

EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Telecommunications and Integrated Applications

The European Space Agency is an equal opportunity employer
and encourages applications from women

POST

Communication Systems Engineer in the Satcom Projects and Systems Section, Future Projects Division, Telecommunication Technologies, Products and Systems Department, [Directorate of Telecommunications and Integrated Applications](#).

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

LOCATION

ECSAT, Harwell (United Kingdom).

DUTIES

The postholder will report to the Head of the Satcom Projects and Systems Section. The Section is responsible for the analysis, definition, initiation and management of industrial activities associated with new satellite telecommunication projects in the Directorate.

The responsibilities of the post include:

- monitoring and assessing the need and commercial potential for future telecommunication missions and systems;
- initiating and managing prospective studies on mission concepts and system architectures, with the aim of detecting new market opportunities for Satcom systems and services;
- defining all elements related to the end-to-end mission/system architecture of new projects;
- managing preparatory activities of new telecommunication satellite programmes;
- establishing the most adequate programmatic framework for new projects, including preparation of key documentation for JCB¹ and interactions with key stakeholders (Satellite Operators/Service providers, Satellite manufacturing industry and ESA Members States Delegations);
- initiating industrial activities with regards to new projects in collaboration with the Procurement Department and other relevant departments of ESA;
- managing industrial activities associated to new projects until transfer to Phase B2/C/D;
- contributing to preparation of ARTES 1 and 5.1 work plans for system related activities;
- contributing to definition of technology roadmaps and technology knowledge base for the different Satcom market segments;
- preparing inputs to status reports;
- acquiring and further improving end-to-end system engineering expertise for the development of new system concepts in new ESA Projects/Programmes. Providing the Directorate with such expertise. Coordinating system assessment tools and TEC support;

¹ Joint Board on Communication Satellite Programmes

- coordinating the support provided by the Technical and Quality Management Directorate.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in Telecommunications Engineering.

Experience should include:

- at least 5 years of experience in the telecommunications sector, specifically with end to end satellite communication systems design and satellite platform and/or payload engineering;
- a sound knowledge of the overall space telecommunications market.

Behavioral competencies required include:

- system and strategic thinking capabilities;
- good interpersonal skills with the ability to work effectively and cooperatively in a diverse and international team environment;
- the ability to define and implement solutions in line with team objectives;
- proven organisational and planning skills;
- excellent reporting and communication skills;
- a flexible and proactive attitude towards solving problems;
- an interest in innovative technology.

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 is an asset.

CLOSING DATE

The closing date for applications is **27 January 2014**.

Applications from external candidates for this post should preferably be made [on-line](#) at the ESA Web Site (www.esa.int/careers). Those unable to apply on-line should submit their CV to the Head of the Human Resources Division, 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 [Apply2ECSAT](#).

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 be first 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.