

Job Title: System Architecture Analyst

Req ID 7021 - Posted 21/06/2019



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

System Architecture Analyst

This post is for a limited duration of 4 years, non-renewable, and is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, The Netherlands

Description

System Architecture Analyst in the System Architect Office in the Future Systems Department, Directorate of Earth Observation Programmes.

Duties

The postholder will report to the Head of the System Architect Office and duties will notably include:

- working in a multi-disciplinary team in active cooperation with other staff of the Directorate and of ESA, as well as in cooperation with industry and research communities in the framework of ESA EO programmes.
- providing in-depth analyses to support the tasks of establishing and maintaining a reference architecture for European EO systems that shall encompass research missions (e.g. Earth Explorer), Copernicus and meteorological missions, (multilateral) national and commercial systems, non-orbiting platforms (e.g. High Altitude Pseudo-Satellites) and in-situ assets. This may include analyses of the system element capabilities and of the plans and interests of Member States and other stakeholders, based on their needs, requirements and constraints.
- Analysing needs and interests for different EO mission types from different actors, the economic capacity of the relevant programme funding sources, including private/commercial contributions. He/she will analyse the possibilities and opportunities for programmatic overlaps, links, and synergies.
- Supporting the mapping of industrial capacities for upstream/downstream EO segments and the analyses of business models and their interplay with institutional funding and assets performed within the Office.
- Preparing and presenting summary reports and communication materials.

Technical competencies

Familiarity with space technologies, methods, markets and related trends
Background in engineering or a relevant scientific discipline
Knowledge of EO science, products, applications and services

Behavioural competencies

Innovation & Creativity
Problem Solving
Self Motivation

Education

Applicants for this post should have a Master's degree in relevant disciplines, e.g. engineering.

Additional requirements

- 5 years' work experience in the relative domain
- Computer programming
- Ability to work autonomously

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 19 July 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 external candidates from under-represented Member States. In view of the limited duration of this post, internal candidates are strongly advised to contact their HR advisor before applying. (<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.