



2019-IPR-E2-FGIV-011910

FG IV - Space Programmes Policy and Scientific Officer

Position for:

FG IV – Project Officer

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

The Directorate for Space, Security and Migration deals with emergency preparedness, response, disaster risk management critical infrastructure protection, and resilience. It assists the fight against crime and terrorism and deals with cyber security, data protection and space infrastructures. It studies the implications of demographic change and to analyse the root causes, likely scale, timing and impact of migration.

The vacancy is in the Technology Innovation in Security Unit. Its mission is to increase European competitiveness and resilience by research in technologies, standardization and harmonisation to enhance the protection of European networked infrastructures and to prevent hazards in industrial installations. Special emphasis to be given to the protection of large scale European infrastructures, including the smart grid, the internet, mobile telecommunications networks and the European space assets.

The successful candidate should join a team providing scientific/technical support to the European Commission Services in charge of the management of the EU satellite navigation Programmes Galileo/EGNOS and to the European GNSS Agency.

The **scientist/engineer** should be able to produce high-quality technical/scientific work in a flexible, fast-evolving environment. The tasks will cover the following areas: European Space Programme Policy (Galileo/EGNOS, GovSatCom), Back-up PNT solutions, European Radio Navigation Plan and its implementation, and Space Programmes Supply Chain monitoring. Working within a team of other scientists to support EU policy making cycle of the European Commission and of the European GNSS Agency, the candidate will have to carry out technical studies based on modelling, simulation and laboratory-based tests. He/she will support the preparation and follow-up of R&D actions related to the EU GNSS Programmes with technical/scientific support work, as well as test and demonstration campaigns in the JRC Laboratories.

JRC is providing highly relevant scientific and policy support to the European Commission services in charge of the management of the European Space programmes. Also, JRC has excellent simulation and laboratory facility for theoretical and practical R&D related with Galileo and the EU space programmes in general.

	<p>Qualifications:</p> <ul style="list-style-type: none"> • (required) PhD degree - or a minimum of 5 years of full-time research/relevant professional experience after the first University degree giving access to doctoral (PhD) studies, in the field of space engineering. • (required) Expert knowledge of the EU Space Programmes on GNSS, governmental satellite communications, or Earth observation. Proven acquaintance with the management of space programmes, space policy, supply-chain vulnerability assessment, critical technologies for space applications, or security/strategic autonomy of the EU space programmes. • (required) Proficiency in the analysis of satellite navigation and/or satellite communications systems. • (required) Fluent in oral and written English (B2), ability to produce professional research reports. • (required) Software development experience with MATLAB/C/C++ programming. • (required) To hold, have held or be able to obtain a security clearance at the level of EU SECRET. • (asset) Practical experience in laboratory-based tests and measurements. • (asset) Experience in handling classified material. • (asset) A good record of relevant publications in reputed journals. • (desirable) Dynamic, motivated, adaptable to the JRC's specific role in EU policy support.
<p>Directorate Unit</p>	<p>Space, Security and Migration echnology Innovation in Security</p> <p>Further information: https://ec.europa.eu/jrc/</p>
<p>Indicative duration</p>	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
<p>JRC Site Country</p>	<p>Ispra Italy</p>
<p>Rules and eligibility</p>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <ol style="list-style-type: none"> 1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. https://epso.europa.eu/documents/2240_en 2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as

researchers. Details available at the link below:
<https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers>

Only then you can apply for this specific position, through
<http://recruitment.jrc.ec.europa.eu/?type=AX>

Auxiliary contract staff:

<https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members>

Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.

Please note that in case a high number of applications is received only shortlisted candidates will be contacted.