



European Space Agency
Agence spatiale européenne



The European Space Agency (ESA) is seeking a

Project Scientist

Based in Noordwijk, The Netherlands

Description

The European Space Agency (ESA) is seeking a Project Scientist.

Working in the Science Support Office of the Directorate of Science, the postholder will initially be assigned to the post of ARIEL Study or Project Scientist, depending on the mission phase.

ARIEL is a mission to study exoplanets by conducting atmospheric 0.5-8.0 μm transit and eclipse spectroscopy and optical photometry. Currently in its study phase, ARIEL is being prepared for launch in 2028. Its results will supplement those of ESA's CHEOPS and PLATO missions which focus on high precision photometry of exoplanets, as well as the NASA/ESA/CSA JWST observatory mission which will perform detailed spectroscopic observations of exoplanets.

Responsibilities include:

- Providing scientific expertise and support to the ARIEL mission in all normal functions as the study or project scientist;
- Coordinating and chairing the mission's Science Team meetings and activities;
- Advising the project manager on all technical and operational aspects affecting the mission's scientific performance;
- Monitoring the progress of the implemented technology developments and industrial activities;
- Providing scientific input and guidance to the execution of ARIEL mission operations including pipeline processing, calibration and data product deliveries;
- Representing the interests of the general scientific community in ARIEL, organising activities related to their participation in the mission;

Technical competencies include:

- Knowledge of exoplanet missions and facilities
- Knowledge of infrared spectroscopic techniques
- Experience of the development of instruments for space missions and their operation and calibration
- Experience of the analysis and interpretation of ground- or space-based astronomical data
- Experience of the management of scientific teams

Education

PhD or equivalent degree in astronomy, physics or a related discipline

We offer

The European Space Agency (ESA) is an equal opportunities employer that offers competitive salaries exempt from national income tax and excellent employment conditions, such as allowances for expatriates and relocation support.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

The closing date for applications is 1st December 2019.

For a complete job description and to apply, [click here](#)

About ESA

The European Space Agency (ESA) is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world. ESA is an international organisation with 22 Member States. By coordinating the financial and intellectual resources of its members, it can undertake programmes and activities far beyond the scope of any single European country.