



PROGRAMME MANAGEMENT UNIT, ITER Physics Department

**TITLE OF THE POSITION:** Responsible Officer for the stellarator physics Work Packages (S1 and S2) in the ITER Physics Department.

A position is available for the Responsible Officer in the ITER Physics Department of the EUROfusion Programme Management Unit in Garching, Germany. The Responsible Officer reports to the Head and Deputy Head of the ITER Physics Department.

The ITER Physics Department supports the Programme Manager in the implementation of the European fusion physics Roadmap for the 14 Work Packages: JET Campaign (JET1), Medium Sized Tokamak Campaigns (MST1) and Support Activities (MST2), Technological Exploitation of DT Operation (JET3), JET Enhancements (JET4), JET Plasma-Facing Components (JET2), PFC Test Facility Work (PFC), Assessment of New Divertor Concepts (DTT1) and the Design of the Divertor Test Tokamak (DTT2), Preparation for the Exploitation of JT-60SA (SA), Code Development (CD), Hardware and Software Integrated Support Activities (ISA), and the W7-X Stellarator Campaigns (S1) and Stellarator Optimization (S2).

The successful candidate shall be responsible for the two stellarator physics and engineering Work Packages (S1 and S2) where they shall work with and support the Project and Task Force Leaders. They shall also take a leading role in developing and overseeing the ITER Physics Department strategy in the stellarator area. The duties of the Responsible Officer are listed below:

- Definition of the S1 and S2 Work Programmes: call appropriate meetings, prepare documentation, oversee and support the evaluation of proposals, prepare annual work programme, the Task Agreement, in liaison with the S1 and S2 Project Leader.
- Implementation of the S1 EUROfusion experimental campaigns on W7-X: coordinate and support the preparation and execution of experiments, their analysis and the dissemination of results. W7-X enhancement projects shall also be supported.
- Implementation of the Annual S1 and S2 Work Programmes: ensure good budget control, monitor project progress, report progress to the Programme Manager.
- Evaluation of the S1 and S2 Work Programmes: review and report on the achievements of the project members.
- Programme planning: Support the Programme Manager to ensure that the level-1 schedule of the Roadmap is maintained. Specifically, in the area of stellarators, lead activities on the planning and monitoring of the EUROfusion strategy.
- Work Programme integration: coordinate work with relevant work in other campaigns and projects and liaise with relevant external bodies, including the ITER Organisation and F4E.

In addition, the successful candidate shall support the Programme Manager in other reasonable duties in support of the Fusion Roadmap, particularly in relation to stellarators.



Candidates shall have:

- significant experience in plasma physics at PhD level or above in an area related to stellarator physics;
- experience in preparing and monitoring scientific programmes;
- a good working knowledge of English;
- ability to work in an international team;
- experience in project management.

The Responsible Officer shall work in Garching (Germany) and report to the Head and Deputy Head of the ITER Physics Department.

Candidates shall provide a CV and a motivation letter.

ENVISAGED STARTING DATE OF EMPLOYMENT: Immediate

APPLICATION REQUESTED BY: 8 April 2016

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