



2018-IPR-F7-FGIV-010587

**FG IV – Project Officer – Computer Scientist /
Software Engineer**

Position for:

FG IV – Project Officer

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 opening is for a scientific officer to support the development of the EC's Information Platform for Chemical Monitoring (IPCHEM) under coordination of the Knowledge for Health & Consumer Safety Unit in the context of the JRC's transversal project "Evidence based Health".

The Knowledge for Health & Consumer Safety Unit of the Directorate for Health, Consumers & Reference Materials, supports EU policies on consumers, food safety and health by mapping, collating, analysing, quality checking and communicating in a systematic and digestible way all the relevant scientific data, methods, tools and knowledge available worldwide in their policy area.

We look for a computer scientist or software engineer with strong knowledge of ETL architecture and techniques, to develop scientific and IT software and data analysis tools and interfaces for the Information Platform for Chemical Monitoring (IPCHEM) with a particular focus on harmonised implementation of data access, query and retrieval facilities from heterogeneous data sources, varying from web applications with non-standardised APIs to relational databases with different ER schemas and on the design and setting up of local data storage facilities.

Qualifications:

- University degree in Computer Science or in software engineering.
- Experience with technologies on implementing service oriented approaches (i.e. setting up and making available web services and application programming interfaces (APIs)) and interoperability solutions among web based information systems and tools is essential.
- Experience in developing scientific and IT software and data analysis tools related to information platforms.
- Experience in managing operational services and drafting documents or operational manuals.
- Programming proficiency in: Pentaho data integration, PostgreSQL/PostGIS, Java/Tomcat; JavaScript, AJAX, HTML, jQuery; Nextcloud API.
- Knowledge of Agile software methodologies will be considered as an important asset.
- Ability to work in a multidisciplinary team.

	<ul style="list-style-type: none"> - English, level B2. - In depth experience with: harmonisation of heterogeneous data sources containing huge amount of records; software design of distributed service oriented systems architecture; evaluation of big-data infrastructures; data management and lifecycle processes; design of user interfaces (GUI) with focus on usability will be considered as important assets.
Directorate Unit	<p>Health, Consumers & Reference Materials Knowledge for Health & Consumer Safety</p> <p>Further information: https://ec.europa.eu/jrc/en</p> <p>JRC transversal project "Evidence based Health"/IPChem-SciCoor WPK</p>
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	<p>Ispra</p> <p>Italy</p>
Rules and eligibility	<p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none"> 1. CAST Permanent - EPSO has launched in January 2017 an 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. Details available at the link below: https://epso.europa.eu/documents/2240_en 2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</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 due to the high number of applications received only shortlisted candidates will be contacted.</i></p>