

Job Title: Space Debris Analyst

Req ID 9921 - Posted 14/04/2020



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

Space Debris Analyst

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

Location

ESOC, Darmstadt, Germany

Description

Space Debris Analyst in the Space Debris Office in the Space Safety Programme Office, Directorate of Operations.

Duties

Reporting to the Head of the Space Debris Office, you will have the following responsibilities:

- coordinating and enabling the office's cross-project support, especially for validation of space debris mitigation requirements and bespoke analyses;
- supporting the management of debris-related activities under ESA's Space Safety Programme, especially activities in the Core element and the CREAM cornerstone;
- supporting the office's involvement in the Spanish Space Surveillance and Tracking (S3T) project;
- specification, procurement and management of contracts, and related proactive interfacing with contractors and customers;
- supporting the maintenance and further upgrading of space debris software and databases;
- contributing to the development of international space debris mitigation standards;
- supporting and managing outreach and training activities addressing space debris;
- participating in operational support activities;
- managing quality assurance tasks in your area of responsibility.

Technical competencies

Knowledge of space debris tools and database systems, as well as orbital mechanics

Software engineering methods and tools

Knowledge of the technical and programmatic requirements of ESA programmes/projects

Management of service contracts

Management of industrial activities including reviews

Understanding of system requirements and interfaces

Behavioural competencies

Innovation & Creativity

Problem Solving

Responsible Decision-Making

Strategic vision & business context

Developing & motivating people

Education

Master's degree or equivalent qualification in engineering, sciences, mathematics or equivalent.

Additional requirements

An excellent background in space debris aspects with several years of demonstrated work experience is mandatory.

- Knowledge of spacecraft design and operation
- Astrodynamics software development
- Knowledge of cost and schedule aspects related to area of responsibility
- Knowledge of ESA technology programmes and the organisation of R&D activities
- Knowledge of the industrial landscape and ability to define technology development roadmaps identifying future trends in technology requirements
- Project and risk management

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 12 May 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.