

Job Title: ISS Ground Segment & Technical IT Systems Team Leader

Req ID 4541 - Posted 26/04/2018



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Human & Robotic Exploration Programmes.

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Post

ISS Ground Segment & Technical IT Systems Team Leader

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

Location

ESTEC, Noordwijk, The Netherlands or EAC, Porz-Wahn, Germany*.

Description

ISS Ground Segment & Technical IT Systems Team Leader, ISS Operations & Astronauts Group, Directorate of Human & Robotic Exploration Programmes.

Duties

Reporting to the Group leader, the Team Leader will be responsible for ISS European Ground Segment maintenance and operations as well as Technical IT activities at the EAC, working closely with the ISS Operations, Exploration Systems, Payload Engineering and Utilisation Planning Teams, and supported by the team responsible for the EDRS satellite, TEC and EAC personnel.

Main tasks include:

- being Technical Officer for the Ground Segment (GS) maintenance and operations contract, maintaining its GS requirements and GS policy baseline, elaborating engineering change requests, monitoring and guiding their implementation and verification; monitoring service compliance, providing performance assessments of contractors;
- ensuring programmatic and technical coordination of GS requirements for new payloads including third-party ones (commercial, national contributions, etc.) and Columbus/ISS enhancements through analysis of new payloads or enhancements to elaborate new requirements, defining contractor tasks, contributing to flight readiness certification;
- coordinating all GS external interfaces with 17 interconnected sites; the Columbus Ground segment, being dispersed, requires continuous coordination to ensure services are received and provided as needed;
- maintaining a strong level of (non-classified) security across its GS by supervising implementation and enforcement of security practices across the ISS GS, through the Security Control Board and security consultancy contract;
- supervising work done by the IT Team to support the various systems, infrastructure and operations at the EAC;
- monitoring the ageing baseline of the Columbus GS, performing risk analysis and defining mitigation and evolution plans to keep the GS operational through to end of programme; contributing to elaboration of requirements and development of GS systems in support of exploration missions and EAC-developed analogues;

The postholder will be responsible for managing a team, its staff resources and activities.

Technical competencies

Knowledge of large operations and associated software systems, preferably space-based
Experience in mission, spacecraft and/or payload operations
Experience in development and maintenance of ground infrastructure and/or software systems
Architecture of ground stations dedicated to space mission support
General background and specific experience in the technical domains covered by the position
Experience in ESA procurement processes and contract management as well as applied negotiation skills

Leadership Competencies

Driving performance
Developing & motivating people
Fostering cooperation & effective team-working
Strategic vision & business context
Acting as a role model
Leading change

Behavioural competencies

Communication
Planning & Organisation
Relationship Management
Results Orientation

Education

Engineering degree (Master's level).

Additional requirements

The postholder will have to be able to act as ground system architect, to ensure inner coherence of the Ground Segment and coherence with onboard elements. Applicants should have a good knowledge of space-based operations and associated hardware and/or software systems, preferably in the ISS Programme context, plus a sound understanding of the specific requirements, complexities and limitations of the ISS Ground Segment environment including security aspects and a good knowledge of current/future solutions and systems for the GS architecture and systems. Candidates should have relevant experience in the management of ground segment systems related to the ISS. Due to the work's interdisciplinary nature, the postholder will be expected to establish and maintain good working relationships and networks with experts, inside and outside the Directorate, from other related disciplines. Experience of dealing with international partners and European national agencies is required. Previous people management experience is an asset, as is experience in an international environment (i.e. outside one's home country) and in diverse functional areas relevant to ESA activities.

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.

The closing date for applications is 10 May 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, the United Kingdom and Canada and Slovenia.

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 Member States. (<http://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.

*Both locations are suitable; the final decision will be taken together with the selected candidate.