

## **Doctoral Research Assistants (PhD Students)**

at the **Extreme Light Infrastructure – Nuclear Physics (ELI-NP)**,  
**Research Activity 4** – Nuclear Physics and Applications with High-Brilliance Gamma Beams

### **Job Description and Candidate's Profile**

#### **Scope of work:**

The Doctoral research assistants (PhD Students) will pursue their activity in the working groups led by Research Scientists, in order to train skills and prepare their PhD thesis.

#### **Main responsibilities:**

- Improving scientific knowledge and competencies in ELI-NP research topics and getting familiar with the project research field;
- Performing all activities preceding the preparation of the PhD thesis and conceiving and preparing the PhD thesis in accordance with the ELI-NP research topics;
- Completing the PhD thesis in due time;
- Performing specific tasks within the Research Activity led by a Research Scientist in accordance with the PhD thesis subject;
- Participating in scientific events and schools intended for young researchers;
- Acquiring skills for communicating/presenting information regarding to research activity performed and the scientific article writing activity;
- Participating in the elaboration of the Technical Design Reports (TDRs) for ELI-NP experiments, especially learning practices and methods to prepare the technical/conceptual design documentation;
- Participating in specific activities during the installation and commissioning phase.

#### **Professional background:**

- Enrolled as PhD Student in Physics/Engineering of interest for ELI-NP;
- Excellent results obtained during the studies graduated;
- Strongly motivated to develop a scientific research career;
- Good knowledge of the scientific field relevant for ELI-NP;
- Fluent in English.

#### **Working arrangements/Conditions of employment:**

- Full time position, based in Bucharest - Magurele, Romania, for a period of 1 (one) year with the possibility of several successive extensions of one year, until completion of the PhD studies;
- Included: private medical coverage, paid annual leave;
- Motivating salary, at European level, based on qualifications and experience;
- The candidate should be available to travel abroad for scientific collaboration at various research infrastructures, for part of their time;
- The approval of the PhD Supervisor and of the PhD school management.

#### **Applications:**

The applications shall be accompanied by the documents requested in the Rules of Selection for this position.

The applications shall be sent to the Human Resources Department at [human.resources@eli-np.ro](mailto:human.resources@eli-np.ro).