



2019-IPR-I3-FGIV-012908

**FG IV - IT Project Officer – Scientific Research /  
Disinformation**

<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>In Directorate for Competences, the Text and Data Mining Unit aims to develop, provide access to, and apply text and (big) data mining, management and analysis. The Unit also provides: (i) guidance on the use of statistical data mining methods as well as text mining and analysis techniques for information extraction; (ii) one-stop-shop for tools, services and training for the EU institutions and strategic partners to support their needs in the fields of open sources intelligence, media monitoring, information harvesting and analysis as well as innovation monitoring, statistical data mining and visualisation; (iii) set-up of Competence Centres in these areas as appropriate.</p> <p>We offer a position for a research fellow in Text Mining to research methods and approaches for detecting and handling online disinformation, and to prototype tools for media analysts, fact checkers and other specialists working in this area.</p> <p>The successful candidate will join a friendly, enthusiastic and expert team and will work in some of the following research areas:</p> <ol style="list-style-type: none"><li>1. Computational algorithms for detecting disinformation or for claim detection and verification, applying these techniques to large volumes of text from online news and social media.</li><li>2. Linguistic, cognitive and psychological cues of deception, misleading narratives and propaganda.</li><li>3. Analysing the propagation and amplification of disinformation on and between social media platforms and online media, applying techniques such as network analysis and information diffusion</li></ol> <p>The successful candidate will also carry out the following tasks:</p> <ol style="list-style-type: none"><li>1. Develop software tools and components based on the results of the research above to help with the detection and analysis of disinformation and to improve our large-scale multilingual online news and social media analysis engines.</li><li>2. Publish research results in peer-reviewed scientific conferences and journals.</li></ol>
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	<p>3. Provide advice to internal and external stakeholders on state-of-the-art methods and results in this specific area.</p> <p>Qualifications:</p> <ul style="list-style-type: none"> <li>• MSc and/or PhD in Computer Science, Computational Linguistics, Statistics or related areas.</li> <li>• At least 3 years postgraduate experience.</li> <li>• Proven publication track in peer-reviewed scientific conferences and journals.</li> <li>• Very good knowledge of English (B2 level).</li> <li>• Good communication skills.</li> <li>• Hands-on programming experience.</li> <li>• At least passive knowledge of several languages in order to work with multilingual data.</li> </ul> <p>It would be an asset to have:</p> <ul style="list-style-type: none"> <li>• Demonstrated skills in development of NLP tools, methods and applications in Java or Python.</li> <li>• Good knowledge of the landscape of freely available NLP toolkits and related linguistic resources.</li> <li>• Familiarity with some state-of-the-art machine learning toolkits.</li> <li>• Knowledge of tools for the acquisition of data from social media sources.</li> <li>• Acquaintance with neural networks and deep learning methods.</li> <li>• Experience of working in a multilingual environment.</li> </ul>
<p><b>Directorate Unit</b></p>	<p>Competences Text &amp; Data Mining</p> <p>For further information: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p>
<p><b>Indicative duration</b></p>	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
<p><b>JRC Site</b> <b>Country</b></p>	<p>Ispra Italy</p>
<p><b>Rules and eligibility</b></p>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>1. CAST Permanent: 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</p>

contract agents.

[https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en)

2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below:

<https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers>

Only then you can apply for this specific position, through

<http://recruitment.jrc.ec.europa.eu/?type=AX>

**Auxiliary contract staff:**

<https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members>

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.

*Please note that in case a high number of applications is received only shortlisted candidates will be contacted.*