

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

Antenna Engineer in the Antenna and Sub-Millimetre Waves Section, Radio Frequency (RF) Payloads and Technology Division, RF 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 Antenna and Sub-Millimetre Waves Section provides functional support to ESA projects and carries out technological research in the area of space antenna systems, sub-millimetre wave instruments and associated technologies.

Reporting to the Head of the Section and within the technical fields described above, the main tasks and responsibilities of the post holder will include:

- providing expert technical support and consultancy to ESA projects, programmes and general studies throughout all project phases;
- participating in project reviews and performing “in-house” design and trade-offs to support project-specific technology developments;
- contributing to the definition of technology developments for the Agency's technology programmes;
- defining, initiating and monitoring R&D activities covering both long- and short-term needs;
- fostering new application areas for multidisciplinary activities, placing emphasis on innovative concepts, cutting-edge technologies and system architectures;
- monitoring applicable scientific and technological trends and maintaining state-of-the-art expertise;
- contributing to the definition of relevant infrastructure requirements in terms of testing and numerical simulation;
- 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 electrical engineering with a comprehensive background in electromagnetic wave theory. Solid experience in antenna and sub-millimetre wave architectures and technologies as applied to aerospace programmes is 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.

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

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 **6 April 2017**.

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 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.

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.