Wissenschaftliche Hilfskraft (Student Assistant)

Preparing the software setup to collect and analyse the data from thermal system test set up

We are seeking a master student (for a PAID position) with a background in heat transfer, thermodynamics and knowledge of measurement sensors and data acquisition systems.

Responsibilities:

- Software setup:
    - Work with LabView models/scripts to collect the data
    - Prepare/write MATLAB scripts to analyse the measured data
- Test Support
    - Support with test set up installation, test monitoring
    - Design calculations and support with procurement process

Requirements:

- Bachelor's or Master's degree in Mechanical Engineering or a related field.
- Strong understanding of heat transfer & thermodynamics.
- Basic knowledge of measurement technologies, sensors and data acquisition system
- Familiarity with MATLAB and LabVIEW software
- Excellent problem-solving and analytical skills.
- Strong communication and teamwork abilities.

➢ **Are you interested or do you know someone who likes this?**

Please send the below documents to konda@b-tu.de:

- CV
- A short description (max. 600 words) explaining (1) your skill set relevant to the job (2) and a technical problem (ideally related to above description but not mandatory) you have worked in the past.

➢ **Further Questions?**

- Contact: Karunakar Reddy Konda, Raum 130, LG 3A, T - +49 (0) 355 69 3408

(21 January 2025)