

Job Title: Electric Propulsion Chief Engineer**Location: Munich, Germany****Company Description:**

Our company is a rapidly growing startup in the space industry based in Munich. We are building a revolutionary new form of high power Space Electric Propulsion called Applied-Field Magnetoplasmadynamic (or AF-MPD) propulsion. It will be a game-changer in both near-earth space missions and wider space exploration. Our team is passionate about pushing the boundaries of what is possible and we are looking for like-minded individuals to join us on this exciting journey.

Job Description

The Chief Engineer will report directly to the CTO. This is a once-in-a-lifetime major career opportunity for a senior space engineer to come in at the ground floor and build a major new technology for the entire space industry.

What do we need from you?

You will be experienced in Electric Propulsion as it is currently used in the space industry, most likely Hall Effect Thruster or Gridded Ion Thruster systems. You will have a good understanding of the complex physics involved and familiarity with electronics design would be highly desirable. You will be capable of leading an engineering team and monitoring the execution of several projects.

Job Responsibilities:

- Lead the development of AF-MPD systems for use in space missions
- Manage and mentor a team of engineers and technicians
- Ensure that the propulsion systems meet all space quality requirements
- Prepare technical reports, publications, and presentations for internal and external audiences
- Stay up-to-date with the latest developments in space electric propulsion technology and incorporate new advancements into designs
- Oversee several projects in parallel and ensure that they are delivered on time and within budget

Qualifications:

- Bachelor's or Master's degree in Aerospace Engineering or Physics or related field
- Minimum of 10 years of experience in the design, development, and testing of electric propulsion systems
- Strong management experience, including experience managing multidisciplinary engineering teams and space projects

Desirable Experience:

- Experience with all phases of the space product lifecycle, including conceptual design, prototype design, testing, qualification, and integration, and launch.
- Experience with EU and ESA projects is preferred.
- Strong knowledge of space electric propulsion technologies and principles and equipment operation in the vacuum of the space environment.
- Excellent communication and leadership skills
- Ability to work in a fast-paced environment and manage multiple projects simultaneously.

What do we expect from you?

You will be ambitious, intensely motivated and ready to make your "mark" on the world. At the same time, you will have the personal qualities to inspire all those around you, most especially the team of specialist engineers you will be creating to go with you on this journey together.

Interested applicants should be EU citizens or with long term permits to work in the EU. Excellent English language skills, both spoken and written are essential. Support to relocate to the area around Munich can also be considered for the right applicants.

The remuneration package will be competitive and will include shares in the company.

Please send your detailed CV plus covering letter telling us why you are enthusiastic to lead our team!

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