

Coordination Officer for Tokamak and Stellarator Exploitation

Job Description

The EUROfusion Fusion Science Department (FSD) is responsible to provide the physics basis for ITER and DEMO integrated scenarios and to find answers for physics questions in fulfilment of the goals of the Fusion Roadmap. To achieve this a stepladder approach with machines of different capabilities, sizes and parameters is used. The FSD ensures an integrating approach to achieve the necessary results utilising the available European experimental facilities in an optimal manner. Providing a reliable physics basis for DEMO design and extrapolation to operational parameters is an important goal. The FSD manages the development of computational methods, and code validation and verification (TSVV), advanced computing activities and the physics programme relating to plasma wall interaction. Preparation for ITER operation and enabling physics research form two further parts of the integrated activities.

Main Responsibilities

- Ensure high level coordination of the Tokamak and Stellarator Exploitation
- Participate in the Experimental Planning committees for JET/MST/SA/W7-X. Document and follow up on important actions and decisions from meetings
- Manage relationships with all individuals and organizations that are actively involved in the tokamak and stellarator exploitation
- Support the collegium of Task Force Leaders in the elaboration of the Annual Work Plans
- Monitor the JET/MST/SA/W7-X scientific exploitation
- Monitor the activities and progress for the fusion roadmap missions 1 and 8
- Prepare calls for proposals and participation in JET/MST/SA/W7-X in close collaboration with the Coordination Officers for Divertor and Exhaust Physics
- Provide support information to the EUROfusion Programme Management Office as needed

Required skills and competencies

- PhD degree in Physics
- Proven scientific competence and at least 10 years of experience in the field
- Broad understanding of the scientific questions to be addressed and their relation to other elements in the programme
- Proven capability to work with a diverse range of stakeholders
- Ability to work effectively both independently and as part of a team
- Good interpersonal skills
- Excellent written and verbal communication in English

The Coordination Officer(s) for Tokamak and Stellarator Exploitation will be based in Garching, Germany and will report to the head of the FSD.

Date of Job Vacancy: January 1st, 2021

Application deadline: October 19th, 2020

The applicant will ideally already have a work contract with a EUROfusion Beneficiary and will be seconded to the EUROfusion Programme Management Unit (PMU) in Garching. Otherwise, she/he will have to secure a work contract with one of the Beneficiaries, to be seconded to the PMU in Garching.

The EUROfusion secondment will run until the end of the Horizon Europe framework period (31 December 2027), but the actual labour contract might be subject to the rules, regulations and conditions of the Beneficiary that employs the applicant.

EUROfusion strives for diversity and inclusion, and explicitly encourages members of minority groups and females to apply for this position.

In case the candidate is shortlisted, the interviews will take place between mid-October and early November.

Please have your completed application including CV, cover letter and examples of your past-related work experience sent through your GA member/HoRU to: anne.graebner@euro-fusion.org.

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