



**2022-IPR-E2-FGIV-020928**

**FG IV – Project Officer – Technology Analyst**

**POSITION FOR:**

Member of the contract staff FGIV – art. 3b of the Conditions of Employment of Other Servants

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

**WE ARE:**

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) 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 current vacancy is in the Technology Innovation in Security Unit within the Directorate for Space, Security and Migration of the JRC.

The Technology Innovation in Security Unit aims 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 is given to the protection of large scale European infrastructures, including the smart grid, the internet, mobile telecommunication networks and European space assets.

The vacancy is in a team which performs analysis for the development of EU policy concerning **quantum technology**.

**WE PROPOSE:**

A position as Project Officer – Technology Analyst who will carry out research in the area of quantum technology as it concerns EU policy, and contribute to the overall objectives of Unit.

Main tasks will include:

- Conduct technology assessment in support of EU policy, focusing on sensors, clocks, communication devices and systems, computers or simulators, based on quantum physics.
- Analyse scientific journal and conference publications, patents, proposals, reports, standards and commercial material, and synthesise findings to assist in EU public investment in the field.
- Write high level strategic documents, presentations, briefings, guidance material and technical reports and, possibly scientific papers, on the above-mentioned topics.
- Collaborate with other scientists for inter-disciplinary research regarding quantum technology.
- Communicate results in the above policy context to partner DGs, European institutions, research organizations, standardization and national regulatory authorities and international bodies.
- Present results of the R&D work in public fora to various audiences, both specialist and general.

**WE LOOK FOR:**

A dynamic, motivated colleague who will be able to adapt to the JRC's specific role in EU policy support. S/he will have the following essential qualifications:

- 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;
- Expert knowledge of relevant research fields (quantum technology);
- Experience in relations with high-level stakeholders, e.g. higher national administration or international institutions;
- To hold, have held or be able to obtain a security clearance at the level of EU SECRET;
- Good (B2) knowledge of English

The following will be considered assets:

- Familiarity with EU policies in the field of research and technology development;
- Knowledge of cryptology
- Experience in handling classified material
- A record of relevant publications in reputed journals

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Ispra (IT)

**ELIGIBILITY CRITERIA:**

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the EPSO Permanent CAST [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en)

or

- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers> (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**RECRUITMENT POLICY:**

The Joint Research Centre

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.