



## VACANCY NOTICE

### SECONDED NATIONAL EXPERT TO THE EUROPEAN COMMISSION

<b>Post identification:</b> (DG-DIR-UNIT)	<b>JRC-B-6_Inspections</b>
<b>Head of Unit:</b> <b>Email address:</b> <b>Telephone:</b> <b>Number of available posts:</b> <b>Suggested taking up duty:</b> <b>Suggested initial duration:</b> <b>Place of secondment:</b>	<b>Carlos Torrecilla Salinas</b> <a href="mailto:Carlos.TORRECILLA-SALINAS@ec.europa.eu">Carlos.TORRECILLA-SALINAS@ec.europa.eu</a> + 34 9544-80580 5 1 <sup>st</sup> quarter 2023 <sup>1</sup> 2 years <sup>1</sup> <input type="checkbox"/> Brussels <input type="checkbox"/> Luxemburg <input checked="" type="checkbox"/> Other: Ispra or Sevilla
	<input checked="" type="checkbox"/> With allowances <input type="checkbox"/> Cost-free
<b>This vacancy notice is also open to</b> <input type="checkbox"/> <b>the following EFTA countries :</b> <input type="checkbox"/> Iceland <input type="checkbox"/> Liechtenstein <input type="checkbox"/> Norway <input type="checkbox"/> Switzerland <input type="checkbox"/> EFTA-EEA In-Kind agreement (Iceland, Liechtenstein, Norway) <input type="checkbox"/> <b>the following third countries:</b> <input type="checkbox"/> <b>the following intergovernmental organisations:</b>	

#### 1. Nature of the tasks

The Joint Research Centre (JRC) is the science and knowledge service of the European Commission: our mission is to support EU policies with independent evidence throughout the whole policy cycle.

The current vacancy is with the newly formed European Centre for Algorithmic Transparency (ECAT), which, through its scientific and technical expertise and analyses, will reinforce the European Commission's supervisory role in the context of the EU Digital Services Act (DSA) – in close collaboration with the Directorate General for Communication Networks, Content and Technology (DG CONNECT). The ECAT will be established in the second half of 2022 and will be located in three JRC sites (Seville, Ispra and Brussels).

The EU Digital Services Act (DSA) is the world's first platform regulation that seeks to comprehensively address the most pressing societal risks emerging from the use of online platforms. Amongst other challenges, it focuses on tackling the dissemination of illegal content, goods and services online, protecting freedom of expression, and addressing disinformation.

It imposes obligations for online intermediaries and platforms (e.g. online marketplaces, social networks, content-sharing platforms, app stores, and online travel and accommodation platforms) according to their role, size and impact in society. It seeks to empower users of digital services – for example by regulating advertising and recommender systems on online platforms – and to protect them, by imposing obligations on digital services and holding them accountable through an unprecedented transparency mechanism.

Since a wider reach is coupled with the most severe risks, very large platforms and search engines with a user base of more than 45 million monthly average users (representing around 10% of the EU population) bear special obligations. Most prominently, they will be subject to a supervised risk management obligation and

<sup>1</sup> These mentions are given on an indicative basis only (Art.4 of the SNE Decision).

will need to adapt their service, their systems and their algorithms to address the societal risks they may pose. They will be subject to external independent auditing and will be under public scrutiny from civil society, vetted researchers and others.

This adaptive and anticipatory legal framework needs strong regulatory supervision and cutting-edge competence within the regulators. The European Commission will lead the supervision and enforcement of obligations for the largest platforms and search engines. This vacancy is part of the Commission's efforts to strengthen its capability and prepare for the enforcement of the rules. The Regulation was proposed by the European Commission in December 2020 and should enter into force in the last quarter of 2022.

We offer:

- a job in a dynamic, multidisciplinary research field at the cutting edge of algorithmic systems transparency and trustworthy artificial intelligence, with a tremendous societal impact in Europe and beyond;
- a unique opportunity to help make the online space safer and more transparent for all Europeans and to work hands-on on some of the most exciting and complex challenges brought by online platforms;
- a family-friendly working environment, with online collaboration and occasional travel for on-site investigations on the premises of online platforms and cooperative work with colleagues in Brussels, Seville or Ispra.

The jobholder will join an interdisciplinary and multicultural team of researchers working in the ECAT and more broadly contribute to the JRC's research portfolio on Trustworthy Artificial Intelligence and algorithmic transparency. The jobholder will work in close collaboration with ECAT scientific researchers and a wide range of partners, in particular legal and policy experts in the enforcement units of the European Commission, in DG CONNECT. S/he will be part of cross-department teams during investigations and will interact with the technical departments of very large online platforms and very large online search engines. Activities may also include collaborations with external researchers and scientists, and other various stakeholders in EU Member States and civil society organisations.

For this team, we are looking for applied researchers with a strong motivation to work in a goal-oriented environment for the public good. The ideal candidate should have a sharp curiosity and creativity, as well as a problem-solving mentality to – collectively, within a case team – obtain and link various pieces of evidence. They should have the ability to come up with creative questions and investigative methods to deepen our understanding of some of the most advanced algorithmic systems used by online platforms, and the real-world challenges they pose, while respecting strict case-handling protocols.

The work may involve:

- the ability to design practical experiments to assess the societal risks posed by online platforms' algorithmic systems, producing evidence about their impact on users and society;
- implementation and application of algorithmic auditing and impact/risk assessment methodologies in practical scenarios with real-world constraints;
- development of new skills together with their team.

## 2. **Main qualifications**

### a) **Eligibility criteria**

The following eligibility criteria must be fulfilled by the candidate in order to be seconded to the Commission. Consequently, the candidate who does not fulfil all of these criteria will be automatically eliminated from the selection process.

