



the way to new energy

china eu india japan korea russia usa


JOB DETAIL

Ref. IO1624 - 1/4/2016

Postdoctoral Researcher (4 openings)

Main job	Science or Technology
Department	To be determined
Job Family	Postdoctoral Researcher
Application Deadline (MM/DD/YYYY)	03/01/2016
Grade	P1
Direct employment	Required
Purpose	To pursue a programme of original research in an area of fusion science or technology relevant to the ITER Project. (see more details about these openings at http://www.iter.org/monaco2016)
Main duties / Responsibilities	<p>Carries out original research under an agreed programme in support of the development of fusion energy; research possibilities exist in many areas of fusion science and technology, including:</p> <ul style="list-style-type: none">– Burning plasma physics (confinement, stability, plasma-wall interactions, plasma control, energetic particle physics);– Heating and current drive physics and technology;– Fusion plasma diagnostics;– Control systems and methodology;– Superconducting magnet technology;– Electrical engineering;– Mechanical engineering/ structural analysis;– Remote handling technology;– Vacuum technology and plasma fuelling technology;– Cryogenics;– Thermohydraulics. <p>As appropriate, establishes collaborations with researchers working in related areas in fusion laboratories in the ITER Members;</p> <p>Publishes the results of research in appropriate conference proceedings and refereed journals;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the appropriate line management within the ITER Organization.</p> <p>Interfaces to members of IO staff and external experts/ contractors as appropriate to the research programme.</p>
Measures of effectiveness	<p>Contributes effectively to progress in the area of fusion science or technology defined by the agreed research programme;</p> <p>Contributes to the team activity in the relevant area of the ITER Project;</p> <p>Supports the activities of the ITER Organization as required.</p> <p>Project Construction Phase</p>
Level of study	PhD or equivalent degree
Diploma	ITER-related scientific or engineering field
Level of experience	Young graduate
Technical	Research experience commensurate with that required for

My space

 See jobs

My job alert

experience/knowledge	the award of a PhD.
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
General skills	Necessary qualifications: <ul style="list-style-type: none">– The applicant must be a national of one of the ITER Members or of the Principality of Monaco;– The applicant must have received their PhD since 1 January, 2013 , or must receive their PhD prior to the deadline for beginning the Fellowship. Computer and IT skills: <ul style="list-style-type: none">– Normal skills in use of PCs, including office software;– Knowledge of computational methods for physics or engineering analysis would be an advantage;– Knowledge of common scientific computing languages (e.g. Fortran, C) would be an advantage.
Others	How to Apply (see also at http://www.iter.org/monaco2016) : Applicants are requested to apply through the ITER.org job site. The e-Recruitment system will require you to: 1) Fill-in an online application file 2) Upload the your Curriculum Vitae (including a list of your publications and photocopies of your highest academic qualification) 3) Upload a letter of motivation (limited to 2 pages) Important: Three letters of recommendation are also required. Please send those letters together with a copy of your CV, publication list and motivation letter in one PDF file to HRRecruitment@ iter.org with the subject: "2016 Monaco Fellowship application" Note: For merging documents into a single PDF file, free software is available at angusj.com Further Information: For questions related to aspects of the Monaco/ITER Postdoctoral Fellowships or the associated research projects please contact David.Campbell@iter.org .
Languages	English (Working)

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