

**VACANCY NOTICE**  
**Ref: F4E/CA/FGIV/2007/0014**  
**(Contract Agent – FG IV)**

<b>POSITION TITLE</b>	<b>CATIA™ Designer (F/M)</b>
<b>FUNCTION GROUP</b>	<b>IV</b>
<b>LOCATION</b>	<b>BARCELONA, SPAIN</b>
<b>CLOSING DATE FOR APPLICATIONS</b>	<b>07/01/2008</b>

## 1. THE ORGANISATION

With a budget of around €4 billion for the first ten years, the European Joint Undertaking for ITER and the Development of Fusion Energy ('Fusion for Energy') will play a key role in realising fusion as a possible future source of energy by providing the European contributions to the ITER International fusion energy project, the Broader Approach Agreement with Japan as well as to prepare for demonstration fusion reactors.

In its role as the Euratom Domestic Agency for ITER, 'Fusion for Energy' will:

- Oversee preparation of the ITER project site in Cadarache, France;
- Provide in kind components, equipment, materials and other resources to ITER;
- Manage procurement arrangements with ITER ;
- Coordinate Euratom's participation in the scientific exploitation of ITER;
- Provide for the implementation of R&D activities in support ITER;
- Provide Euratom's financial contribution to ITER;
- Provide arrangements to make human resources available for ITER.

In its role as the Implementing Agency for the Broader Approach Agreement with Japan, the Joint Undertaking will:

- Provide components, equipment and other resources for the Broader Approach;
- Coordinate Euratom's participation in the Broader Approach implementation ;
- Provide for the implementation of associated R&D activities;
- Provide the Euratom financial contribution to the Broader Approach;
- Arrange to make human resources available for the Broader Approach.

In preparation for the construction of a demonstration fusion reactor (DEMO) and related facilities including the International Fusion Materials Irradiation Facility (IFMIF), the Joint Undertaking will implement a programme of research, development and design activities.



For further information about the structure and tasks of 'Fusion for Energy' please consult the website at <http://fusionforenergy.europa.eu>

## 2. JOB DESCRIPTION

The CATIA™ Designer will work in the Joint Undertaking's CAD Office, which is part of the ITER Department. He/she will report directly to the Head of the CAD Office.

His/her work will include:

- coordinating and providing support in the exchange of CAD data with both ITER and the EU suppliers (i.e. industry and EU fusion Associations);
- identifying and retrieving required ITER CAD (CATIA™ V5) data and distributing it to the relevant staff in the Joint Undertaking, according to the needs;
- organizing filing/management/workflow of the CAD data, both the internally generated ones and those provided to 'Fusion for Energy' from external sources (i.e. ITER, EU suppliers);
- daily using the 'Fusion for Energy' PLM solution (ENOVIA™ SMARTTEAM) and, possibly, a tailored ENOVIA™ LCA interface with ITER;
- liaising with Design Offices of EU suppliers to provide help on matters concerning ITER CAD "code of practice" and required standards and rules;
- supervising the regular update of the 'Fusion for Energy' Digital Mock-Ups (DMUs) of the work packages corresponding to systems/components to be procured by 'Fusion for Energy';
- providing support to the 'Fusion for Energy' Responsible Officers (RO) in the analysis and checking of CAD models;
- providing support in the creation of any design task that may be carried out by 'Fusion for Energy'.

## 3. QUALIFICATIONS AND EXPERIENCE REQUIRED

### A. ELIGIBILITY CRITERIA

A1. In order to be eligible the candidate must:

- Be normally a citizen of one of the Member States of the European Union or of a Third state fully associated with the Euratom fusion programme (Switzerland).
- Enjoy his/her full rights as a citizen.<sup>1</sup>

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<sup>1</sup> 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.

- Have fulfilled the obligations imposed on them by the laws of their home country concerning military service.
- Meet the character requirements for the duties involved.
- Be physically fit to perform their duties<sup>2</sup>.

A2. On the closing date for registration, the candidate must possess:

A level of education which corresponds to completed university studies of at least three years attested by a diploma.

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.

In addition to the above, 3 years of professional experience relevant to the duties concerned after the university degree.

A3. The candidate must possess a thorough knowledge of one of the official languages of the European Union and a satisfactory knowledge of another language of the European Union to the extent necessary for the performance of his/her duties.

## **B. SELECTION CRITERIA**

### **B1 Essential**

- University degree in mechanical engineering or in another engineering discipline;
- Proven experience in mechanical design;
- Proven experience in CATIA, including at least 2 years in CATIA™ V5;
- Experience in design integration of complex 3D models;
- Working experience in a CAD office;
- Good interpersonal skills and ability to integrate into an international and multicultural environment;
- Good working knowledge of English, the main working language of the organization.

