

## ECSAT Spaceship Coordinator

**Job Req ID:** 13783

**Closing Date:** 03 March 2022

**Publication:** Internal & External

**Vacancy Type:** Permanent

**Date Posted:** 10 February 2022

Vacancy in the Directorate of Human and Robotic Exploration Programmes.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. We therefore welcome applications from a qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

### Location

ECSAT, Harwell, United Kingdom

### Description

ECSAT Spaceship Coordinator in the Studies and Technologies (ExPeRT) Team, Directorate of Human and Robotic Exploration Programmes.

The Studies and Technologies (ExPeRT) Team has the mandate to plan and implement the preparatory system studies (Phase 0, Pre-Phase A, Phase A/B1) and the technology development activities for all the ESA exploration destinations, including LEO, Cis-lunar space, the Moon, Mars and other exploration destinations as may be defined.

The Studies and Technologies (ExPeRT) Team manages the development of the EAC Spaceship, the ECSAT Spaceship and other similar low-TRL technology development initiatives.

The Spaceships are agile innovation environments allowing young researchers to quickly investigate novel operational concepts and new technologies at low cost. They exploit the wider research and industrial campuses in Cologne and Harwell. The effectiveness of the Spaceship initiative is ensured by the daily support provided to the young researchers by ESA expert engineers and the ESA astronauts.

The Spaceship at ECSAT (European Centre for Space Applications and Telecommunications) is focused on the low-TRL technology for robotic autonomous systems, as well as handling analogue samples (curation, production and characterisation) and concepts for future communication systems and robotics.

You will report to the ExPeRT Team Leader under whose delegated authority you will coordinate the ECSAT Spaceship programme and provide mentorship and guidance to the Spaceship researchers.

### Duties

- providing expertise in the area of human spaceflight and exploration technology, covering key disciplines of relevance to the ECSAT Spaceship;
- acting as ESA PoC for all matters related to the ECSAT Spaceship and coordinating activities with the other ESA Spaceships;

- providing technical support in the area of exploration, and helping with relevant project meetings, reviews and activities;
- playing a part in proposing and managing the technology R&D activities in human spaceflight and ensuring their alignment with ESA strategy;
- pursuing other future ESA development activities related to exploration as assigned the ExPeRT team leader;
- supporting exploration activities organised by HRE (workshops, round tables, etc.);
- contributing to the dissemination of the results of activities performed and the transfer of knowledge across and beyond the Agency to the science community and to the various international partners;
- facilitating transfer of information, knowledge and lessons learned in ExPeRT, HRE and ESA.

### **Technical competencies**

Multi-disciplinary knowledge of technologies for Space

Space Technologies development and PA standards

Ability to define technology development roadmaps identifying future trends in technology requirements

### **Behavioural competencies**

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

### **Education**

A Master's degree in Engineering is required or equivalent qualification

### **Additional requirements**

You should have the ability to:

- coordinate and mentor a group of young researchers/students;
- manage challenging situations proactively and constructively;
- represent the Agency in the interfacing with industry and government agencies.

### **Other information**

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.

The Agency may require applicants to undergo selection tests.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support at the workplace. The Human Resources Department can also provide assistance during the recruitment process. If you would like to discuss this further please contact us email [contact.human.resources@esa.int](mailto:contact.human.resources@esa.int).

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Please note that applications are only considered from nationals of one of the following

According to the ESA Convention, the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States\*. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented or balanced Member States\*.

(<https://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

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.

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.

\*Member States, Associate Members or Cooperating States.