



ELI-Beamlines will be the high-energy, repetition-rate laser pillar of the ELI (Extreme Light Infrastructure) project. It will be an international facility for both academic and applied research, slated to provide user capability. The main objective of the ELI-Beamlines Project is delivery of ultra-short high-energy pulses for the generation and applications of high-brightness short pulse X-ray sources and accelerated particles. The laser systems will be delivering pulses with length ranging between 10 and 150 fs and will provide high-energy Petawatt and 10-PW peak powers.

Leader of Research Programme 2 X-ray sources driven by ultrashort laser pulses

Key Responsibilities:

1. Supervision of the research activities within the particular research programme.
2. Implementation of laser driven x-ray beam lines in the ELI-Beamlines Project .
3. Ensure implementation of the projects with respect to deadlines, staff, and technologies issues.
4. Liaise with appropriate foreign laboratory/ies.
5. Management of the research team.
6. Solve different ad-hoc problems.

Key Requirements:

1. PhD in Lasers from Polytechnique/University.
2. Post Doc in Laser driven x-ray sources would be a plus.
3. Working experience min. 3 years in the Lasers.
4. Working experience in management of the research group.
5. English language on a very good level (written and spoken).
6. Excellent management and organizational skills.
7. Ability of strategic planning and visioning.
8. Team player, flexible with "can do" attitude.
9. Willing to travel.

We Offer:

1. Great opportunity of professional development within unique research project.
2. Good salary package.
3. Pleasant working environment.

Location

ELI Beamlines, Institute of Physics AS CR, Prague, Czech Republic

Duration

2-3 years renewable, possibility of extension

Application process

Applications should be sent to Mrs Mirka Svobodova (Mirka.Svobodova@eli-beams.eu +420733690901). Please provide your curriculum vitae and cover letter (in English), as well as the names and contact details (e-mail address and phone number) of two references. Please include the following text in your cover letter, to allow us to process your personal details:

I agree that, according to the decree 101/2000 coll.(Czech Republic), my personal details sent to FZU AV CR, v.v.i. , Na Slovance 2, 18221 Praha 8, Czech Republic can be used for the purpose of obtaining employment and management of database of employment candidates. This permission is given for the period of one year and can be at any time withdrawn by giving a notice in writing.

The deadline for applications is open. Candidates will be reviewed and given initial feedback within about a month and for those that pass initial review reference letters will be sought. Relevant candidates will be invited to interview by phone or videoconference, and final interviews will be held in person.