



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

For immediate placement, we are currently looking for a

Research engineer for laser-matter interaction (m/f/d)

Your new tasks

- ◆ Provide support for simulations of laser-matter interaction
- ◆ Conceive and develop mechanical components for optical setups
- ◆ Develop, setup and operate test stations
- ◆ Plan, conduct and document experiments in laser-matter interaction
- ◆ Exploit test results and contribute to the writing of test reports
- ◆ Active involvement in the constant renewal of technical equipment for the test stations

Your qualifications

- ◆ University degree (Master/Diploma) in natural sciences, metrology/optics/physics

Knowledge and experience on the following fields would be appreciated

- ◆ Experience in setting up and conducting experiments
- ◆ Experience in laser security appreciated
- ◆ Good knowledge of simulation tools for laser-matter interaction (optics, thermodynamics)

Other skills

- ◆ A good command of French or German would be an advantage
- ◆ Organizational and communication skills, ability to work in teams

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 und further development.

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

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