

Student Assistant (HiWi) - m/f/d

**for the Development of Li-rich Ceramics for
Fusion Technology**

Are you excited about contributing to cutting-edge fusion research and gaining hands-on laboratory experience? We are looking for a motivated Student Assistant (HiWi) to support the development of lithium-rich ceramic tritium breeder materials for fusion technology applications. In this role, you will work directly in the lab to help produce and characterise lithium-based ceramics that play a crucial part in future tritium breeding systems.

If you are eager to apply your scientific curiosity, learn new experimental techniques, and support real research that advances sustainable energy concepts, we would be happy to hear from you.



Your Tasks:

- Powder mixture preparation
- Pellet pressing and shape measurements
- Thermal treatments of materials
- Material investigation with chemical and physical methods
- Data acquisition and entry

Your Profile:

- Student in the field of Chemistry or of Materials Science
- Experience in lab work
- Independent, reliable, and detail-oriented working style

We offer:

- Insights into the research environment at KIT Campus North
- Hands-on experience in the *Fusion Ceramics* group
- Working in an interdisciplinary team

Start: 15.04.2026 or later

Working place: KIT Campus North

Interested?

We look forward to your application (incl. short motivation, CV, transcript of grades).

Applications to: rudolfs.zabolockis@kit.edu