



china eu india japan korea russia usa

JOB DETAIL

My space

See jobs

My job alert

>>

Ref. IO1064 - 12/18/2009

Diagnostics Physicist - CHD-022

Main job	Plasma physics
Type of contract	Fixed term contract
Grade	P4
Purpose	<ul style="list-style-type: none"> - To be responsible for the design, supporting research and development, prototyping, and integration of the diagnostics necessary for measuring divertor plate erosion, dust and tritium retention as well as project execution; - To prepare relevant safety documentation on these topics and contribute to the ITER safety case.
Main duties / Responsibilities	<ul style="list-style-type: none"> - Supports the Division Head in all matters related to the diagnostic systems for ITER construction; - Is responsible for the preparation and procurement of various diagnostics especially those necessary for divertor plate erosion, dust and tritium retention measurements; - Oversees and manages all technical aspects of these systems; - Assists in developing and preparing the project and technical strategy and methods needed to handle dust and tritium retention in ITER; - Develops detailed project implementation plans for all related work, and monitors and controls cost and schedules for all related activities; - Develops necessary documentation on these systems; - Effectively interfaces with other ITER Organization Departments and with ITER Domestic Agencies as necessary to achieve successful implementation; - Assists in the development of the ITER diagnostic systems and appropriate documentation as needed; - Shows strong commitment to the ITER Safety Program and enforces it through individual behaviour and in his/her Organization; - Maintains a strong commitment to the implementation and perpetuation of ITER values and ethics.
Direct employment	Not required
Measures of effectiveness	<ul style="list-style-type: none"> - Successfully develops the design of diagnostic systems especially those for erosion, dust and tritium measurement; - Successfully maintains effective communication with all interfacing divisions and sections within the ITER Organization, and with the Domestic Agencies; - Completes the design, fabrication and implementation of these diagnostic systems in a timely manner and within the defined budget; - Satisfactorily develops the appropriate documentation including the contributions to the ITER safety documentation.
Level of study	Master, equivalent or higher degree
Diploma	Experimental Physics
Level of experience	10 to 15 years
Technical experience	<ul style="list-style-type: none"> - At least 10 years of relevant experience in Experimental Physics and diagnostic systems; - Experience in the project initiation, management, design, installation and operation of diagnostic systems on magnetic fusion devices; - Knowledge of the ITER diagnostic systems and their technical requirements would be an advantage; - Experience in project management and in effective Quality Assurance management.
Specific skills	<ul style="list-style-type: none"> - Knowledge and experience working with appropriate software tools to meet the technical requirements of the post, for example IDL (Interactive Data Language) or MATLAB; - Experience with formal project management system;

- Excellent presentational skills;
- Project planning tools.

[Modify your criteria](#)[New search](#)[Back](#)[Apply](#)[Send to a friend](#)[Print offer](#)[>>](#)

For more information about ITER, visit our web site : <http://www.iter.org>

© 2005-2011 ITER-Profils. All Rights Reserved.