

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

Radio Navigation System Engineer in the Radio Navigation Systems and Techniques Section, RF Payload Systems 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 deployed in the Radio Navigation Systems and Techniques Section and will be responsible for radio navigation systems, techniques, equipment for ground and space applications.

The principal tasks and responsibilities will include :

- support to Navigation Projects (e.g. EGNOS and GALILEO) for system design and validation;
- support to Navigation Projects (e.g. EGNOS and GALILEO) through participation in studies, simulations and laboratory testing for the assessment of end-to-end functionalities and performance, including measurement campaigns, data processing and field testing;
- support to Navigation Projects (e.g. EGNOS and GALILEO) for the design, simulation, development and testing of radio navigation equipment and techniques for ground/space applications;
- participation in studies supporting current and future radio navigation systems definition and/or analysis (EGNOS/GALILEO evolutions and GPS modernisation) regarding system, signals-in-space design and ground processing;
- contribution to the generation of innovative ideas in the field of radio navigation;
- monitoring of contracts with industry for studies on radio navigation concepts and for the development of radio navigation tools and equipment;
- generation of technical requirements and statements of work for the tasks to be performed by industry from early conceptual studies through to full development of hardware;
- contribution to the development/usage of laboratory facilities in support to the development testing of radio navigation systems.

QUALIFICATIONS

Applicants for this post should have a Master's university degree or equivalent qualification in telecommunications or electrical engineering, with a good background in (satellite) radio navigation systems (GPS, EGNOS, GALILEO) as well as several years' working experience in these fields.

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

Applicants shall be eligible for security clearance from their National Authority.

The working languages of the Agency are English and French. A good knowledge of one of these two languages is required. Knowledge of another member state language is an asset.

CLOSING DATE

The closing date for applications is **18 July 2013**.

Applications from external candidates for this post should preferably be made [on-line](#) at the ESA Web Site (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.

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.