb research infrastructure to other users, completely free of charge. In order to apply for the beamtime in our facility, you only need to send us your proposal via the electronic HiLASE Open Access Proposal Management System.

What we offer?

Short-term access to our top-grade facilities, such as:

- ✓ High power lasers: high energy nanosecond kilowatt Bivoj laser (100 J @ 10 Hz) and high repetition rate picosecond kilowatt class PERLA® lasers (5 mJ @ 100 kHz, 20 mJ @ 1 kHz), all with possible conversion to harmonic frequencies;
- ✓ Stations for laser applications: Laser Induced Damage Threshold, Laser Shock Peening, laser micromachining, laser micro-processing;
- ✓ Spectroscopic and laser characterization of optical materials;
- ✓ Characterisation devices: Scanning Electron Microscope, X-ray Diffractometer, Raman Spectrometer & Atomic Force Microscope, Laser Scanning Confocal Microscope.

Who can apply?

Groups from academic research institutions from Czechia, the EU and certain non-EU countries. For eligible countries, there is an option to fund the access through Laserlab Europe, which will also cover the travel and accommodation expenses. It is a perfect opportunity to pilot a single pulse experiment on a high average power high repetition rate laser or to enhance the yield of a high average power experiment.

When to apply and how?

The call for proposal is usually open in the first and second quarter of each year allowing the open access to our facilities in the next year. After registration, you can apply through HiLASE Open Access Proposal Management System at beamtime.hilase.cz.

More details and contacts

- ✓ **User Liaison Office** | user.office@hilase.cz | tel.: +420 314 007 724 | first point of contact with users, assists with the application and practical arrangements.
- ✓ **Martin Divoky, Head of Open Access Programme** | martin.divoky@hilase.cz | tel.: +420 314 007 721 | technical questions.
- ✓ **Scientists in charge of specific research infrastructure** | contacts available at [description of each facility](#) | technical specifications of chosen equipment.



Instructions: bit.ly/OPEN_ACCESS



Application: beamtime.hilase.cz



Equipment & Contacts: bit.ly/HILASE_INFRASTRUCTURE

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