

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 System Engineer in the Radio Navigation Systems Implementation and Verification 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.

This position forms part of ESA's Advance Recruitment Scheme which is established to provide appropriate staffing resources when requirements materialise. Appointments are therefore made for an initial duration of two years after which the selected candidate may be appointed to a permanent post at the Agency.

LOCATION

ESTEC, Noordwijk (Netherlands).

DUTIES

The Radio Navigation Systems Implementation and Verification Section provides functional support to ESA projects and carries out technological research (R&D) in the fields of RN systems, techniques and equipment for ground applications.

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

- supporting navigation projects (e.g. EGNOS, Galileo) with the following activities:
 - system implementation and verification;
 - participation in studies, simulations and laboratory testing to assess end-to-end functionalities and performance, including measurement campaigns, data processing and field testing;
 - development and validation of radio navigation equipment and techniques for ground applications;
- monitoring contracts with industry for radio navigation studies for the development of RN tools and equipment;
- generating technical requirements and statements of work for tasks to be performed by industry, from initial design to full hardware development;
- contributing to the development/use of laboratory facilities in support of the development and testing of radio navigation systems;
- monitoring applicable scientific and technological trends, maintaining state-of-the-art expertise;
- contributing to the dissemination of the results of the activities performed and the transfer of knowledge across the Agency.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in telecommunications or electronic engineering. Some experience of the development and testing of (satellite) radio navigation systems (GPS, EGNOS, Galileo), together with several years' work experience in these fields in particular in the C/D phases of space projects, will be considered an asset.

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. They should also demonstrate a high degree of professional curiosity and a strong interest in learning.

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

Candidates must be eligible for security clearance from their national security administration.

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

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

CLOSING DATE

The closing date for applications is **18 May 2017**.

Applications from external candidates should preferably be made [online](#) from the ESA website (www.esa.int/careers). Those unable to apply on-line 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.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

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.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.

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.