



2020-IPR-E3-FGIV-013635

**FG IV – Scientific Project Officer - Applied  
Cybersecurity Researcher**

<p><b>Position for:</b></p> <p><b>FGIV- Scientific 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 with the Cyber and Digital Citizens' Security Unit, Space, Security and Migration Directorate, located in Ispra, Italy. The mission of the Unit is to strengthen trust and security of the European Citizen in a sustainable and inclusive ICT-based European society by scientific research on how emerging Information and Communication Technologies will impact the security and privacy of citizens' daily life. The unit works on risk mitigation, cyber security, cybercrime, data protection, privacy and on the associated legal and regulatory frameworks.</p> <p>The successful candidate will contribute to the activities of the Cyber and Digital Citizen Security Unit strengthening the research activities falling in the cyber-security, privacy and digital infrastructures domains.</p> <p>He/she will conduct scientific/technical studies, experimental campaigns and laboratory activities to develop solid research results to support the anticipation, design, implementation and monitoring of European policies.</p> <p>The successful candidate will carry out the following tasks:</p> <ul style="list-style-type: none"><li>• Design and implementation of cybersecurity and privacy by design solutions in the frame of the relevant areas (e.g. Network cybersecurity, DNS, Energy, Automotive, Digital identity, Internet of things and mobile devices);</li><li>• Drafting and implementation of technical specifications, security policies and security plans (ISO 27000);</li><li>• Design and management of experimental testing campaigns (including data-gathering, modelling and analysis) on sectorial relevant digital and cyber-physical infrastructures</li><li>• Drafting of scientific papers and policy support reports.</li></ul> <p>Qualifications:</p> <p>The successful candidate must have a PhD degree - or a minimum of 5 years of full-time research or working experience after the first University degree giving access to doctoral (PhD) studies - in the field of Mathematics, Information and Communication Technologies, Computer Science, Engineering, or equivalent.</p>
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	<p>The following qualifications are also required:</p> <ul style="list-style-type: none"> <li>• Solid knowledge ICT security, including network security and cryptography.</li> <li>• Strong experience in programming for data acquisition and analysis.</li> <li>• Good software development and prototyping skills</li> <li>• Ability to work in a multi-national team</li> <li>• Good level of spoken and written English (B2).</li> </ul> <p>The following qualifications are an asset:</p> <ul style="list-style-type: none"> <li>• Knowledge of international and European standards in the domains of cybersecurity.</li> <li>• Knowledge of network protocols and networking</li> <li>• Knowledge of Machine Learning techniques</li> <li>• Familiarity with mobile OS development environments</li> <li>• Penetration testing skills</li> <li>• Knowledge of blockchain technologies</li> <li>• Relevant publications in peer-reviewed conferences and journals.</li> </ul>
<b>Directorate Unit</b>	<p>Space, Security and Migration Cyber and Digital Citizens' Security Unit</p> <p>Further information: <a href="https://ec.europa.eu/jrc">https://ec.europa.eu/jrc</a></p>
<b>Indicative duration</b>	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
<b>JRC Site</b> <b>Country</b>	<p>Ispira</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</p>

<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.*