

Job Title: Young Graduate Trainee for Commercial Ground and User Segment Products

Req ID 3816 - Posted 19/01/2018



EUROPEAN SPACE AGENCY

Young Graduate Traineeship Opportunity in the Directorate of Technology, Engineering and Quality.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

Post

Young Graduate Trainee for Commercial Ground and User Segment Products

This post is classified F1.

Location

Noordwijk, Netherlands (NL)

Our team and mission

The RF Systems Division is part of Electrical Engineering Department and of Technical and Quality and Management Directorate.

The RF Systems Division is responsible for space instrumentation and end to end communication systems, subsystems, equipment and technologies which cover the following domains:

- Telecommunication systems and subsystems design and validation;
- Radio Navigation systems and subsystems design and validation;
- Commercial ground and user segment products for navigation, telecommunications and remote sensing;
- Systems for TT&C communication, navigation, remote sensing and scientific applications;
- Systems testing for performance evaluation or validation;
- Laboratories to test/prove concepts soundness and validation.

The Division consists of four sections and associated divisional laboratories. They are:

1. Telecommunication - TT&C systems and techniques
2. Radio navigation systems and techniques
3. Radio navigation systems implementation and verification
4. Commercial Ground and User Segment Products

This YGT Opportunity relates to the section 4).

In the Commercial Ground & User Segment team, we work with high tech companies in Europe and Canada, innovating in several space applications: Satellite Navigation (GPS, Galileo), Earth Observation (image processing tools and techniques, Big Data) and Satellite Communications (user antennas, user terminals, Internet of Things). We work mainly with start-ups and SMEs to develop key technologies, creating new business opportunities and improve their competitiveness.

In ESTEC, we have a unique access to telecom and navigation labs that combine state of the art environment with a wide range know-how.

We offer opportunities for young graduates to be exposed to leading edge technologies and applications, and as a very valuable experience to start their career in the space business.

Interested candidates are encouraged to visit the ESA website.

Field(s) of activities

The YGT will perform the following activities:

- Research leading edge technologies and commercial trends for the main space applications, and sharing the results using collaborative project tools
- Support startups and SMEs to develop innovative technologies and products for satellite navigation, Earth observation and satellite telecommunications
- Experiment with latest tools and technologies in our labs

Technical competencies

Knowledge of relevant technical domains

Relevant experience gained during internships/project work

Breadth of exposure coming from past and/or current research/activities

Knowledge of ESA and its programmes/projects

Behavioural competencies

Self Motivation

Communication

Continuous Learning

Cross-Cultural Sensitivity

Teamwork

Education

Applicants should have just completed, or be in their final year of a University course at Masters Level (or equivalent) in a technical or scientific discipline.

Additional requirements

In addition to the above competencies, applicants should demonstrate good interpersonal skills and the capacity to work both independently and as part of a team.

Applicants must be fluent in English and/or French, the working languages of the Agency. A good proficiency in English is required. Knowledge of another Member State language would be an asset.

During the interview the candidates' motivation and overall professional perspective/career goals will also be explored.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

The closing date for applications is 04 February 2018.

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

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, and the UK, or Slovenia as an Associate Member, Canada as a Cooperating State, Bulgaria, Cyprus, Latvia, Lithuania and Slovakia as European Cooperating States (ECS).
Priority will first be given to 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