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<sup>2</sup> Before his/her appointment, the candidate shall be medically examined in line with requirement of Article 82(3)(d) of the Conditions of employment of other servants of the European Communities.

B2 Advantageous

- Experience in nuclear design;
- Experience with a PLM system (i.e. ENOVIA™ SMARTEAM or ENOVIA™ LCA);
- Knowledge of fusion topics.

#### **4. CONDITIONS OF EMPLOYMENT**

A contract offer will be made as a Contract staff member, pursuant to Article 3a) of the Conditions of Employment of other Servants of the European Communities, for an initial period of three years, with the possibility of renewal. The probationary period is 9 months.

The successful candidate will be recruited in **function group IV (FG IV)**. The grade (13, 14 or 16) will be determined in accordance with the years of professional experience. The basic monthly salary for FG IV (grade 13 step 1) is 2.901,31 €. For further information on remuneration for contract agents, visit: [http://ec.europa.eu/civil\\_service/job/contract/index\\_en.htm](http://ec.europa.eu/civil_service/job/contract/index_en.htm).

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 salary is subject to a reasonable Community tax deducted at source and staff members are exempt of national taxation.

The European institutions have their own social security and pension scheme.

Under certain circumstances, in particular where the jobholder is obliged to change his/her place of residence in order to take up employment, 'Fusion for Energy' may also reimburse various expenses incurred on recruitment, notably removal expenses.

The place of employment is Barcelona, Spain.

Please note that a binding commitment can only be made after verification of all conditions and will take form of a contract signed by the Director of 'Fusion for Energy', on proposal by the Selection Committee.

For reasons related to the 'Fusion for Energy's operational requirements, the candidate will be required to be available at short notice.

#### **Commitment to promote equal opportunities:**

'Fusion for Energy' is an equal opportunities employer and strongly encourages applications from all candidates who fulfil the eligibility and selection criteria without any distinction whatsoever on



grounds of nationality, age, race, political, philosophical or religious conviction, gender or sexual orientation and regardless of disabilities, marital status or other family situation.

## **5. SELECTION PROCEDURE**

A Selection Committee will be set up for the selection process. The eligibility of candidates will be assessed by the Committee according to compliance with all formal requirements by the closing date for the submission of applications. Eligible candidates who meet all essential selection criteria and have the best profiles for the specific needs will be invited for an interview, which will be held in English.

The interview will focus in particular on the candidate's specialist knowledge in the field of the selection and his/her knowledge of the main developments in European integration and Community policies. The interview is also designed to evaluate his/her linguistic skills and ability to adjust to working in a multicultural environment.

The interview session will be held in Barcelona, Spain.

Please note that the Selection Committee's work and deliberations are strictly confidential and that any contact with its members is strictly forbidden.

After the interviews, the Selection Committee will draw up a reserve list with the most suitable candidates, which will be adopted by the Director of 'Fusion for Energy' and will be valid until 31 December 2008 (validity may be extended). As soon as this decision is taken, successful candidates will receive an information letter. However, candidates should note that inclusion in the reserve list does not guarantee recruitment.

Please note that a binding commitment can only be made after verification of all conditions and will take the form of a contract signed by the Director of 'Fusion for Energy'.

Please note that applications will not be returned to candidates but will be kept on file by 'Fusion for Energy'. The information provided in your application is subject to EU legislation on protection of personal data and confidentiality of information.

If at any stage of the procedure it is established that any of the information a candidate provided is incorrect, this candidate will be disqualified.

## 6. SUBMISSION OF APPLICATIONS

Each application shall contain the following documents:

- A detailed curriculum vitae in European format in English (that can be obtained at the following address:  
<http://europass.cedefop.europa.eu/europass/home/vernav/Europasss+Documents/Europass+CV/navigate.action>
- A motivation letter of 2 pages maximum in English including a clear mention of the post applied for and of your address for correspondence and for invitation to interview

These two documents should be sent, specifying the position title and reference of vacancy notice, by electronic mail only to:

**rtd-f4e-ca2007014@ec.europa.eu**

Please, note that only complete applications containing the above-mentioned documents and information required and submitted on time will be taken into account.

Taking into account the nature of the duties, and in order to facilitate the selection process, all communications to candidates concerning this selection procedure will be in English.

**Do not send supporting documents with your application** (i.e.: copies of your ID-card, educational certificates, evidence of previous professional experience etc.). Candidates invited for an interview will be requested to present copies of their diplomas and proof of their professional experience.

**Closing date: Applications must be sent no later than 07/01/2008 at 12h00 noon, Barcelona GMT+1**