



2020-IPR-A5-FGIV-013888

**FG IV - Scientific/Technical project officer -  
BigNOMICS project**

<p><b>Position for:</b></p> <p><b>FGIV – Scientific/Technical 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>The current vacancy is in the Directorate for Strategy, Work Programme and Resources. Its mission is to keep the JRC strategy up-to-date and to plan and coordinate its implementation, reporting and evaluation, with respect to the work programme, resource planning, support to the Euratom Treaty, inter-institutional activity, international affairs and outreach.</p> <p>As one element of the JRC's scientific development, the Directorate has established and manages the Centre for Advanced Studies, as well as provides support on legal affairs. It also steers the development of an integrated management system.</p> <p>The Centre for Advanced Studies (CAS) has been charged with the mission of investigating new research areas of relevance for European policy. The CAS provides an interdisciplinary and stimulating space where JRC scientists can engage in research in policy-relevant thematic. The Directorate also hosts the JRC HR Business Correspondent team, responsible for establishing an HR strategy directly supporting JRC 2030 strategy.</p> <p>CAS is looking for a post-doctoral researcher to join the bigNOMICS project on "<i>Big Data and Forecasting Economic Developments</i>". The goal of the project is to explore innovative ways to measure and forecast economic activity in real time. An area of interest of the project is to use advanced natural language processing techniques to analyse text (e.g., news articles and policy-makers statements and speeches) to extract indicators that can be used to forecast economic variables. He/She will contribute to the development of the project with the aim of producing policy relevant research and publish in premiere scientific journals.</p> <p>Qualifications:</p> <p>Candidates must have completed or be close to completing a PhD (doctoral degree) in computer science, computational linguistic, engineering, economics, statistics, or related areas and must be able to work with large datasets.</p> <p>The following competences will be considered as an asset:</p> <ul style="list-style-type: none"><li>• Advanced programming skills (in particular, python and java)</li><li>• Advanced knowledge of Natural Language Programming (NLP) techniques</li></ul>
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	<ul style="list-style-type: none"> <li>Advanced knowledge of machine learning techniques</li> </ul> <p>Good level of knowledge of English (C1) is required.</p> <p>The postdoctoral fellow should be able to work independently and as part of a team, consisting of 4 researchers and a lead scientist. The JRC cultivates a workplace based on respect for other people and the environment, embraces non-discriminatory practices and equality of opportunity and encourages lifelong learning and development possibilities.</p>
<b>Directorate Unit</b>	<p>Strategy, Work Programme and Resources Scientific Development</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a> <a href="https://ec.europa.eu/jrc/en/research/centre-advanced-studies">https://ec.europa.eu/jrc/en/research/centre-advanced-studies</a></p>
<b>Indicative duration</b>	<p>12 months initial contract with possible renewals up to maximum 6 years</p>
<b>JRC Site</b> <b>Country</b>	<p>Ispra</p> <p>Italy</p>
<b>Rules and eligibility</b>	<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 contract agents. <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></p> <p>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: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></p> <p>Only then you can apply for this specific position, through <a href="http://recruitment.jrc.ec.europa.eu/?type=AX">http://recruitment.jrc.ec.europa.eu/?type=AX</a></p> <p><b>Auxiliary contract staff:</b> <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></p> <p>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.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>