



ELI-ALPS (<https://www.eli-alps.hu/>), part of the Extreme Light Infrastructure (ELI) project, is a world-leading research facility in Szeged, Hungary, dedicated to studying ultrashort high-energy processes. As one of three pillars of this European megaproject, ELI-ALPS provides cutting-edge ultrashort light sources, including attosecond XUV and X-ray pulses, for the scientific community, enabling groundbreaking research in light-matter interactions, valence and core electron science, materials science, 4D imaging, and various biomedical applications.

**A new Electrical Engineer position is available in the Electrical Engineering Group at ELI ALPS.**

**The duties and responsibilities of the position** include but are not limited to the following:

- Upgrading and maintaining the technical documentation of the control systems managed by the Electrical Engineering group
- Creating new designs (single-line diagrams) in **EPLAN Electric P8**
- Troubleshooting, maintenance of the existing control systems
- Design review
- Assistance in the technical preparation of the procurements of the group

**We expect** candidates to have an MSc or BSc degree in Electrical Engineering or be able to demonstrate equivalent professional experience. The successful candidate must have a minimum of three years working experience. Previous work experience in large experimental physics institutes or in the field of electrical construction or maintenance is desirable but not essential.

Advanced skills in **EPLAN P8** design software.

The candidate select showing self-motivation and independent problem solving skills will have to work in a team, closely interact with other research and technical divisions in-house, cooperate with product vendors, and collaborate with teams of international scientists. This position requires working within production deadlines. A good command of English, as well as communication and interpersonal skills are a prerequisite.

#### **Non-essential but preferred experience**

- Vacuum background
- Scientific background
- Functional Safety related experience
- Developing and programming of PLC or microcontroller based control systems
- PCB design and manufacturing

#### **ELI-ALPS offers**

- State-of-the-art and unique infrastructure
- An opportunity to participate in the implementation of novel cutting-edge research
- An international team of scientists and engineers with a diverse background
- Unprecedented challenges
- A competitive salary
- Attractive fringe benefits
- A pleasant working environment in a brand new facility

If you are interested in the position, please upload your CV and motivation letter to our Career Site at <https://www.eli-alps.hu/en/Career-1> .