

Application and Server Administrator

Job Background

- ELI (Extreme Light Infrastructure) will be the “CERN of laser-based research”
- ELI has three pillars: ELI-Beamlines in Czech Republic, ELI-NP in Romania and ELI-ALPS, currently under construction, in Szeged, Hungary
- Current work focuses upon preparation and planning for full operational state
- Operation will start in 2016, users will arrive in 2018
- ELI-ALPS will operate as a user facility including electron dynamics studies
- ELI-ALPS will open new research fields and make new scientific approaches feasible
- Possible scientific and industrial application areas include biology, chemistry, climate research, energy, development of new materials, semiconductors, optoelectronics and many more.

Job Requirements

- Master's degree in Computer Science/related fields (or close to graduation)
- Relevant experience in:
 - Software and System Administration, particularly Linux
 - Scripting (bash, Python, etc.)
 - Virtualization technologies (Docker, Openstack)
 - Working with development, testing and production environments
 - Communication networks and protocols
 - Source code version management (git, svn, etc.)
 - Build tools (make, automake, Ant, Maven, etc.)
- The ability to work well within a team as well as being an independent and creative worker
- Good work ethic and having a positive attitude
- Ability and willingness to learn new technologies
- Outstanding problem solving skills
- Excellent oral and written communication skills
- Good command of English
- Flexibility and the ability to cope with heavy workload

Non-essential but preferred experience

- Windows System Administration
- Programming (especially Python and C++)
- TANGO and/or other SCADA systems
- electronics and/or physics

Job Description

The candidate will be expected to

- develop and operate development, testing and production environments
- support software engineers, testers and users on a daily basis
- participate in the coordination of the work of suppliers, elicitation and communication of requirements and issue resolution
- work well in teams including close collaborations with other scientists and engineers
- cooperate with product vendors and collaborate with teams of international scientists
- work within production deadlines

ELI-ALPS offers

- cutting-edge and unique infrastructure
- an opportunity to participate in the support of novel cutting-edge research
- an international team of scientists and engineers with a really diverse background
- unprecedented challenges
- a competitive salary
- attractive fringe benefits
- a pleasant working environment in a brand new infrastructure

Application protocol

In case of any technical question, further professional elaboration and informal discussion on this position, please contact Lajos SCHRETTNER (lajos.schrettner@eli-alps.hu) or Diána TÓTH (diana.toth@eli-alps.hu).

If you are interested in the position, please fill in our Career Site with your professional data at <http://www.eli-alps.hu/career/>.

Europass format would be appreciated (CV, motivation letter) but not obligatory.

Further Information



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3D Animation



Construction Site Video