

The ELI Beamlines Centre is part of the Extreme Light Infrastructure (ELI) project, a new research infrastructure of international significance. The lasers at ELI Beamlines aim to deliver unprecedented ultrashort, ultra-intense laser pulses for diverse interdisciplinary applications in physics, medicine, biology and materials science. Currently several of the main laser beamlines are operational and are being expanded and upgraded to reach their full performance and maximum availability. Other laser beamlines are in commissioning and new cutting-edge laser sources are in the design and development phase. ELI Beamlines is a 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 the installation and ongoing technical support of the advanced, large scale experimental technology, we invite applications for a new group member of the department of the Technical Infrastructure and Instrumentation Services:

User Support Engineer (IV-72)

Job description:

The successful candidate will work closely with scientific teams and will provide them with engineering and technical knowledge, coordination and general support. He/she will further cooperate with the ELI Beamlines User Office. He/she will be responsible for communication and fulfilling specific user requirements for various experimental setups. He/she will deal with technical equipment and infrastructure during preparation and execution of user experiments. He/she will also provide engineering support during preparation, installation and commissioning of new experimental stations.

The suitable candidate will:

- support daily reliable operation of experimental end stations and related scientific instruments
- act as an interface between the Engineering Support Group, Experimental and Engineering groups and users
- provide engineering support to experimental groups in preparation and execution of various user experiments
- be responsible for tasks related to laser beams or secondary sources diagnostics, sensors, detectors, related electronics, data acquisition and analysis

- participate in the development, installation and commissioning of scientific instrumentation
- work on assembling vacuum, opto-mechanical and other systems in cleanroom environment (ISO-7/ISO-5)
- prepare technical specifications for parts and subsystems procurement and organizing procurement and manufacture of custom build components

Required skills:

- university degree in a technical field or natural sciences
- demonstrated suitable professional experience relevant to the above listed work topics
- pro-active, detail oriented team player with good communication skills and strong focus on user satisfaction
- working knowledge of English, verbal and written

We offer:

- the opportunity to participate in this unique scientific project
- competitive and motivating salary
- flexible working hours
- 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>