

## **EUROPEAN SPACE AGENCY**

### **Directorate of Technical and Quality Management**

The European Space Agency is an equal opportunity employer  
and encourages applications from women

**TITLE** System Engineer in the Systems and Cost Engineering Division, Systems, Software and In-Orbit Demonstration Department, [Directorate of Technical and Quality Management](#).

**GRADE** This position is classified in the A2/A4 grade band of 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 (Netherlands).

**DUTIES** The incumbent will be responsible for system engineering tasks in the Systems and Cost Engineering Division. The tasks of the Division are to provide system engineering support to ESA projects, from early phase studies in the Concurrent Engineering Facility (CDF) to implementation phase, to conduct R&D activities in the system engineering domain.

The incumbent will report to the Head of System and Concurrent Engineering Section and will be responsible for:

- providing system engineering support to ESA projects and programmes, initially with a focus on the Galileo Evolution Project;
- analysing, defining and specifying mission concepts covering all segments (platform, payload, ground) through internal and industrial studies;
- participating in ESA concurrent engineering studies and activities in co-operation with the Directorate's technical specialists, project teams and industry;
- investigating and promoting the application of system engineering and concurrent engineering methodologies to space projects and to complex system architectures;
- proposing, initiating and managing R&D industrial activities related to systems and concurrent engineering;
- supporting standardisation activities in the domain of systems engineering;
- promoting the use of the CDF to support ESA programmes, industry and external customers;
- contributing to system-engineering-related infrastructure definition and development initiatives, including implementation of ESA internal project planning and resource management tools;

- contributing to the dissemination of the results of the activities performed and the transfer of knowledge across the Agency;
- providing support to the Directorate's activities as required within the field of competence.

The incumbent will be part of a technical team, supported by specialists, and will therefore work in close co-operation with the Directorate's engineers, with project engineers and with external experts.

**QUALIFICATIONS** Applicants for this post should have a Master's degree or equivalent qualification in engineering or physics. Knowledge and experience in system engineering, concurrent engineering, mission design, feasibility studies and the related informatics tools and infrastructure would be an asset.

Candidates should have good interpersonal and communication skills. They should have the ability to work autonomously, effectively and cooperatively in a diverse and international team environment and to define and implement solutions in line with team and individual objectives and project deadlines. In addition, they should have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

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

**CLOSING DATE** The closing date for applications is **30 July 2014**.

Applications from external candidates for this position should preferably be made online from the ESA website ([www.esa.int/careers](http://www.esa.int/careers)). Those unable to apply online should submit their CV to the Head of the ESTEC Human Resources Division, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply for this position should fill in the Internal Application Form and email it to [Apply2ESTEC](mailto:Apply2ESTEC).

The Agency may require applicants to undergo selection tests.

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**Under ESA Regulations, the age limit for recruitment is 55. Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada.**

**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.**

**Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.**

**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.**