



2018-IPR-E2-FGIV-010393

**FG IV – Project Officer - GNSS Security and Galileo PRS User Segment Officer**

<p><b>Position for:</b></p> <p><b>FG IV – Project Officer</b></p>	<p>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.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p>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.</p> <p>The <b>scientist/engineer</b> should be able to produce high-quality technical/scientific work in a flexible, fast-evolving environment. The tasks will cover the following areas: Galileo Public Regulated Service User Segment and PRS-related technology, GNSS security, GNSS receiver design and performance, GNSS user equipment laboratory and field testing, digital threats to GNSS applications and equipment.</p> <p>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&amp;D actions related to the EU GNSS Programmes with planned test and demonstration campaigns in the JRC Laboratories.</p> <p>JRC has excellent simulation and laboratory facility for theoretical and practical R&amp;D in this area, including a large anechoic chamber, GNSS signal generators, a wide range of GNSS hardware and software receivers, a satellite tracking station and a vehicular/pedestrian reference navigation platform.</p> <p>Qualifications:</p> <ul style="list-style-type: none"><li>- (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 radio-navigation.</li><li>- (required) Expert knowledge of one or more topics in the GNSS field such as Galileo Public Regulated Service (PRS)-related technology, GNSS security, GNSS receiver design and performance, digital threats to GNSS, GNSS user equipment laboratory and field testing.</li><li>- (required) Software development experience with MATLAB/C/C++ programming.</li><li>- (required) To hold, have held or be able to obtain a security clearance at the level of EU SECRET.</li><li>- (required) Good knowledge (B2) of English.</li><li>- (asset) Experience and/or knowledge about Public Regulated Service (PRS) User Segment Design, Testing and Validation.</li></ul>
---	---

	<ul style="list-style-type: none"> <li>- (asset) Practical experience in laboratory-based tests and measurements.</li> <li>- (asset) Experience in handling classified material.</li> <li>- (asset) A good record of relevant publications in reputed journals.</li> <li>- (desirable) Dynamic, motivated, adaptable to the JRC's specific role in EU policy support.</li> </ul>
<b>Directorate Unit</b>	<p>Space, Security and Migration Technology Innovation in Security</p> <p>Further information: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p>
<b>Indicative duration</b>	36 months initial contract with possible renewals up to maximum 6 years
<b>JRC Site</b> <b>Country</b>	<p>Ispra</p> <p>Italy</p>
<b>Rules and eligibility</b>	<p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none"> <li>1. CAST Permanent - EPSO has launched in January 2017 an 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. Details available at the link below: <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></li> <li>2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></li> </ol> <p><b>Auxiliary contract staff:</b> <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></p> <p>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.</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>