

Job Title: Spacecraft Operations Engineer

Req ID 9461 - Posted 26/02/2020



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Operations.

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

Spacecraft Operations Engineer

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

Location

ESOC, Darmstadt, Germany

Description

Spacecraft Operations Engineer in the Solar System & Exploration Missions Division, Mission Operations Department, Directorate of Operations.

The Division is responsible for the design, implementation and operations of the flight operations ground segment and the satellite mission operations for all ESA interplanetary missions, typically from start of Phase B through in-flight commissioning to routine mission operations until end of mission.

Duties

You will be initially assigned to the Juice Spacecraft Operations Unit, reporting to the Spacecraft Operations Manager (SOM).

Tasks will include:

- assisting the SOM in the definition, preparation and execution of mission operations assigned to the Unit;
- assisting the SOM in the specification, development, validation, maintenance and evolution of the ground segment systems and operational products required to conduct mission operations;
- interfacing with other ESOC areas, the user community, external centres and/or agencies for all aspects related to domain of responsibilities;
- supporting the SOM(s) in the reviews and preparation of other missions delegated to the Division.

Technical competencies

Knowledge of mission, spacecraft and/or payload operations

Understanding of development and maintenance of ground infrastructure and/or software systems

Knowledge of large operations and associated software systems, preferably space-based

Behavioural competencies

Planning & Organisation

Problem Solving

Teamwork
Responsible Decision-Making
Systems & Broader Business Thinking

Education

A Master's degree or equivalent qualification in engineering or physics.

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 you to undergo selection tests.

The closing date for applications is 25 March 2020.

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.