



2022-GEE-E5-FGIV-020310

**FG IV – Scientific Project Officer - AI/engineering –
drone and counter drone**

POSITION FOR:

Member of the contract staff IV – 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:

We are looking for a highly motivated computer scientist or engineer who has competences in applied AI and novel engineering solutions that can be applied to counter drone approaches in the field of security.

He/She will:

Do laboratory and field work, support the scientific research in AI, write technical reports and publications on novel techniques applied in the field of drones (UAS) and counter drones (c-UAS), develop solutions based on state of the art A.I techniques applied to the field of security.

It is a position that offers the opportunity to participate and shape the Commission's policies in the field, in line with the [EU Security Union Strategy](#)

WE LOOK FOR:

We look for a dynamic and highly motivated person with at least 2 years of post-graduate experience in a field relevant to the position, the ideal candidate would have a degree (or a PhD) like computer science or engineering. Expertise in the fields of research, project management and technical analysis are considered an advantage.

The job holder should be fluent in written and spoken English.

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://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en (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 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.