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 concentrated intensities of up to 1024 W/cm2, we can offer our users a unique source of radiation and beams of accelerated particles. The so called beamlines will enable groundbraking 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 HR strategy and ensuring professional and ethical working conditions.

For supporting daily operation of out 1 kHz, 50 mJ, 15 fs laser we invite applications for a new group member for a position:

L1 ALEGRA laser operator

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

- daily startup and operation of a large scale laser system L1 ALLEGRA 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 GUI
- contribute to development of operation manuals
- support daily operation of laser development laboratory

Requirements:

- University degree (Bc. or MA) in area of Physics, Electronics engineering or specifically degree in Laser physics, Quantum Electronics, Optics or Applied physics
- we are interested in hearing from candidates with practical experience in an experimental or operational environment
- engineering skills
- good working knowledge of the English

FZU Institute of Physics of the Czech Academy of Sciences

EUROPEAN UNION
European Structural and Investing Funds
Operational Programme Research, Development and Education

MINISTRY OF EDUCATION, YOUTH AND SPORTS

We offer:

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

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