- **Professional experience**: at least three years of professional experience in administrative, legal, scientific, technical, advisory or supervisory functions which are equivalent to those of function group AD;
- **Seniority**: candidates must have at least one year seniority with their employer that means having worked for an eligible employer as described in Art. 1 of the SNE decision on a permanent or contract basis for at least one year before the secondment;

- Linguistic skills: thorough knowledge of one of the EU languages and a satisfactory knowledge of another EU language to the extent necessary for the performance of the duties. SNE from a third country must produce evidence of a thorough knowledge of one EU language necessary for the performance of his duties.

## b) Selection criteria

### Diploma

- university degree or
- professional training or professional experience of an equivalent level

in the field(s) : computer science, artificial intelligence, social sciences or engineering.

### Professional experience

- At least 2 years relevant research experience or a PhD (doctoral diploma) in disciplines relevant to this vacancy such as computer science, artificial intelligence, social sciences or engineering
- Practical experience in the design, development and/or evaluation of algorithmic systems such as AI-based content recommendation, moderation and search systems.

### Furthermore, the following experience would be desirable:

- experience in conceptualizing and performing algorithm inspection, auditing or testing activities. Knowledge of the architecture and lifecycle (design, verification, deployment, operation) of large-scale algorithms used by online platforms and search engines.
- Experience in the review and analysis of source code and technical documentation of complex software systems, including technical reports, audit reports, architecture and design specifications, patent applications, scientific articles, technical standards, API documentation;
- Experience in open source intelligence (OSINT) techniques and skills in large-scale collection (scraping) and analysis/mining of live data and information from online sources, such as search engines, social networks and other online platforms;
- Knowledge of the various software tools and libraries that support or automate any of the above-described activities; ability to develop custom software tools for interacting with online platform systems, and for related data collection and analysis activities;
- Experience in applied investigative work in the context of online platforms, social media, artificial intelligence and/or digital technologies.
- Experience in on-site inspections, cooperation with regulators, and/or setting-up digital forensic capabilities.

### Language(s) necessary for the performance of duties

Very good (C1) knowledge of English.

## 3. Submission of applications and selection procedure

Candidates should send their application according to the **Europass CV format** (<http://europass.cedefop.europa.eu/en/documents/curriculum-vitae>) in English, French or German **only to the Permanent Representation / Diplomatic Mission to the EU of their country**, which will forward it to the competent services of the Commission within the deadline fixed by the latter. The CV must mention the date of birth and the nationality of the candidate. **Not respecting this procedure or deadlines will automatically invalidate the application.**

Candidates are asked not to add any other documents (such as copy of passport, copy of degrees or certificate of professional experience, etc.). If necessary, these will be requested at a later stage.

Candidates will be informed of the follow-up of their application by the unit concerned.

#### 4. **Conditions of the secondment**

The secondment will be governed by the **Commission Decision C(2008)6866 of 12/11/2008** laying down rules on the secondment to the Commission of national experts and national experts in professional training (SNE Decision).

The SNE will remain employed and remunerated by his/her employer during the secondment. He/she will equally remain covered by the national social security system.

Unless for cost-free SNE, allowances may be granted by the Commission to SNE fulfilling the conditions provided for in Art. 17 of the SNE decision.

During the secondment, SNE are subject to confidentiality, loyalty and absence of conflict of interest obligations, as provided for in Art. 6 and 7 of the SNE Decision.

If any document is inexact, incomplete or missing, the application may be cancelled.

Staff posted in a **European Union Delegation** are required to have a security clearance (up to SECRET UE/EU SECRET level according to Commission Decision (EU, Euratom) 2015/444 of 13 March 2015, OJ L 72, 17.03.2015, p. 53).

The selected candidate has the obligation to launch the vetting procedure before getting the secondment confirmation.

#### 5. **Processing of personal data**

The selection, secondment and termination of the secondment of a national expert requires the Commission (the competent services of DG HR, DG BUDG, PMO and the DG concerned) to process personal data concerning the person to be seconded, under the responsibility of the Head of Unit of DG HR.B.1. The data processing is subject to the SNE Decision as well as the Regulation (EU) 2018/1725.

Data is kept by the competent services for 7 years after the secondment (2 years for not selected experts).

You have specific rights as a 'data subject' under Chapter III (Articles 14-25) of Regulation (EU) 2018/1725, in particular the right to access, rectify or erase your personal data and the right to restrict the processing of your personal data. Where applicable, you also have the right to object to the processing or the right to data portability.

You can exercise your rights by contacting the Data Controller, or in case of conflict the Data Protection Officer. If necessary, you can also address the European Data Protection Supervisor. Their contact information is given below.

##### **Contact information**

###### **- The Data Controller**

If you would like to exercise your rights under Regulation (EU) 2018/1725, or if you have comments, questions or concerns, or if you would like to submit a complaint regarding the collection and use of your personal data, please feel free to contact the Data Controller, Unit HR.B.1, [HR-B1-DPR@ec.europa.eu](mailto:HR-B1-DPR@ec.europa.eu).

###### **- The Data Protection Officer (DPO) of the Commission**

You may contact the Data Protection Officer ([DATA-PROTECTION-OFFICER@ec.europa.eu](mailto:DATA-PROTECTION-OFFICER@ec.europa.eu)) with regard to issues related to the processing of your personal data under Regulation (EU) 2018/1725.

###### **- The European Data Protection Supervisor (EDPS)**

You have the right to have recourse (i.e. you can lodge a complaint) to the European Data Protection Supervisor ([edps@edps.europa.eu](mailto:edps@edps.europa.eu)) if you consider that your rights under Regulation (EU) 2018/1725 have been infringed as a result of the processing of your personal data by the Data Controller.

To the attention of candidates from third countries: your personal data can be used for security checks.