



2019-IPR-C3-FGIV-013328

FG IV – Scientific Project Officer – Energy Policies and Power System Simulation

<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 vacancy is within the Energy Security, Distribution and Markets Unit of Directorate for Energy, Transport & Climate, with a mission of providing scientific and technical support to energy security, energy digitalisation and market redesign initiatives in the context of the Energy Union/Green Deal actions and the Clean Energy Package provisions. Our staff (about 50) is split across the Petten (NL) and Ispra (IT) sites.</p> <p>The candidate will:</p> <ul style="list-style-type: none">• Conduct research activities on Integration of Demand Response in Energy Management Systems while ensuring interoperability. Follow the work JRC needs to deliver for two H2020 projects, DELTA and DRIMPAC;• Contribute to modelling and simulation of energy systems including demand-side in electricity sector models. Contribute to the development of interoperability use-cases for testing electricity components available in the lab;• Set up and run hardware-in-the-loop and control-in-the-loop experiments with digital simulators in the Smart Grid Interoperability Laboratory in Ispra. <p>Qualifications:</p> <p>The ideal candidate must have a degree in a relevant science subject or in engineering, together with a minimum of 3 years of research experience or a Ph.D.</p> <p>The following experiences and knowledge will be considered essential:</p> <ul style="list-style-type: none">• Power system-engineering background;• Knowledge of power systems interconnection with experience on strategies for protection and fault handling in digital substations;• Knowledge on digital simulations, including open source platform for deploying hardware-in-the-loop and control-in-the-loop experiments with digital simulators. <p>Knowledge of power system integration and interoperability would be an advantage.</p> <p>S/he should be able to work in a multi-disciplinary team of experts and have good communication skills with experts and</p>
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	<p>non-experts.</p> <p>This position offers a number of varied and interesting tasks in a friendly, multi-disciplinary and well integrated team to a motivated, flexible and reliable colleague. Very good command of English (B2 level minimum) is essential.</p>
Directorate Unit	<p>Energy Transport and Climate Energy Security, Distribution and Markets</p> <p>Further information: https://ses.jrc.ec.europa.eu/</p>
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	<p>Ispira</p> <p>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>