



2021-GEE-E5-FGIV-019330

**FG IV – Scientific project officer - analytical chemist –
explosives and chemicals detection****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 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 *Threat detection & standards for security* team of the Transport and Border Security Unit. The Unit is part of the Directorate for Space, Security and Migration and has 3 main areas of policy driven research:

- 1) The border security systems research supports the Commission plans towards stronger external borders and improved information exchange. To ensure the security of the EU external Border, it is crucial to understand and address all its different dimensions (Sea, Land, Sky, Cyber) focusing both on people and goods.
- 2) The threat detection & standards for security research develops and provides a variety of test materials, test methods and knowledge transfer to end users in Member States and international organisations. Detection is a key link in the chain of counter-terrorism, and detection technology is often the last line of defence against a terrorist attack.
- 3) The drone and counter drone security living lab provides critical infrastructure stakeholders with scientific advice on how to protect against non-cooperative Unmanned Aircraft Systems (UAS), commonly referred to as drones. As the use of drones, becomes more widespread for commercial use, there is an increased concern that drones will also be used for malicious intent and there currently is no common EU legislation to counter this potential threat.

In our activities we work in close collaboration with the respective Commission Directorate Generals Migration & Home Affairs (DG HOME), Mobility and Transport (DG MOVE), Maritime Affairs and Fisheries (DG MARE), Taxation and Customs Union (DG TAXUD), as well as the European Union Aviation Safety Agency (EASA), European Maritime Safety Agency (EMSA), European Border and Coast Guard Agency (Frontex), the Member States authorities and many other relevant stakeholders.

WE PROPOSE:

- an exciting opportunity to develop new, European-wide standards (both documentary and physical test materials) for the detection of security threats (explosives and chemicals);
- the position will involve a rewarding combination of laboratory-based development work, testing of equipment, and providing training and support to frontline security practitioners;
- the jobholder will also regularly interface with EU and Member States' regulators to provide technical advice, and he/she will interact with manufacturers of detection equipment during the development of standards;
- the jobholder will have the opportunity to establish himself/herself as an expert in the harmonised, reliable testing of detection equipment at European level.

WE LOOK FOR:

- an analytical chemist with a PhD and 3-years' postdoctoral experience who can apply laboratory expertise to the development of robust, field-deployable test kits and testing methodologies for benchmarking the performance of detection equipment;
- prior experience with chemical detection techniques (e.g. ion mobility spectrometry, Raman, infrared) is not essential, but would be an advantage;
- excellent communication and inter-personal skills are essential, in order to interact with a wide variety of stakeholders, including providing training to frontline security practitioners. Good knowledge of English (level B2) is required.

INDICATIVE CONTRACT'S DURATION:

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

PLACE OF WORK:

Geel (BE)

RULES AND ELIGIBILITY:

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
- 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: <https://recruitment.jrc.ec.europa.eu/?site=GEE&type=AX&category=FGIV> .

RECRUITMENT POLICY:

The JRC

- 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.