2022-PTT-C3-FGIV-019969

FG IV Project Officer - Smart Electricity Grid Interoperability Expert

POSITION FOR:
Member of the contract staff FG IV – art. 3b of the Conditions of Employment of Other Servants

WE ARE:
As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) 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 vacancy is in the C3 Energy Security, Distribution and Markets Unit of Directorate C - Energy, Transport & Climate of the JRC. The Unit comprises of about 50 staff members based in the JRC Petten (NL), Ispra (IT) and Seville (ES) sites.

The Energy Security, Distribution and Markets Unit informs and supports the energy policy-making processes, particularly in the electricity and gas fields. Our Unit’s activities are framed in the context of the EU’s climate-neutrality policies, particularly the Green Deal and Digitalisation initiatives. Such policies call for a profound rethinking and transformation of our energy systems and markets, subjected to growing decarbonisation, decentralisation, electrification and digitalisation forces and trends.

More information on our Unit’s power-related activities is accessible here: https://ses.jrc.ec.europa.eu.

WE PROPOSE:
Amongst other activities, our Unit conducts tests in its Smart Grid Interoperability Lab (based in Petten and Ispra) relating to the interoperability among digital energy actors, components and applications exchanging data and information in the smart grid ecosystem. The assessment is carried out with reference to use cases and quantitative assumptions stipulated by industry and standardisation bodies.

In this context, our Unit is looking for a new colleague tasked to:

- Investigate the role of interoperability in the digitalisation of energy, studying the impact of standards and other regulatory norms on interoperability.
- Research and apply interoperability testing methodologies, prepare and run interoperability tests.
- Contribute to develop information systems and analysis of business processes affecting the interoperability of digital energy in smart home/energy community and local distribution systems.
- Participate in research projects and international cooperation activities.
- Contribute to other Unit’s activities on the power & gas systems and adjoining sectors (mobility, buildings, and cities).
- Write and review scientific articles and reports.

This position offers varied tasks and access to advanced simulation tools and cutting-edge research infrastructure, in a friendly and multi-disciplinary team. It also offers opportunities for continuous professional development, training and participation in scientific and policy-relevant conferences/fora.
WE LOOK FOR:
In order to be successful in this role you should:

- Be passionate about working at the intersection of science and EU policy making in the energy field.
- Have experience/interest in working in a laboratory environment and study the interactions among energy devices, systems and stakeholders.
- Have experience with information technologies, programming and/or data processing.
- Be able to work in a team and in a multi-cultural environment.
- Be able to communicate and interact with different stakeholders.
- Have completed relevant university studies of at least three years (attested by a diploma) and at least 3 years of professional experience/PhD in a field relevant to the position, such as (but not limited to) electrical, computer, automation and/or power system engineering.
- Have an English level at least equivalent to B2.

INDICATIVE CONTRACT'S DURATION:
36 months initial contract with possible renewals up to maximum 6 years.

PLACE OF WORK:
Petten (NL)

ELIGIBILITY CRITERIA:
Candidates for this contract agent post shall:
- (i) have passed a valid EPSO CAST selection procedure;
- (ii) be registered in the EPSO Permanent CAST [https://epso.europa.eu/documents/2240_en](https://epso.europa.eu/documents/2240_en) or

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: [http://recruitment.jrc.ec.europa.eu/?type=AX](http://recruitment.jrc.ec.europa.eu/?type=AX).

RECRUITMENT POLICY:
The Joint Research Centre
- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.