

The ELI Beamlines research centre in Dolní Břežany is part of pan-European infrastructure ELI (Extreme Light Infrastructure) representing a unique tool of support of scientific excellence in Europe by making available its capacities to the best scientific teams across the world. The aim of ELI Beamlines is to establish the most intensive laser system in the world and to operate it on a long-term basis. Due to ultra-high performances of 10 PW (1 petawatt = 1,000,000,000,000,000 watts) and focused intensities of up to 1024 W/cm^2 , we can offer our users a unique source of radiation and accelerated particles. The so called beamlines will enable research in the area of physics and science dealing with materials, but also in biomedicine and laboratory astrophysics and many other fields. ELI Beamlines is part of the Institute of Physics of the Czech Academy of Sciences, and it was open in 2015.

The Institute of Physics of the Czech Academy of Sciences is a holder of the HR Excellence in Research Award. It is awarded by the European Commission to institutions which put significant effort into improving their human resources strategy and ensuring professional and ethical working conditions.

For supporting daily operation of our PW high-repetition laser system we invite applications for a new group member for a position:

Laser Operator

Following the necessary training the selected candidate will be responsible for:

- daily startup and operation of the L3 HAPLS laser system from the laser control room
- undertake routine maintenance tasks
- produce and maintain necessary documentation
- contribute to hands-on experimental work on prototyping and laser development towards higher energy output
- contribute to further development of laser controls and Graphical User Interface
- contribute to development of operation manuals
- support daily operation of laser development laboratory

Requirements:

- university degree (Bc. or MA) in area of Physics, Electronics or Engineering, or other degree in Laser physics, Quantum Electronics, Optics or Applied physics
- practical experience in experimental or operational environment
- engineering skills

- good working knowledge of English

We offer:

- the opportunity to participate in this unique scientific project
- competitive and motivating salary
- flexible working hours
- good working environment
- career growth
- lunch vouchers, pension contribution and 5 sick days
- support of leisure time activities

Applications, containing CV, cover letter, contacts of references, and any other material the candidate considers relevant, should be sent to Mrs. Jana Ženíšková, HR specialist (jana.zeniskova@eli-beams.eu, +420 - 601560322).

Information regarding the personal data processing and access to the personal data at the Institute of Physics of the Czech Academy of Sciences can be found on: <https://www.fzu.cz/en/processing-of-personal-data>