



ESA/VN-ESTEC(2014)018, REV. 1  
Paris, 12 March 2014  
Reissued: 30 June 2014  
(English only)

## **EUROPEAN SPACE AGENCY**

### **Vacancy in the Directorate of the Galileo Programme and Navigation related activities**

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

#### **POST**

Navigation and Data Processing Segment Engineer in the EGNOS and SBAS Division, EGNOS & GNSS Evolution Programme Department, Directorate of the Galileo Programme and Navigation related activities.

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

#### **LOCATION**

ESTEC, with resident assignment in Toulouse (France).

#### **DUTIES**

The postholder will be deployed in the Development and AIV Section of the EGNOS and SBAS Division Navigation, and will report to the Navigation and Support Segments Manager.

The incumbent will be primarily responsible for:

- following and managing the industrial activities in the area of specifications, design, development and validation for the EGNOS V2 Central Processing Facility (CPF) Software sets and Hardware equipment;
- ensuring that the System Platform EGNOS Evolutions and Development (SPEED) Navigation Kernel releases are produced and used in coherence with the equivalent CPF releases;
- supporting the various Navigation kernels experimentation conducted using SPEED in the frame of EGNOS V2 & V3, Africa and other test beds;
- supporting the management at technical level of the industrial activities in the area of specifications, design, development and validation for the EGNOS V3 Software components and Hardware equipment part of the Data Processing Segment (DPS);
- ensuring that the CPF/DPS Applications and Commercial off the Shelves (COTS) critical software meet the ESA and EGNOS development, certification and applicable navigation standards;
- acting as the referent in the area of navigation performance allocated to CPF/DPS and supporting at system level the project team in the area of navigation and services performance assessment;
- contributing to Research and Development activities by proposing navigation kernel experimentations and improvements for supporting the various Navigation Test Beds activities of the Department;

- supporting the system Qualification, Safety and AIV engineers in his area of expertise.

## QUALIFICATIONS

Applicants for this position should have a Master's degree or equivalent qualification in Engineering, physics or Computer science with proven knowledge and experience in the fields of Navigation and related data processing and performances aspects. It is also required to have sufficient knowledge of the Civil Aviation domain (mission, organisation, standards, etc...).

Experiences in SBAS Systems, procurement of industrial activities, in safety critical software and real-time software development and verification is an asset.

Candidates are expected to demonstrate organisation skills, good practical sense, being able to work effectively in a team and be able to autonomously take decision in his field of responsibility.

A willingness to travel and the capability to work in a demanding international environment are also important attributes.

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 **28 July 2014**.

Applications from external candidates for this post should preferably be made [online](http://www.esa.int/careers) from the ESA website ([www.esa.int/careers](http://www.esa.int/careers)). Those unable to apply online should submit their CV to Human Resources, 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](mailto:Apply2ESTEC).

The Agency may require applicants to undergo selection tests.

---

**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 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.**