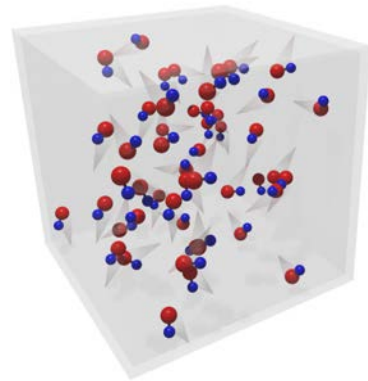


*Are you interested in realizing a new cutting-edge experiment at the forefront of quantum physics?*

## **Opportunities for Bachelor and Master students**

at the 5<sup>th</sup> Institute of Physics, University of Stuttgart

We are currently setting up a new experiment to directly laser cool and study diatomic molecules. With applications ranging from quantum many-body physics to cold collisions and precision measurements, the creation of a cold molecular gas will enable many fascinating insights at the interplay of physics and chemistry.



We are currently seeking enthusiastic candidates for the following projects:

- **Setup of a buffer gas source for cold molecules**
- **Design of a diode laser system for the cooling of diatomic molecules**

If you are interested in learning more, please contact Dr. Tim Langen ([t.langen@physik.uni-stuttgart.de](mailto:t.langen@physik.uni-stuttgart.de)) or visit

**[www.pi5.uni-stuttgart.de](http://www.pi5.uni-stuttgart.de)**

