CDS – ASTERICS Software developer position

Software developer (M/F)

- Publication: 25 January 2018
- Location: Strasbourg
- Duration: 1 year
- Starting: as soon as possible
- Salary: from 1600 euros net / month (depending on the degree and the experience)
- Education: Master or more
- Experimented or beginner

Application: CV and motivation letter to andre.schaaff @ astro.unistra.fr before 16 February 2018

The Strasbourg Astronomical Data Center (CDS) manages large databases that serve as a reference for the international astronomical community. The CDS develops online services that provide access to these databases and exploit them (http://cds.unistra.fr/). CDS's users include space agencies (the European Space Agency (ESA) and NASA), the main observatories, such as the European Southern Observatory (ESO), and all the astrophysical research institutes with an observational component. The CDS also has, in-house, a strong activity of R&D and development of tools essential to the daily work of the team.

The CDS participates in many international projects including the ASTERICS European project and the candidate will be recruited within the framework of this project.

Mission

As member of a team of software engineers, documentalists and astronomers, you are responsible for developments within the framework of the European project ASTERICS (H2020).

Activities

- Participation in the analysis
- Python development and integration of external tools
- JavaScript development of the user interface
- Regular exchanges with internal and external people
- In-depth tests and documentation of developments

Skills

- Proven experience in Python development
- Knowledge and practice of Web development technologies
- Appreciated knowledge of Python Notebook
- Ability to structure the work and to integrate tools and libraries where possible
- Knowledge in databases
- English read and ability to present a work
- Technical collaborations in English for the European project
- Human skills