

## Open scientific and engineering positions at ELI Attosecond Light Pulse Source Szeged, Hungary

The Attosecond Light Pulse Source (ALPS) research centre to be built in Szeged, Hungary will be devoted to study of electron dynamics on the femto-, attosecond scale in atoms, molecules, plasmas and biological samples. The primary mission of the ELI-ALPS research facility is to make a wide range of ultrafast light sources accessible to the user groups of the international scientific community, with special consideration to coherent extreme-ultraviolet (XUV) and X-ray radiations, and to attosecond pulses. The implementation of the building and the scientific equipment has just started and will be opened in mid 2015.

**The ELI-ALPS** is searching for person power to run the **optical preparatory lab**. The concerned lab is to provide support for the experimental research activities by performing accurate measurements with a wide variety of systems available for appropriate investigation of optical, geometrical, morphological and phase properties.

This work requires experience in optical preparation and surface diagnostics especially in surface structure analysis or spectral reflection / transmission or spectral and spatial phase distortion measurements. An understanding of geometrical and physical optics is necessary and hands-on experience on any of the relevant devices and/or techniques is preferred.

**We offer** competitive salary and pleasant working conditions in a brand new infrastructure.

**We are expecting job applications for the Laser Infrastructure Division in the following area and position:**

### **Engineer/Physicist in Optical Preparation and Surface Diagnostics Lab:**

- The successful candidate will have at least a Bachelor degree in the related faculty of Engineering, Physics, Physics Teaching or be able to demonstrate the equivalent professional experience.
- Demonstrated skills in optical preparation and diagnostics are desirable but not essential:

- (i) interferometry
- (ii) spectroscopy / ellipsometry
- (iii) surface inspection

The ideal candidate must show self-motivation and independent problem solving skills. They will be expected to work in a team; be able to liaise with other in-house research and technical divisions; cooperate with product vendors and collaborate with teams of international scientists. This position requires working with production deadlines. Working proficiency English language, communication and interpersonal skills are a prerequisite.

**If you are interested in becoming a member of ELI-ALPS project team please submit your detailed CV in English with a photo and a cover letter to [allas@eli-alps.hu](mailto:allas@eli-alps.hu) with the subject "Engineer/Physicist in Optical Lab".**

**For any further information in general and also in scientific and research matters please contact with [allas@eli-alps.hu](mailto:allas@eli-alps.hu) or find at [www.eli-alps.hu](http://www.eli-alps.hu).**