

MECHANICAL ENGINEER – MODELLING & SIMULATION IN FRANCE

JOB DESCRIPTION:

EURES Agenzia Piemonte Lavoro is seeking a mechanical Engineer – Modelling & Simulation for Europe's leading research facility for scientific research using neutrons in Grenoble, France. The facility operates the brightest neutron source in the world, reliably delivering intense neutron beams to 43 unique scientific instruments. As part of the Projects and Techniques Division, the Design, Calculations and Construction service is responsible, among other things, for modelling, designing and producing complex assemblies for projects being carried out in the Institute's Science and Reactor Divisions. In this role, you will be responsible for carrying out numerical analyses and simulations in order to validate and optimise mechanical designs. You will ensure the reliability, performance and safety of the mechanical structures, systems and equipment developed.

SKILLS:

- You have a Master's degree or equivalent qualification in mechanical engineering (or related field) and at least 5 years' experience of performing mechanical design calculations, ideally in a design office. Experience of civil engineering design calculations would be an asset.
- You are proficient in finite element analysis and mechanical simulation using ANSYS, as well as static, dynamic, fatigue, vibration and impact methods. You have a thorough knowledge of the standards and regulations in force and are familiar with CODAP, RCC-M and Eurocodes.
- You are meticulous and methodical, able to work independently, and have a proactive approach to proposing solutions.

PLACE OF WORK: Grenoble, France

WORK CONDITIONS:

- Permanent position
- Salary: from €23k to €55k, depending on experience
- Possibility of home working (under certain conditions), generous annual paid leave entitlement and a host of other benefits that you will discover when you arrive
- Generous social benefits (expatriation allowance, excellent health cover), moving and relocation assistance (under certain conditions) and an annual productivity bonus.
- Language courses for you and your partner and subsidies for the use of public transport and the staff canteen, as well as for holidays and a variety of cultural and sports activities.

HOW TO APPLY:

If you are interested in this position, apply directly via the careers website: <https://www.ill.eu/careers>, ref. 25/53, **before 12/10/2025**.

Please add "ref. 25/53 - EURES PIEMONTE" in the section notes of your CV.

Please note that all applicants are subject to administrative screening (background checks). For this post, medical fitness (including for work under ionising radiation) is required. You will also have to perform an emergency response role in the event of a crisis. Please note that the interviews will take place between November 17 and 21, 2025.



We are committed to equal opportunities and diversity and therefore welcome applications from all suitably qualified candidates.

