



2020-IPR-C2-FGIV-016188

FG IV – Project Officer – Photovoltaic Researcher

<p><b>Position for:</b></p> <p><b>FGIV – Project Officer – Scientific Research</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 vacancy is within the Energy Efficiency and Renewables Unit of the Directorate for Energy, Transport and Climate, located in Ispra, Italy that provides scientific and technical support to renewable energy and energy efficiency policies and measures.</p> <p>The successful candidate will be conducting research activities and providing scientific and technical support to development of experimental and analytical techniques for the characterisation and estimation of the lifetime energy generation of photovoltaic products, in particular new innovative technologies such as high efficiency or multi-junction devices and modules. Furthermore, s/he must develop expertise that will contribute to support the technology evaluation process for the Green Deal, and application of the circular economy actions on product sustainability.</p> <p>The successful candidate will perform the following tasks:</p> <ul style="list-style-type: none"><li>- Measure and characterise new and innovative Photovoltaic devices concentrating on power and energy yield of the devices;</li><li>- Develop new measurement and characterisation techniques for the development of improved international standards;</li><li>- Data analysis and methodology development life time energy generation of photovoltaic devices;</li><li>- Contribute to scientific output through peer-reviewed scientific publications.</li><li>- Contribute to the policy support of photovoltaics in relation to ECODesign.</li></ul> <p>Qualifications:</p> <p>We look for a person with experience and strong interest in photovoltaic solar energy, a motivated, flexible and reliable colleague who is able to develop new concepts and new methodologies over a number of varied and complex tasks.</p> <p>The ideal candidate should have a degree in a relevant subject (physics, material science, and engineering) together with a</p>
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	<p>minimum of 3 years of relevant experience, or a Ph.D.</p> <p>Proven work experience and knowledge on photovoltaic energy and laboratory experience with measurement and characterisation instrumentation.</p> <p>A high level of spoken and written English (B2) is essential.</p> <p>Good drafting skills, supported by proven record of accomplishment of reports and peer reviewed scientific publications are an asset.</p> <p>S/he should be a team player, able to carry out activities in a multi-disciplinary team, in close cooperation with other team members and have good communication skills with experts and non-experts.</p>
<b>Directorate Unit</b>	<p>Directorate for Energy, Transport and Climate</p> <p>Energy Efficiency and Renewables Unit</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en/research-facility/european-solar-test-installation">https://ec.europa.eu/jrc/en/research-facility/european-solar-test-installation</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 <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>
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*Please note that in case a high number of applications is received only shortlisted candidates will be contacted.*