

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, Radio Navigation Systems & Techniques Section, Radio Frequency Systems, Payload & Technology Division, Electrical Engineering Department, [Directorate of Technical and Quality Management](#).

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

LOCATION

ESTEC, Noordwijk (Netherlands).

DUTIES

Reporting to the Head of the Radio Navigation Systems and Techniques Section, the postholder will be responsible for radio navigation systems, techniques and equipment for ground and space applications.

The main tasks and responsibilities will include:

- supporting navigation projects (e.g. EGNOS, Galileo) in system design; participating in studies, simulations and laboratory testing to assess end-to-end functionalities and performance levels, including measurement campaigns, data processing and field testing; design, simulation, development and testing of radio navigation equipment and techniques for ground/space applications;
- participating in studies supporting the definition and/or analysis of future radio navigation systems (for EGNOS/Galileo evolution and GPS modernisation) regarding system, signals in space design and ground processing;
- contributing to generating innovative ideas in the field of radio navigation;
- monitoring contracts with industry for radio navigation concept studies and corresponding tools/equipment development;
- generating technical requirements and statements of work for tasks to be performed by industry from early concept studies through to full hardware development;
- contributing to the development/use of laboratory facilities in support of development testing of radio navigation systems;
- contributing to the dissemination of the results of activities performed and knowledge transfer across the Agency.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in telecommunications or electronic engineering, with a good background in (satellite) radio navigation systems (e.g. GPS, EGNOS, Galileo) together with several years' working experience in these fields.

Candidates should have good interpersonal and communication skills. They should be able 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.

Applicants should also have good analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

Candidates must be eligible for security clearance from 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 would be an asset.

CLOSING DATE

The closing date for applications is **8 July 2015**.

Applications from external candidates should preferably be made [online](#) from the ESA website (www.esa.int/careers). Those unable to apply online should submit their CVs to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply 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 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.