



2023-PTT-GI4-FGIII-022268

FG III - Laboratory Technician - Scientific Research

POSITION FOR:

Member of the contract staff FGIII – 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 on the [JRC website](#).

The current vacancy is in Directorate for Nuclear Safety and Security, Reactor Safety And Components Unit of the JRC. The mission of the JRC Directorate for Nuclear Safety and Security is the implementation of the JRC Euratom Research and Training Programme, the maintenance and dissemination of nuclear competences in Europe to serve both "nuclear" and "non-nuclear" Member States. JRC Directorate G supports the relevant policy DGs and is a key partner in international networks and collaborates with international organisations and prominent Academia and Research Institutes.

The Reactor Safety And Components Unit is part of Department for Nuclear Safety and Asset Management within the Directorate. The major objective of the Department is to provide scientific support to the EU nuclear safety policy. The Reactor Safety And Components Unit contributes to technological innovation of nuclear reactor safety through experimental testing, numerical simulation and modelling.

WE PROPOSE:

For the development and assessment of nuclear systems and their safety standardisation, advanced mechanical testing and environmental testing of materials constitute important tasks. The overall purpose of the present position is to provide laboratory management and engineering support to experimental projects in the field of mechanical testing, stress corrosion testing, the harmonisation of testing methodologies, and the design and construction of new testing facilities.

WE LOOK FOR:

Laboratory manager of the unit's LILLA and AMALIA laboratories for corrosion and environmentally-assisted cracking testing of metallic alloys in liquid lead and light water environments, respectively. The ideal candidate has a minimum of 1 year of working experience in similar or materials testing laboratories. The candidate should be a trained lab technician who will support the scientists working in the respective labs in their experimental work. This encompasses setting up of experiments and test devices, executing the experiments and reporting the test data. In his/her role as lab manager, the candidate will be in charge of the maintenance and calibration of LILLA/AMALIA research equipment ensuring their proper functioning. This covers regular check-up of test facilities and devices, compliance with applicable regulations, performance of small repairs, and adaption of equipment to new test conditions if needed, procurement of spare parts, test devices and service contracts. As lab manager the candidate will also be the unit's prime contact for external audits of LILLA/AMALIA, ensuring that auditing documents are properly maintained.

The candidate should have a least a level of secondary education attested by a diploma giving access to post-secondary education (higher education) and appropriate professional experience of at least three years or level of post-secondary education attested by a diploma. A good knowledge of spoken and written English (B2) is required.

INDICATIVE CONTRACT'S DURATION:

36 months initial contract with possible renewals up to maximum 6 years.

PLACE OF WORK:

Petten, the Netherlands

ELIGIBILITY CRITERIA:

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the [EPSO Permanent CAST](#)

or

– (iii) be registered [in the Specialised Call for Researchers](#) (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through its [vacancy page](#).

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.