



HE Space is a successful international space company. For nearly 40 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a Functional Propulsion Engineer to support our customer in Germany.

Functional Propulsion Engineer

Key Tasks and Responsibilities

As part of the Propulsion team, you will have the following responsibilities:

- Definition of the Propulsion System Architecture based on System level requirement definition manifested in Propulsion System Specifications;
- Translate Propulsion System specifications toward Components/Products
- Contribute to Propulsion System verification and validation;
- Developing engineering models needed for the design, qualification and verification of the Propulsion System;
- Modelling fluidic behaviour in propellant tanks under typical aerospace relevant conditions such as microgravity using CFD software;
- Thermodynamic understanding of the behaviour of cryogenic propellants within tanks under dynamic conditions;
- Evaluation and interpretation of results;
- Model Configuration Management;
- Contributing to the documentation.

Skills & Experience

You will have the following qualifications and relevant experience:

- Bachelor's level of education in relevant field: Aerospace, engineering etc.
- Minimum of 3 years' experience in the propulsion field;
- Advanced knowledge in Propulsion System Modelling;
- Experience with CFD (Flow3D);
- Background of Thermodynamics will be considered an asset;
- Good communication skills to ensure the flow of information;
- The ability to integrate into a team;
- High level of responsibility, resilience and organisational skills;
- Fluency in English is mandatory; knowledge of German and another European language is an advantage.

This job is located in **Bremen**.

If you think you have what it takes for this job, please send your CV together with a letter of motivation (both in English and in Word or PDF) to Vicente Gracia, by clicking on the button "Apply for this job" quoting job **DE-HP-4869** before **15-May-20**.

An exciting and dynamic international working environment awaits you!

Please note: Due to work permit requirements for this position, please apply only if you are citizen of a European Union state or if you are eligible to obtain a work permit for Germany.

Passionate about people and passionate about space