



2020-IPR-GII7-FGIV-013988

FG IV – Scientific Project Officer - Optics, Laser and Imaging Engineer

<p>Position for:</p> <p>FGIV –Scientific Project Officer</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: https://ec.europa.eu/jrc/</p> <p>The current vacancy is in the Directorate for Nuclear Safety and Security, Department of Nuclear Security and Safeguards, Nuclear Security unit (located in Ispra, Italy).</p> <p>The job we propose is in a team of 55 scientists and experts who provide support mainly to Euratom (and IAEA) Inspectorate for the implementation of nuclear safeguards in the European members states. The unit also provide scientific support to nuclear security, non-proliferation and export control policies and initiatives in EU and worldwide. It operates nuclear and non-nuclear laboratories on the Ispra site.</p> <p>In order to take advantage of the technological evolution that may have an impact on the techniques used in nuclear safeguards, we are investigating the potential still available in the Optics, Laser and Imaging domains, for which an R&D pole has been created in the unit.</p> <p>The jobholder will contribute to the activities of the Optics, Laser & Imaging R&D pole of the unit, providing and applying state of the art expertise in the ongoing R&D activities in the unit. The jobholder will propose and contribute to design, realise and follow up optics, laser and imaging systems and sub-systems for applications in nuclear safeguards, such as seals, seal readers, laser based containment and surveillance systems, imaging for the detection of nuclear materials. S/he will also contribute to the coordination and guidance of the team in the optics and laser laboratory and to the dissemination of the results of the team.</p> <p>Qualifications:</p> <p>The selected candidate must have the following essential qualifications:</p> <ul style="list-style-type: none">• Master degree in Engineering, Applied physics, Automation or equivalent.• Experience (at least 2 years) in one or several of the following areas: imaging optics, optical metrology, image processing and mathematical methods for Optical Physics. <p>It will be considered as an advantage if the selected candidate also has experience in working with quality assurance methodologies and at least 2 years experience in programming</p>
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	<p>in C/C++/C# and code versioning tools (SVN/GIT)</p> <p>We look for an enthusiastic, motivated and passionate engineer (or equivalent), with a strong problem-solving attitude, proven communication skills, the ability to work in a team, the capacity to take initiatives and to work autonomously when needed.</p> <p>A good command of English (B2), both oral and written is required.</p>
Directorate Unit	<p>Nuclear Safety and Security Nuclear Security</p> <p>Further information: https://ec.europa.eu/jrc/en/research-topic/nuclear-safeguards</p>
Indicative duration	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Ispra Italy</p>
Rules and eligibility	<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. https://epso.europa.eu/documents/2240_en</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: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <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 in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>