



**UNIVERSITÉ  
DE GENÈVE**

FACULTÉ DES SCIENCES  
Département d'astronomie

## Linux System Administrator

The Department of Astronomy of the University of Geneva is opening a system administrator full-time position to strengthen his Information System (IS) team. The Department of Astronomy is a major player in many areas of research, such as extrasolar planets, cosmology, stellar and galaxy evolution, black holes and other high-energy phenomena. It is hosting several data processing centers contributing to the data analysis of European Space Agency (ESA) astrophysics missions. It is involved in the development of scientific instrumentation for ground and space-based telescopes.

### **With the team of five system administrators, you will be in charge of**

- maintaining and developing an efficient computing system, including an HPC facility and a number of services
- monitoring emerging technology, selecting and implementing new solutions when appropriate
- ensuring the system security and backups
- the full range of activities, including purchases, physical installation and cabling, system installation and tuning, software library and tool deployment
- supporting the more than 700 on and off-site users
- collaborating with the data processing groups for implementing project specific solutions.

### **Your Experience / Qualifications:**

- A degree in computer science or equivalent
- Deep knowledge of Red Hat family Linux operating systems
- Excellent communication skills with people from different cultural and professional backgrounds
- A very good level of written and spoken French and English
- Knowledge of the following tools will be assets
  - Red Hat IDM/FreeIPA
  - Red Hat Satellite/Spacewalk
  - Virtualization (oVirt)
  - Docker and Singularity
  - OpenStack
  - BeeGFS (or other distributed filesystems)

For further information, please contact [Pierre.Dubath@unige.ch](mailto:Pierre.Dubath@unige.ch).

Candidates should send a letter of motivation, a CV and the names and coordinates of three references by e-mail to [Pierre.Dubath@unige.ch](mailto:Pierre.Dubath@unige.ch). Applications are accepted until the position is filled.