

## EUROPEAN SPACE AGENCY

### Vacancy in the Directorate of Technology, Engineering and Quality

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

#### **POST**

Radio Navigation Engineer in the Radio Navigation Systems & Techniques Section, Radio Frequency Systems Division, Radio Frequency Systems and Payloads Office, Electrical Department, [Directorate of Technology, Engineering and Quality](#).

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

#### **LOCATION**

ESTEC, Noordwijk (Netherlands).

#### **DUTIES**

The Radio Navigation Systems and Techniques Section provides functional support to ESA projects and performs technological research (R&D) on radio navigation systems, techniques and equipment for ground and space applications.

Reporting to the Head of Section and within the above technical fields, the postholder's tasks and responsibilities will include:

- supporting navigation projects (EGNOS, Galileo) in system design and development; participating in studies, simulations and laboratory testing to assess end-to-end functionalities and performance, including measurement campaigns, data processing and field testing; design, simulation, development and testing of radio navigation equipment, techniques for ground/space applications;
- participating in studies supporting the definition and/or analysis of future RN systems (EGNOS/Galileo evolution, GPS modernisation) regarding system, signals in space, user technologies;
- contributing to generating innovative ideas in the field of RN;
- generating technical requirements and statements of work for tasks to be performed by industry from early concept studies through to full hardware development;
- monitoring contracts with industry for RN concept studies and corresponding tools/equipment development;
- contributing to development/use of laboratory facilities in support of development testing of RN systems;
- monitoring applicable scientific and technological trends, maintaining state-of-the-art expertise;

- contributing to the dissemination of 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 sound background in (satellite) radio navigation systems (GPS, EGNOS, Galileo) plus several years' work experience in these fields.

Candidates should have good interpersonal and communication skills. They should be able to work effectively, autonomously and cooperatively in a diverse and international team environment, defining and implementing solutions in line with team and individual objectives, as well as project deadlines.

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

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

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 **18 april 2017**.

Applications from external candidates should preferably be made [online](#) 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 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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**Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Slovenia, 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.**