

## **EUROPEAN SPACE AGENCY**

### **Vacancy in the Directorate of Telecommunications and Integrated Applications**

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

#### **POST**

Mobile System Engineer in the Mobile and Secure Communications Section, Future Projects Division, Telecommunications Technologies, Products and Systems Department, [Directorate of Telecommunications and Integrated Applications](#).

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

#### **LOCATION**

ECSAT, Harwell (United Kingdom).

#### **DUTIES**

The postholder will report to the Head of Mobile and Secure Communications Section and will be responsible for the analysis, definition, initiation and management of industrial activities, associated to new mobile and secure communication systems, in particular, in the area of aeronautical telecommunications.

Specific responsibilities of the incumbent include:

- monitoring and assessing the needs and potential for future mobile and secure communication systems, particularly in the area of aeronautical communications, as well as initiating and managing studies on associated system concepts;
- analysing and preparing proposals for new mobile/secure satellite telecommunication projects, including the definition of mission requirements;
- contributing to the definition, planning and implementation of aeronautical telecommunications standardisation activities;
- defining all elements associated with the end-to-end mission/system architecture of new mobile/secure satellite projects/systems. Assessment and analysis of the best concepts and technical solutions to meet the defined mission and system requirements;
- assessing the potential and benefits of new mobile techniques/technologies and security concepts at system level. Performing trade-offs between different concepts/technologies to optimising the end-to-end system;
- negotiating, monitoring and controlling contracts and activities related to new mobile/secure satellite projects;

- acquiring and developing end-to-end system engineering expertise in the development of new mobile/secure satellite system concepts and in new ESA Projects/Programmes.

## QUALIFICATIONS

Applicants for this post should hold a Master's degree or equivalent qualification in engineering and substantial experience in satellite telecommunication systems, preferably in the definition and implementation of space and/or ground segment of mobile/secure systems for aeronautical communications. Specific experience in the satellite telecommunication commercial market development is desirable.

Candidates shall demonstrate:

- innovation and creativity;
- pragmatic approach with strong analytical capabilities;
- excellent organisational and decision making skills;
- strong results orientation;
- proven ability to build positive relationships;
- excellent communication skills.

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 **27 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 [Apply2ECSAT](mailto:Apply2ECSAT).

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.**