

**Position**  
**Physicist – Experimental/Modeling profile**

**Title**

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**Minimum requirements**

PhD in Physics, Chemistry, or Engineering

**Competence group**

Experimental physics group

**Scope of the group's expertise**

Participation in experimental campaigns at the ITER Neutral Beam Test Facility.  
Development of diagnostics for plasmas and fusion-relevant systems; data analysis and development of codes for data interpretation and plasma parameter reconstruction.

**Duties and responsibilities**

- Contribute to the planning of experimental campaigns at the RFX Consortium facilities to achieve expected results;
- Participate in experimental campaigns, including shift work;
- Lead experimental campaigns related to assigned responsibilities and provide regular reports on achieved results;
- Perform numerical plasma simulations, supporting the interpretation of diagnostic data or the development of new diagnostics.

**Preferred requirements**

- Experience in numerical modeling and computational techniques, or in the development and operation of diagnostics;
- Knowledge of Python, MATLAB, IDL, or similar for data analysis;
- Knowledge of programming languages C/C++ and/or FORTRAN;
- Experience in plasma physics modeling.

**Contract type**

Fixed-term position: 2-year contract, renewable