



**Do you want to disrupt the space market together with us?
Then this job is for you!**

We are looking for a

Intern for HyNOx Propulsion Systems (F/M/X)

Time: 6 Months +

Start date: Immediately

You will contribute to the development of ISPTech's in-space propulsion systems based on the green, storable propellants nitrous oxide (N₂O) and ethane (C₂H₆). You will work together with engineers on ongoing customer and internal projects. This includes a variety of different tasks.

With a lean team and fast decision-making, you will have the opportunity to demonstrate a problem-solving approach and work closely with others. You will have a large degree of freedom to operate.

The background

Space business is booming: the space market is growing rapidly, new market segments are opening, and disruptive changes are taking place. As consequence of this rapid growth, the number of satellites and spacecraft is strongly increasing – and many spacecraft need a propulsion system to perform their specific task.

Who we are

ISPTech builds green, innovative and affordable propulsion technologies for any spacecraft size. Based on more than 10 years of research and development at the German Aerospace Center (DLR), the founders developed technologies that work with green (non-toxic) propellants. Our systems are characterized by a high efficiency, reliability and allow significant cost reductions.

We will satisfy the desperate demand for affordable, green and robust propulsion technologies and propel the whole space ecosystem.

Recently, we raised a pre-seed round and our relevance for the NewSpace market is backed by renowned deep-tech investors.

Your Main Responsibilities

- Prepare components and systems for test campaigns.
- Conduct and analyse tests at internal and external facilities.
- Assist with the qualification and acceptance of components for launcher requirements.
- Design, optimize and oversee manufacturing of components for space propulsion systems.
- Help with the assembly and integration of propulsion systems.



Your Qualification

- Studying aerospace engineering, mechanical engineering or related field
- Interest in space sector and space hardware
- Hands-on mentality, not afraid of getting hands dirty and approaching new fields of work
- Fluent in English, German is a plus
- Experience with CAD tools (e.g. Fusion, NX, Catia, Inventor or similar)
- Ideally: Experience with fluid systems, valves and mechanical work

Our Benefits

- Flexible working time
- Combination of working in the office, at home, and on the go
- Professional skills development through a broad base of responsibilities and freedom
- You will be an integral part of current projects and work directly with the engineering team
- An exciting work environment encompassing the whole process from the development, building and launch of space propulsion systems
- Engage directly and actively participate in the end-to-end development processes of an expanding NewSpace start-up

Location

At the moment, we are based in Hardthausen am Kocher, specifically at the DLR Institute of Space Propulsion, which is around 70 km north of Stuttgart. In 2025, a second site in the greater Stuttgart area will be opened.

Contact

Do you want to build something from scratch and really make an impact – then you should join our team!

Dr.-Ing. Lukas Werling (CEO and co-founder) and **Felix Lauck** (CTO and co-founder)

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