ELI Beamlines is a part of the ELI (Extreme Light Infrastructure) pan-European project representing a unique tool of support of scientific excellence in Europe. ELI Beamlines aims to operate the world’s most intense laser system.

With ultra-high power 10 PW and concentrated intensities of up to 1024 W/square cm, we offer our users a unique source of radiation and rays of accelerated particles. These beamlines are enable pioneering research not only in physics and material science, but also in biomedicine and laboratory astrophysics and many other fields.

The ELI Beamlines is part of the Institute of Physics of the Czech Academy of Sciences, and it was open in 2015.

**Student Internship**

**Development and testing of an liquid jet target system**

**Expected duration:** 60 days (July 1st till September 1st)

**Abstract:**
The goal of the internship is to study the working principle of liquid jet target system, provide experimental measurements of various target parameters and its data analysis (ADONIS-IAL activity). The project involves use of programming in LABView, Matlab or Python for data acquisition, post processing and data analysis.

**Candidate profile:**

Interviews will begin immediately and the position will stay open until filled.

Applications should be sent to Mrs. Markéta Pávková via email: marketa.pavkova@eli-beams.eu.

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](https://www.fzu.cz/en/processing-of-personal-data).