

## 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**

Antenna Engineer in the Antennas and Sub-Millimetre Waves Section, Electromagnetics and Space Environment 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**

The postholder reports to the Head of the Antennas and Sub-Millimetre Wave Section of the Electromagnetics and Space Environment Division. The 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. The frequency domain covers the range of 100 MHz to 1 THz.

Within these technical domains, the postholder's responsibilities will include:

- providing support to projects, programmes and general studies;
- 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;
- 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 diffusion 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 have the ability 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.

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 **9 January 2015**.

Applications from external candidates for this post 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 CVs to Human Resources, 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.

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**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.**