

Job Title: Copernicus Ground Segment Engineer

Req ID 7303 - Posted 25/01/2019



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Earth Observation Programmes.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

Post

Copernicus Ground Segment Engineer

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESRIN, Frascati, Italy

Description

Copernicus Ground Segment Service Engineer, Copernicus Ground Segment Operation Services Section, Copernicus Ground Segment & Data Management Division, Mission Management & Ground Segments Department, Directorate of Earth Observation Programmes.

As part of the ESA team responsible for Copernicus Space Component Ground Segment operations, the postholder will participate in the preparation and follow-up of activities associated with that Segment's operations, maintenance and adaptation.

Duties

The main duties will be:

- contributing to activities necessary to operate, maintain and develop the Copernicus Space Component mission data flows, ensuring end-to-end operations performance and robustness;
- contributing to activities related to the definition, industrial implementation and verification of the transition of Copernicus Ground Segment operational systems to a cloud architecture;
- contributing to re-engineering data production software activities for adaptation to a cloud environment;
- managing the relevant procurements, from invitation to tender to contract kick-off and contract execution phase;
- contributing to management of collaborative Ground Segment technical agreements and operational interfaces;
- contributing to management of Ground Segment technical operational interfaces with international partners;
- contributing to reporting and risk management of Space Component operations in relation to activities performed under own responsibility.

Technical competencies

Experience in design, development and maintenance of EO Ground Segment Systems and Operations
Experience in architecting scalable and distributed systems for big data operations
Experience in cloud computing technologies
Experience with satellite payload data processing and data management operations

Behavioural competencies

Communication
Planning & Organisation
Problem Solving
Teamwork
Innovation & Creativity

Education

Applicants should have a Master's degree or equivalent qualification in engineering or Earth data science together with 5 to 10 years' experience in space mission engineering and operations.

Additional requirements

Candidates should have:

- strong problem-solving skills to deal with day-to-day operational challenges, together with demonstrated planning and organisational skills
- the ability to manage challenging situations proactively and constructively and be customer focused.
- good interpersonal skills and proven ability to apply these to interactions within a team and across teams in an international environment

Five to ten years' proven experience in one of the mentioned areas, experience in other areas being considered an asset.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the ESA Competency Framework.

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

The Agency may require applicants to undergo selection tests.

The closing date for applications is 22 February 2019.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada and Slovenia.

According to the ESA Convention the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented Member States. (<http://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.