

We, the Professorship of Lunar and Planetary Exploration, are looking for a

## Student Assistant for Thermal Modelling and Simulation

### About us and the Position

The Professorship of Lunar and Planetary Exploration is a young and rapidly growing research group at the ASG Campus in Ottobrunn. We focus on both experimental and theoretical studies of the Moon and its resources.

During the winter semester, we teach an exciting course:

- **Spacecraft Thermal Analysis and Test** (Bachelor/Master level, practical course)

Providing hands-on experience in the thermal modelling of spacecraft and their environments.

As a student teaching assistant, you will support the organisation and delivery of our courses in the winter term, with a primary focus on the practical course. Additionally, you will support our ongoing and future **research projects** in space exploration, with a focus on thermal engineering and simulation.

### Requirements

- Enrolled as a Bachelor or Master student at TUM.
- Strong organisational skills and ability to work independently.
- Strong understanding of thermal engineering and heat transfer.
- Availability to work on-site at the Ottobrunn campus, especially during the practical course time slot.
- Very good command of the English language.

### Your Tasks

In the context of the *Spacecraft Thermal Analysis and Test* course:

- Assist with course organisation and support instructors during lectures, exercises, and lab work.
- Providing technical support during the practical sessions.
- Assisting students with thermal modelling tasks and analysis tools.

Tasks for research projects will be defined based on the needs of individual projects.

### We Offer

- A contract of 8 hours per week with standard compensation based on your qualifications.
- The opportunity to gain long-term experience. We particularly prefer students who may stay with us for multiple semesters.
- Insight into teaching activities in space-related courses at TUM.
- Insight into research and development activities in space-exploration projects within a dynamic and international environment.
- TUM is committed to increasing the proportion of women in its workforce; therefore, applications from female students are explicitly encouraged.

Please send your documents, including at least a **short motivational letter**, your **CV**, and a **list of courses** you have taken during your studies (with grades), digitally to Christian Gscheidle (c.gscheidle@tum.de).

We are looking forward to your application!