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EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Earth Observation Programmes

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POST

Earth Observation (EO) System Engineer in the Missions and System Studies Section, Future Missions Division, Science, Applications and Future Technologies Department, [Directorate of Earth Observation Programmes](#).

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

LOCATION

ESTEC, Noordwijk (Netherlands).

DUTIES

The postholder will report to the Head of the Mission and System Studies Section in the Future Missions Division and will be involved in the end-to-end preparation of EO missions through appropriate engineering activities. The incumbent will work in close cooperation with staff within the Division as well as from other Divisions, in particular the Mission Science Division of the Directorate of Earth Observation Programmes.

Full or partial responsibilities will include some or all of the following duties:

- defining and managing activities for the overall preparation of future EO missions, including technology support activities;
- initiating and performing internal studies to assess the results of industrial activities;
- ensuring the definition and updating of the system specifications throughout the preparatory phases of EO missions, in close co-operation with other Divisions in the Department and with the relevant Science/Mission Advisory Groups;
- ensuring the technical coherency of the system design, including system level budgets, system performance analyses, definition of spacecraft and payload subsystems and related data processing;
- contributing to the evaluation of industrial and scientific proposals;
- contributing to the preparation of technical and scientific dossiers on ESA EO missions;
- contributing to the coordination of technology developments in support of EO missions;

- supporting the work of Young Graduate Trainees, Research Fellows and Contractors in the Division, in cooperation with nominated tutors as applicable.

QUALIFICATIONS Applicants for this post should have a Master's degree or equivalent qualification in engineering or physics, and some years of experience in space missions, preferably including experience with system performance evaluation and/or payload design.

Candidates should be thorough and analytical in their approach, be able to work independently, have good communication skills and strong leadership qualities. The position involves some travel, mainly within Europe.

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 March 2015**.

Applications from external candidates for this post 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 for this post 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.