



VACANCY NOTICE

Instrumentation & Control Technical Officer

Fusion for Energy (F4E) is hiring a Instrumentation & Control Technical Officer who will play a key role in furthering F4E's contribution to the construction and operation of ITER, the largest fusion energy device/machine in the world.

Reference	Grade	Location	Closing date
F4E/TA/AD7/2021/0246	Temporary Agent AD7	Cadarache, France ⁱ	10/05/2021 - 12:00 noon (CET)

Is this job for you?

If you want to make a difference to the future of sustainable energy and would like to work on a multi-billion euro first-of-a-kind development project, this job is for you.

Leadership, the orientation to deliver quality service and well-performing projects and the ability to work at strategic level within a management team - these are some of the key traits of the successful candidate.

Several hundred industrial partners are currently under contract, designing and manufacturing complex (unique/one-off) components, with an annual expenditure in the order of 1 billion € per year. The permanent improvement of an already high quality standard throughout the supply chain is of greatest importance to F4E, both from a nuclear safety regulatory perspective, and to ensure confidence that the gigantic systems will perform to its specifications, making ITER a success.

Why F4E?

F4E, a European Union Joint Undertaking headquartered in Barcelona. It specifies and manages the production of the European contribution (45%) to ITER. This research fusion machine/device, currently under construction in Cadarache, France, will constitute a major leap towards the clean and sustainable generation of abundant baseload energy, complementing renewables. To find out more about F4E, visit us at <https://fusionforenergy.europa.eu/>.

Your key areas of impact

As a member of the Engineering Unit, the Instrumentation & Control Technical Officer will report to the Electrical Engineering - I&C - CODAC Group Leader.

The successful candidate will amongst other tasks:

- Contribute to technical management of key Instrumentation and Control contracts;
- Be a primary source of expertise in Instrumentation & Control, Electrical Engineering;
- Supervise the development of ITER and BA I&C systems;
- Supervise the supply chain in charge of developing and producing I&C systems.

What can we offer you?

Life in Cadarache

Cadarache is the site of the largest technological research and development center for energy in Europe including CEA research activities and ITER. Located in the French region of Provence, Cadarache is about 40 km from Aix-en-Provence and 60 km from Marseille. The South of France is blessed with a very privileged living environment and a mild and sunny climate. Located between the Southern Alps and the Mediterranean, Cadarache offers every conceivable sporting, leisure and cultural opportunity. The area is served by the international Marseille - Provence Airport and the national high-speed train (Aix-en-Provence TGV).

Salary and benefits

As an indication, the basic monthly salary, for grade AD7 (step 1) is currently €6294.84. In addition to the basic salary, staff members may be entitled to various allowances, in particular a household allowance, expatriation allowance (16% of basic salary and household allowance), dependent child allowance and education allowance. The salaries of temporary agents are subject to a community tax deducted at source and are exempt from national taxation.

Where you would need to relocate, you would normally benefit from relocation and removal reimbursements. F4E has agreements with a wide range of international schools to support access to schooling for the dependent children of its staff.

Work-life balance

F4E enables staff members to reconcile family and professional life by offering flexible work arrangements and teleworking.

F4E staff members enjoy a basic entitlement of 24 days of annual leave as well as +/- 18 statutory public holidays per annum. Additional leave days may be granted for age and distance from the place of origin.

How will we evaluate your application?

A Eligibility Criteria - you can apply if:

A1. You fulfil five general requirements

1. Being a citizen of one of the Member States of the European Union or of a third state fully associated with the Euratom fusion programme.
2. Enjoying your full rights as a citizenⁱⁱ.
3. Have fulfilled the obligations imposed on you by the laws of your home country concerning military service.
4. Producing the appropriate character references as to your suitability for the performance of your duties.
5. Being physically fit to perform your dutiesⁱⁱⁱ.

A2. Your Education & Experience are in line with our requirements^{iv}

On the closing date of the application process, the candidate must have:

At least a level of education which corresponds to completed university studies attested by a diploma when the normal period of university education is four years or more and, after having obtained the university degree, at least 6 years of proven professional experience;

OR

At least a level of education which corresponds to completed university studies attested by a diploma when the normal period of university education is three years and, after having obtained the university degree, at least 7 years of proven professional experience;

A3. Your Language Skills are developed

You must produce evidence of excellent written and spoken communications in English and of a satisfactory knowledge of another official language of the European Union.

