

# Job Title: System Integration Section Leader IO0939

Req ID **1282** - Posted **28/01/2020** - (France, 13067 St Paul Lez Durance Cedex) - **Managerial - New Posting**

The ITER Organization brings together people from all over the world to be part of a thrilling human adventure in southern France—building the ITER Tokamak. We require the best people in every domain.

We offer challenging full-time assignments in a wide range of areas and encourage applications from candidates with all levels of experience, from recent graduates to experienced professionals. Applications from under-represented ITER Members and from female candidates are strongly encouraged as the ITER Organization supports diversity and gender equality in the workplace.

Our working environment is truly multi-cultural, with 29 different nationalities represented among staff. The ITER Organization Code of Conduct gives guidance in matters of professional ethics to all staff and serves as a reference for the public with regards to the standards of conduct that third parties are entitled to expect when dealing with the ITER Organization.

The south of France is blessed with a very privileged living environment and a mild and sunny climate. The ITER Project is based in Saint Paul-lez-Durance, located between the southern Alps and the Mediterranean Sea—an area offering every conceivable sporting, leisure, and cultural opportunity.

To see why ITER is a great place to work, please look at this video

**Application deadline:** 08/03/2020

**Domain:** Engineering

**Department:** Central Integration Office

**Division:** Physical & Functional Integration

**Section:** System Integration

**Job Family:** Line Management

**Job Role:** Section Leader

**Job Grade:** P5

**Language requirements:** Fluent in English (written & spoken)

**Contract duration:** Up to 5 years

## **Purpose**

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To lead the System Integration Section (SIS) and support the Head of the Physical and Functional Integration Division in all matters related to the systems integration;

To manage and coordinate all activities related to systems functional integration, engineering, control of the interfaces, implementation of Safety and performance requirements, interfaces for construction and finally integrated commissioning & operation of the ITER project;

To resolve transverse functions issues and participate in the development of alternative engineering design solutions if needed.

## **Background**

The Physical and Functional Integration Division is in charge of integration studies and reviews for the ITER project. Within this division, System Integration Section has the responsibility to support design teams in system engineering activities and especially requirement, configuration and interfaces management.

## **Major Duties/Roles & Responsibilities**

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### **Management**

- Supervises staff and coordinates the activities within SIS in order to execute missions in the respect of the approved scope, budget and schedule;

- Maximizes human capital and people's commitment to achieving the ITER Organization (IO) goals;
- Sets the individual objectives of the team members in alignment with the Division's objectives and roadmap in addition to evaluating the team member performance;
- Provides effective leadership for the section, ensuring that team members are motivated and constantly developing their skills and experience in tandem with managing the corresponding resourcing plan in line with defined missions.

#### Technical coordination

- Sets up and implements Systems Engineering processes, in particular interface management, propagation of requirements in terms of the design and proof of compliance,
- Coordinates and controls the appropriate propagation of technical and safety requirements and the implementation of transverse functions allocated to System Integration Section;
- Participates in Project Change and Issue management and coordinates the technical assessment of change requests which may affect requirements and interfaces;
- Ensures technical consistency in line with approved procedures and engineering plans;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays.

#### **Measure of Effectiveness**

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- Builds-up and manages effectively the SIS section to fulfill the roles and missions as described above;
- Establishes a collaborative attitude and effective communication with all involved stakeholders;
- Successfully generates and maintains trustworthy, up-to-date information related to the ITER Facility's technical scope;
- Successfully supports the Physical and Functional Division Head and other ITER Departments in implementing the ITER technical scope and tracking design work progress;
- Responsible for implementation of safety nuclear regulation and other safety standards into the Section's work;
- Responsible for adherence by team members to technical standards.

#### **Experience & Profile**

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- ***Professional Experience:***
- At least 10 years' experience in managing systems engineering design and integration of large international scientific and/or nuclear projects (including requirement, interface and configuration management)
- ***Education:***
  - Master's degree or equivalent in an Engineering field or other relevant discipline.
  - The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.
- ***Language requirements:***
- Fluent in English (written and spoken).
- ***Technical and managerial Competencies and demonstrated experience in:***
- Team management providing leadership and ensuring development of competencies, coaching the team members and proposing a training plan;
- Engineering managerial or coordinating position, preferably in a nuclear industry environment, interacting with experts in different technical disciplines;

- The construction and commissioning of complex or nuclear facilities;
- Interface management, propagation of requirements in terms of the design and proof of compliance; Using proficiently the Microsoft Office package;
- Implementing nuclear quality assurance program, safety regulations, codes and standards would be considered as an advantage.
- ***Behavioral Competencies:***
- Instill trust: Ability to model high standards of team mindset, trust, excellence, loyalty and integrity;
- Communicate Effectively: Able to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;
- Collaborate: Ability to (facilitate) dialogue with a wide variety of contributors and stakeholders;
- Manage Complexity: Ability to gather multiple and diverse sources of information to understand/define problems accurately before moving to proposals/solutions;
- Capable of resolving conflicts and managing technical discussion towards achieving the results desired
- Drive results: Ability to persist in the face of challenges to meet deadlines with high standards.

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***The following important information shall apply to all jobs at ITER Organization:***

- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct;
- ITER Core technical competencies of 1) Nuclear Safety, environment, radioprotection and pressured equipment 2) Occupational Health, safety & security 3) Quality assurance processes. Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members;
- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- May be requested to work on beryllium-containing components. In this case, you will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Training and support will be provided by the ITER Organization;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- Informs the IO Director-General, Domain Head, or Department/Office Head of any important and urgent issues that cannot be handled by line management and that may jeopardize the achievement of the Project's objectives.