

NAVISP Technology Innovation Engineer

Job Req ID: 14601

Closing Date: 16 March 2022

Publication: External Only

Vacancy Type: Permanent

Date Posted: 16 February 2022

Vacancy in the Directorate of Navigation.

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

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

Location

ESTEC, Noordwijk, Netherlands

Description

NAVISP Technology Innovation Engineer in the NAVISP Technical Programme Office, with the NAVISP Programme Office, in the Strategy and Programme Department, Directorate Navigation. NAVISP is an optional ESA programme, the objective of which is to facilitate generation of innovative Satellite Navigation/PNT proposals with participating States and industry in those countries, in coordination with the EU and its institutions.

It is implemented through three programmatic elements: Element 1 supporting P innovation, Element 2 supporting industrial PNT competitiveness, and Element 3 support national/institutional PNT activities. In this context, the NAVISP Technical Programme Office is responsible for managing the programme's Element 3 activities and providing technical support to the managers of NAVISP Element 1 and Element 2 in order to achieve NAVISP overall programmatic objectives.

Duties

You will report to the Head of the NAVISP Technical Programme Office, under whose direct responsibility you will support the technical management of NAVISP innovation activities.

In line with NAVISP technical innovation objectives in Positioning, Navigation and Timing (PNT), your duties will include the following:

- Recommending work to be undertaken with a view to anticipating PNT innovation through the NAVISP Element 1 workplans;
- Recommending areas to be supported under NAVISP Element 2 or 3 based on their potential impact on PNT competitiveness or national strategies;
- Supporting the definition, implementation and coordination of activities across various elements of the programme with a view to ensuring their relevance with respect to the state of the art and future trends in PNT.

- Supporting outreach measures to increase awareness of NAVISP opportunities & results;
- Supporting the technical coordination between the NAVISP programme and other programmes and directorates of the Agency.

Technical competencies

Knowledge of the end-to-end PNT value-chain for different market segments, both at European and international level including the major stakeholders
 Knowledge of the European landscape of R&D programmes supporting PNT innovation
 Knowledge of innovative, state-of-the-art PNT technologies and PNT technology trends
 Experience in implementing and driving R&D and/or industrial activities for space technology development

Behavioural competencies

Operational Efficiency
 Continuous Improvement
 Result Orientation
 Relationship Management
 Fostering Cooperation
 Forward Thinking

Education

A Master's degree in an engineering discipline is required.

Additional requirements

You must demonstrate broad and recognised technical competence in PNT techniques and technologies, beyond GNSS, complemented by specific expertise in at least two of the following areas:

- Autonomous transport and green mobility;
- Seamless PNT applications for Industry 4.0, e.g. for indoor infrastructure logistics; alternate PNT timing, to complement GNSS;
- PNT robustness and resilience.

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. Where 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 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

According to the ESA Convention, the recruitment of staff must take into account adequate distribution of posts among nationals of the ESA Member States*. When shortlisting for an interview, priority will first be given to internal candidates and secondly 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.