



**French-German Research Institute of Saint-Louis**

The **French-German Research Institute of Saint-Louis (ISL)** situated in the border triangle of Germany, France and Switzerland is an internationally renowned research institute belonging to a global industrial and economic network. The spectrum of our core activities comprises a variety of topics: aerodynamics, energetic and advanced materials, lasers and electromagnetic technologies, protection, security and situational awareness. Our activities are related to both basic and applied research.

[www.isl.eu](http://www.isl.eu)

For immediate placement, we are currently looking for an

## Engineer for the Mechanical Characterisation of Materials (m/f/d)

### Your new tasks and responsibilities - challenging and future-oriented

- ◆ The mechanical characterisation of materials includes the following tasks:
  - Carrying out tensile and compression tests
  - Developing mechanical testing tools
  - Performing hardness tests
- ◆ The jobholder will take over responsibility for the following equipment: quasi-static testing systems (universal presses), drop tower, training programmes for interns and PhDs, maintenance of the presses. Furthermore, he will be in charge of the following tasks:
- ◆ Ensuring compliance with related health and safety rules
- ◆ Using and developing numerical and mathematical tools: Modelling and simulation of test fixtures and results
- ◆ Follow-up of governmental and third-party contracts, writing concluding reports
- ◆ Supervising students (interns and PhD students)
- ◆ Publication of scientific works through lectures or articles in scientific journals

### Your qualifications – solid and appropriate

- ◆ You are an engineering graduate or you have a Master's degree preferably in the following field: Mechanical and Materials Engineering
- ◆ You have, ideally, experience in doing numerical simulations and/or CAO
- ◆ You have good communication skills. You like to work in a team and to take initiatives. You are an effective organiser adapting yourself easily to new situations.
- ◆ You have a good level in French and/or German

### We offer you

We propose to employ you on a fixed-term contract for three years with possibility of renewal.

We offer attractive remuneration, flexible work arrangements and many opportunities for vocational training and further development.

**If this challenging description fits your profile, we are looking forward to receiving your complete application documents, mentioning the keyword: "AMT-I".**

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