

## EUROPEAN SPACE AGENCY

### Vacancy in the Directorate of Technical and Quality Management

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

#### **POST**

Galileo PRS Validation Engineer in the Radio Navigation Systems and Techniques Section, RF Payload Systems and Technology Division, Electrical Engineering Department, [Directorate of Technical and Quality Management](#).

This post is classified in the A2/A4 grade band of the Coordinated Organisations' salary scale.

#### **LOCATION**

ESTEC, Noordwijk (The Netherlands).

#### **DUTIES**

The postholder will be initially assigned as integrated support to the Galileo Project Office and report to the GNSS System Security Unit in the Galileo Security Office, Galileo Programme Department, Directorate of the Galileo Programme and Navigation related activities and will be in charge of:

- coordinating and participating to the activities related to the validation of the Public Regulated Serviced at end-user level, including navigation performance, Signals Characteristics and access control aspects;
- planning the associated PRS validation test campaigns including the definition of the associated test plans, test cases and test procedures in coordination with the Mission operations teams;
- coordinating and executing the associated PRS validation test campaigns taking into account the security constraints and preparing the associated test reports in support of the Operations Service Readiness Reviews;
- ensuring the availability of the necessary system tools including the PRS Test User Receivers as well as all necessary tools to support end-user performance validation;
- coordinating and executing activities in the PRS Laboratory at ESA/ESTEC to be used as a reference set-up for the measurements (i.e. Signals and Performance) campaigns using test user receivers conducted in the field;
- participating to ESA and EU working groups dealing with space security matters, and in particular with the Galileo Security Board Working Groups, and support the EC in preparing and implementing the PRS Service Implementation Plan;
- supporting other Members of the Galileo Security Office for the execution of the following activities:
  - PRS User Segment Security Accreditation Activities (GSAP-GF4);
  - execution of Security Chain activities related to PRS;
  - development and implementation of Security Elements linked to the PRS chain (KMF, GRCP, GSMC, TUR-P, PRS Receivers);
  - execution of Routine Security Operations and Services related activities;
  - execution of MS Experimentation security activities.

- regular reporting to the Head of the GNSS System Security Unit.

## QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in Telecommunications engineering and a good background in satellite navigation, signals and security engineering applied to space systems together with a substantial experience in Phase C/D Projects.

Knowledge of user receiver techniques for satellite navigation systems (Galileo, GPS) is also a prerequisite.

Previous involvement in field tests and demonstration campaigns for space security systems preferably in the field of satellite navigation.

Candidates are expected to be able to set priorities and identify practical solutions. They should be able to work autonomously as well as in a team environment.

Applicants should have good organisation and communication skills, a proactive attitude to solving problems and an interest for innovative technologies.

Candidates must be eligible to security clearance by their national security administration.

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 is an asset.

## CLOSING DATE

The closing date for applications is **02 January 2014**.

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

ESA staff members wishing to apply for this post should fill in the [Internal Application Form](#) and email it to [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.**

**Priority will be first 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.**