

**Technician (Laser Physics, Optics)**  
**at the Extreme Light Infrastructure – Nuclear Physics (ELI-NP)**  
**Research Activity 5 – Experiments with Combined Laser and Gamma Beams**

**Job Description and Candidate's Profile**

**Scope of work**

The ELI-NP Technicians will ensure the technical support for the equipment and the experiments during both the implementation and the operational phases of ELI-NP.

In the operational phase, the technicians will participate to the upgrades and to the development of new experimental setups in RA5.

**Main responsibilities:**

- Acquiring the necessary knowledge and getting sufficient expertise for the installation, maintenance and monitoring the functioning of the equipment;
- Providing technical support for scientific and engineering activities, for the preparation and development of the experimental setups;
- Providing assistance and technical support during the operational phase to maintain the best performance of the ELI-NP.

**Main tasks:**

- Installation, acceptance testing, maintenance, support and documentation of systems within Research Activity 5 related to Laser optics components, diagnostics of the laser pulse, alignment;
- Providing technical support for scientific and engineering activities;
- Ensuring efficient collaboration and dialogue between research staff and suppliers of equipment and various services;
- Actively and efficiently communicating within the ELI-NP team to promote a harmonious collaboration framework;
- Participating in maintaining the performances of the ELI-NP equipment and systems to the desired level;

- Actively participating in the technological development activities performed at ELI-NP;
- Providing specific technical support for the experiments.

**Competencies and experience:**

- High-school graduation diploma;
- Post high-school technical training in fields of interest for ELI-NP;
- Proven experience in providing technical support in the lasers / optics field within research and development laboratories or in technical departments of companies;
- Fluency in English;
- Proven teamwork experience, communication and efficient collaboration skills;
- Availability to travel and perform work stages abroad.

Would be a plus:

- Experience with optical systems in vacuum conditions;
- Previous experience with ultra-short pulse laser optics;
- Experience with electron beams and associated optics.

**Conditions of employment:**

- Full-time position based in Bucharest–Magurele, Romania;
- Included: medical coverage, social security contribution, paid annual leave;
- Motivating salary depending on qualifications and experience;
- Participation to specific training courses.

**Applications:**

- Applications shall be accompanied by the documents requested in the Rules of Selection for this position.
- Applications shall be sent to the Human Resources Department at [human.resources@eli-np.ro](mailto:human.resources@eli-np.ro).