

**Doctoral Research Assistant (PhD Student)**  
**at Extreme Light Infrastructure – Nuclear Physics (ELI-NP)**

Extreme Light Infrastructure – Nuclear Physics (ELI-NP) will be a new Center for Scientific Research to be built by the National Institute of Physics and Nuclear Engineering (IFIN-HH) in Bucharest-Magurele, Romania.

ELI-NP is a complex facility which will host two state-of-the-art machines of highperformances:

- A very high intensity laser with two 10 PW lasers;
- A very intense ( $\sim 10^{13}$   $\gamma/s$ ), brilliant  $\gamma$  beam,  $\sim 0.1$  % bandwidth, with  $E_\gamma > 19$  MeV, which is obtained by incoherent Compton back scattering of a laser light off an intense electron beam ( $E_e > 700$  MeV) produced by a warm LINAC.

We are seeking self motivated candidates for Doctoral Research Assistant (PhD Student) positions at ELI-NP. The description of the position, Candidate profile and the Rules of Selection may be found at [www.eli-np.ro](http://www.eli-np.ro).

We offer outstanding working conditions, a motivating European salary, and the opportunity for a successful career in scientific research.

The applications shall be accompanied by the documents required in the Rules of Selection.

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