Elettra Sincrotrone Trieste

SENIOR SYSTEM ADMINISTRATOR

Deadline: 15 April 2022
Ref: IA/22/8

Company description

Elettra Sincrotrone Trieste is an international multidisciplinary research center operated as a user facility, featuring a 2.0/2.4 GeV, third-generation synchrotron light source (Elettra), a new free-electron laser light source (FERMI) and a variety of support laboratories. The extremely high quality of the machines and beamlines has set new performance records and has been producing results of great scientific and technological interest. In order to allow the laboratory to remain competitive in the next 20 years, an entirely new source - Elettra 2.0 - belonging to the new generation of storage rings (DLSR or Diffraction Limited Storage Ring) is being developed. The new source will exhibit a major increase in the brilliance and coherence fraction of the photon beams. The Elettra 2.0 optics is based on our enhanced symmetric six bend achromat structure (S6BA-E) with a 12-fold symmetry and an emittance of 200 pm-rad at 2.4 GeV. The new structure creates also straight sections in the arcs permitting the installation of additional insertion devices, thus increasing the number of beamlines. Existing beamlines will have to be upgraded and new beamlines developed to take full advantage of the characteristics of Elettra 2.0. The new machine is scheduled for commissioning in the second half of 2026. See http://www.elettra.eu for more information.

Job description

The successful candidate will be part of the team of system administrators within the IT Group.

The candidate will give support to users for the configuration and use of their computers and will collaborate with the other system administrators in designing, deploying and running company-wide services, including the network-related ones.

In her/his activity she/he will implement and use:

- systems based on GNU/Linux;

- virtualization systems based on Proxmox and Xen;

- backup, monitoring and inventory systems based on Opensource software;

- monitoring systems based on Opensource software;

- Windows server and client installations;

- centrally managed antivirus and antimalware applications;

- cloud storage, e-mail and antispam services hosted on the premises;

- administration software (ERP, Payroll, document management, digital signature, PEC);

- access control infrastructure based on proprietary software.

She/he will collaborate with the other system and network administrators in the development or renewal of the IT infrastructure.

She/he will collaborate in solving issues related to the interaction or integration of new software with legacy one and with different versions of the operating systems.

She/he might also be asked to perform rack installation and cabling of servers, network devices and any other needed accessories.

CERTIFIED
MANAGEMENT SYSTEM

CQY
CERTIQUALITY

UNI EN ISO **9001:2015**
UNI ISO **45001:2018**

Qualifications

Applicants must have a Diploma awarded by an industrial or professional institute in electronics, telecommunications, computer science or related field, or a Bachelor or Master's degree in computer science, electronics, telecommunications, computer engineering, or related field.

The position requires documented experience in the following areas:

- installation and administration of client and server systems based on Unix-like operating systems, such as, for example, CentOS, Debian and Ubuntu Linux distributions;

- installation, administration and end-user support of client and server systems based on Microsoft Windows and included in a Windows Server Domain;

- configuration of remote connections via RDP and/or VNC between computers running different Operating Systems;

- computer networking;

- use of virtualization systems such as, for example, Proxmox and Xen;

- installation of endpoint security software with centralized management;

- management of the on-premise installation and end-user support of cloud storage system;

- configuration and use of backup on network-based systems.

Advantages over other candidates will be given by previous documented experience in the following areas:

- deployment and management of Windows Domain Controllers;

- database installation and administration, with special reference to MySQL and Oracle;

- management of Access and Presence Control Systems;

- configuration and use of health and status monitoring systems, with special reference to Opensource software such as Nagios/Icinga, Zabbix, Prometheus;

- digital signature systems and PEC;

- administration of directory services;

- certifications in the field of IT and Networking.

The successful candidate must have team-working attitude, be proactive in problem solving, react quickly to emergencies, demonstrate ability to report clearly and efficiently the workflow, be available for on-call periods, if needed.

A fluent knowledge of written and spoken Italian and English is mandatory.

The appointment envisioned is a permanent position, although in the absence of fully qualified candidates a term position might be considered.

The salary will be commensurate with the previous experience and qualifications of the candidate.

Applications should include a full curriculum vitae and the names and contact information (including electronic mail) of possible one reference.

Due to the situation related to the COVID-19 virus, the interviews will be organized by video conference call.

The deadline for the submission of the application is April 15, 2022.

In accordance with the provisions of article 21 of the Italian legislative decree no. 39/2013 and in conjunction with article 53 (subsection16ter) of Italian legislative decree no. 165/2001, employees or former employees of any Italian Public Entity who have exercised authority over Elettra Sincrotrone Trieste S.C.p.A. or have negotiated with Elettra - Sincrotrone Trieste S.C.p.A. within the last three years will be excluded from the present selection procedure.We thank all applicants in advance.
For more information, please contact Roberto Pugliese (email: roberto.pugliese@elettra.eu).

To apply for this position please visit the following link:
https://www.elettra.trieste.it/it/about/careers/working-withus.html?id=2481

CERTIFIED
MANAGEMENT SYSTEM

CQY
CERTIQUALITY

UNI EN ISO **9001:2015**
UNI ISO **45001:2018**

Elettra - Sincrotrone Trieste S.C.p.A.

S.S. 14 Km 163,5 in Area Science Park
34149 Basovizza, Trieste, Italy
T. +39 040 37581
F. +39 040 938 0903

P.IVA e C.F. IT00697920320
Cap. Soc. € 47.632.663,00 i.v.
PEC: sincrotrone.trieste.elettra@legalmail.it
www.elettra.eu

Iscritta al Registro delle Imprese di Trieste
Società di interesse nazionale
ai sensi dell'art. 10, comma 4,
L. 19 ottobre 1999 n. 370