

Job Title: System Engineer

Req ID 8721 - Posted 08/05/2019



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Technology, Engineering and Quality.

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

System Engineer

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

This position forms part of ESA's Advance Recruitment Scheme which is established to provide appropriate staffing resources when requirements materialise.

Appointments are therefore made for an initial duration of two years upon which the selected candidate may be appointed to a permanent post in the Agency.

Location

ESTEC, Noordwijk, The Netherlands

Description

Systems Engineer in the Small Satellite Platform Unit, Projects Office, Systems Department, Directorate of Technology, Engineering and Quality.

The Projects Office provides functional support to ESA projects and carries out technological research (R&D) in the field of small satellites.

Duties

Reporting to the Head of Unit and within the technical fields described above, the main tasks and responsibilities of the post holder will include:

- providing expert technical support and consultancy to ESA projects, programmes and general studies in the field of system engineering for in orbit demonstration and small satellites throughout all project phases;
- participating in feasibility studies, project reviews and evaluation of procurement proposals;
- managing and participating to the system team for in orbit demonstration projects of the unit in all phases;
- contributing to the definition of technology development requirements and work plans for the Agency's technology programmes;
- initiating and managing R&D activities covering both long- and short-term needs;
- monitoring applicable scientific and technological trends in small satellite and technologies and maintaining a state-of-the-art expertise;
- contributing to the transfer of knowledge across the Agency.

Duties may also include supporting other activities within the post holder's field of competence.

Technical competencies

General background and specific experience in the technical domains covered by the position

Hands-on hardware experience

Understanding of related technologies, R&D trends and the industrial landscape

Project support experience in a relevant domain

Spacecraft systems knowledge

Experience in the management and monitoring of industrial activities, including participation in reviews

Experience with Space Engineering Standards and their preparation and implementation

Behavioural competencies

Communication
Teamwork
Customer Focus
Innovation & Creativity
Problem Solving
Results Orientation
Planning & Organisation
Continuous Learning

Education

A Master's degree or equivalent qualification in aerospace engineering or a major scientific discipline is required.

Additional requirements

Knowledge of the small spacecraft missions and of the avionics domain including AOCS is 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 05 June 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, 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.