B Your Qualifications and Experience

B1. It is essential that your professional history cover the following areas

- University degree in Electronic or Control System or Electrical engineering or equivalent;
- A minimum of 10 years of experience, or a Master followed by 8 years, in development of Instrumentation and Control systems or data acquisition systems for complex industrial processes or large experimental devices;
- Proven and recent experience of at least 5 years in the design, development and commissioning of I&C systems;
- Proven and recent experience of 5 at least year in managing engineering activities performed by a supplier or by an internal team;
- Good command of both written and spoken English, the working language of the ITER Project.

B2. Advantageous Selection Criteria

In addition to the above, the following criteria will be taken into account:

- Master / PHD on relevant engineering field;

- Proven experience in nuclear safety I&C design and qualification following French regulations or IEC 61513;
- Proven experience in occupational safety I&C design and qualification following French regulations or IEC 61511;
- Experience in I&C integration of large industrial or scientific building facilities (HVAC, Fire, Electrical supply, lighting);
- Experience in ITER I&C required standards and technologies (PCDH, HIMA Planar, S7-400FH, Profisafe, etc.);
- Working experience in a European or international setting.

B3. Competencies

The following competences will also be assessed:

- Possessing a disposition towards providing services to projects;
- Strong communication and interpersonal skills;
- Ability to work both autonomously and in a team;
- Ability to work under conditions that require considerable flexibility and resilience;
- Aptitude for providing guidance and advice and soft leadership.

Submission of applications

The online application process starts upon clicking “**CLICK TO APPLY**” next to a vacancy of your interest on the Open Positions page: <https://jobs.f4e.europa.eu/>

You must register your application online through the F4E E-recruitment tool by creating a valid F4E user account and submitting the documents mentioned below.

Please note that the online e-recruitment application tool is the only acceptable means of submitting/sending in job applications. You are responsible for keeping your e-mail addresses and personal details up to date in your profile in the F4E online application tool.

The mandatory fields in the profile marked with an asterisk should be duly filled in and you are requested to submit the following two documents:

- A detailed Europass Curriculum Vitae in **English** (can be obtained at the following address: <http://europass.cedefop.europa.eu/en/documents/curriculum-vitae>)
- A motivation letter of 2 pages maximum in English

**Applications must be complete and validly submitted by the closing date for submission of applications
No later than 10/05/2021 at 12h00 noon Barcelona time.**

In case you encounter technical problems when trying to submit your application via the e-Recruitment tool, please take a screenshot and send it to hr-selections@f4e.europa.eu. It is your responsibility to inform F4E about any technical problem immediately, within the deadline mentioned above.

Please, do not send any supporting documents (i.e.: copies of your ID-card, educational certificates, evidence of previous professional experience etc.) with your application at this stage if not specified in the Vacancy Notice.

Conditions of employment

Successful candidates will be placed on a Reserve List, and one of the candidates thereon may be offered this position.

For more information on the selection process of Temporary Agents and on the contractual and working conditions, please, refer to the [“Guide for applicants”](#) published on the F4E website along with this Vacancy Notice and the [Conditions of employment of Other Servants of the European Communities](#).

We are committed to Diversity & Inclusion

Fusion for Energy is an equal opportunities employer and takes care to avoid any form of discrimination. As part of its commitment to diversity, gender equality and geographical distribution, F4E strongly encourages applications from female candidates and applies a policy of equal opportunities. It does not discriminate against anyone on grounds of gender, race, colour, ethnic or social origin, genetic features, religion or belief, political or any other opinion, membership of a national minority, property, birth, disability or sexual orientation. Fusion for Energy offers measures to reconcile professional and private life and will provide reasonable adjustments at the workplace for persons with disabilities.

How is your data protected?

‘Fusion for Energy’ as the body responsible for organizing the selection process, will ensure that your personal data are processed as required by Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC Text with EEA relevance. This applies in particular to the confidentiality and security of such data. Personal data shall be processed solely for the purpose of the selection procedure.

You have the right to access and rectify your data. To update your CV and/or Motivation Letter and rectify any incorrect or inaccurate data, please login into your e-recruitment profile before the deadline for submission of the applications elapses.

After the deadline for applications has elapsed, this right will be limited to the rectification of identification details and contact information only.

Vacancy published on F4E website on 08/04/2021.

ⁱ Given the needs of the organisation, the candidate may be offered a position at any of the other F4E working places.

ⁱⁱ Prior to any appointment, the successful candidate will be asked to provide a certificate issued by the competent authority attesting the absence of any criminal record.

ⁱⁱⁱ Before their appointment, the candidate shall be medically examined in line with requirement of Article 12(2) (d) of the Conditions of employment of other servants of the European Communities.

^{iv} Only study titles that have been awarded by the Members of the Joint Undertaking or that are subject to the equivalence certificates issued by the authorities in the said Member States shall be taken into consideration.