

The ELI (Extreme Light Infrastructure) Project is an integral part of the European plan to build the next generation of large research facilities. ELI-Beamlines is a cutting-edge laser facility that is currently being constructed in Dolní Břežany (on the southern border of Prague); its commissioning is scheduled for end of 2017. ELI will be delivering ultra-short, ultra-intense laser pulses lasting typically a few tens of femtoseconds (up to 150 fs) with peak power projected to reach 10 PW. It will make available time synchronized laser beams over a wide range of intensities for multi-disciplinary applications in physics, medicine, biology, material science etc. The high laser electric field intensities of the laser pulse will be also used for generating secondary sources of  $e^-$  and  $p^+$  and high-energy photons.

Control system team is responsible for control of systems used in ELI Beamlines. The latest state of the art technologies are used for this task and we are looking for new colleagues:

## System administrator

### Job description:

- administration of Linux based servers and Windows based computers, including OS deployment and setup and software maintenance
- support a network of about 100 Linux computers including embedded systems, network integration and also troubleshooting of hardware/software issues.
- setting up customized solutions
- a solid background of software packages and experience in automation of systems/software installations
- service-orientated attitude, a structured way of working and able to work to tight deadlines are key requirements
- preparing documentation for control system
- potentially writing software in scripting languages

### Requirements:

- excellent knowledge of Linux/Unix systems, capability to install and deploy Linux kernel from source, including RT patches
- good knowledge of Windows environment
- good programming/scripting skills including Perl/Python/Bash.
- good knowledge of networking environment
- good working knowledge of English (written and verbal)
- certifications in UNIX or Linux administration is an advantage

### Job conditions:

- the opportunity to participate in this unique scientific project
- career growth, professional education
- 5 weeks of holidays and other employee benefits
- pleasant work environment

Applications, containing CV, cover letter, contacts of references, and any other material the candidate considers relevant, should be sent to Mrs. Jana Ženíšková ([jana.zeniskova@eli-beams.eu](mailto:jana.zeniskova@eli-beams.eu), +420 601 560 322).

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>