

**2021-KRU-GI6-FGIII-019112****FG III - Laboratory Technician - Scientific/Technical****POSITION FOR:**

Member of the contract staff FG III – art. 3b of the Conditions of Employment of Other Servants
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

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 JRC.G.I.6 Unit, Research on Decommissioning and Waste Management, Karlsruhe, Germany:

The unit generates and manages independent scientific-technical knowledge in the field of spent fuel and radioactive waste management in support of Commission policy making, while fostering knowledge and confidence throughout the EU. For this purpose, G.I.6 supports the Member States with frontier infrastructure and scientific-technical expertise, contributing to the implementation of safe, cost effective solutions leading to robust long term storage and disposal of high-level waste, the definition of innovative recycling options and decommissioning applications, and supporting knowledge transfer to present and future generations.

To perform its mission, the unit maintains and operates the hot cell facilities in JRC Karlsruhe, which constitutes the JRC hub for (i) Post Irradiation Examination of conventional and advanced fuel, (ii) R&D on the back end of the fuel cycle and (iii) overall handling of highly radioactive/irradiated materials.

Further information : [Nuclear research at the JRC in brief | European Commission \(europa.eu\)](#)

WE PROPOSE:

We propose a challenging position, for a highly motivated and flexible laboratory technician, who will contribute to the overall objectives of the JRC in the field of Nuclear Safety and Security. The successful candidate will operate in a unique research laboratory facility.

The 'Alpha-Gamma' team within the unit develops, adapts and operates various remote handling technologies, in full compliance with strict safety and radioprotection procedures and regulations. In particular, we operate and maintain about 90 Master-Slave Manipulators (MSM) of various sizes and types together with several robotic arms for heavy duty or complex operations.

The installation, maintenance and repair of the manipulators includes also adaptation or design of components related to JRC specific needs. The variety of tasks range from installation of scientific instruments in hot cells to the maintenance and repair of large process equipment; all operations require dexterous manipulations and, often, in-situ dedicated intervention. Most of the interventions are non-standard activities.

Duties :

- Mechanical work on machine tools

- Intervention including repair and new installation of equipment in a controlled area
- Specification & follow up of telemanipulation operations
- Repairing & maintenance on the ~90 telemanipulators in all laboratories of the site
- Technical specification in new projects and development for remote handling
- Routine work in the alpha-gamma team such as irradiated material transports, operational waste management
- Maintain a daily logbook
- Maintain book-keeping of equipment

WE LOOK FOR:

We look for an experienced, well-organised and responsible colleague with solid background in mechanics, mechatronics or electronics. The varied and interesting work portfolio requires high motivation, eagerness to learn, team playing capacity but equally capacity to work autonomously.

The ideal candidate should have:

- at least 3 years' experience in the mentioned fields;
- good organisational skills;
- ability to work accurately with an eye for detail;
- ability to work in a proactive and autonomous way;
- ability to work according to strict quality and safety rules is essential;
- good interpersonal skills;
- oral communication skills (B2) in English or French, or German.

INDICATIVE CONTRACT'S DURATION:

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

PLACE OF WORK:

Karlsruhe (DE)

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 https://epso.europa.eu/documents/2240_en

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>.

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.