

The following position is vacant at the Faculty of Civil Engineering of FH Aachen University of Applied Sciences (Hydraulic Engineering Section) from 01. August 2026:

Research Assistant in Experimental Fluid Mechanics (PhD position)

(Code: 02-1577)

Your duties:

- Participation in a research project on instabilities at the air-water interface in highly turbulent flows (funded by German Research Foundation DFG)
- Design, set-up and performance of physical model tests in the hydraulic laboratory of FH Aachen, particularly PTV-based
- Supervision of project-related student theses
- Data documentation and writing of research reports
- Publication of results in international journals

Your skills and job requirements:

- Master degree (or equivalent degree) with specialization in fluid mechanics / multiphase flows from a national or international university
- Experiences in experimental work
- Sound knowledge in hydraulic engineering (hydraulic structures) preferred
- Interest in scientific work and further scientific qualification (PhD)
- Sound English skills, basic German skills are welcome
- Structured and independent work skills
- Good communication skills and interest in working with students
- Programming skills (Matlab or Python)
- Student visa and residence permit at start of project (if applicable)

We offer:

- Conditions according to TV-L E 13
- Full-time employment (100 %), temporary for three years
- Regular weekly work time of 39 hours 50 minutes
- Opportunity to do a doctorate
- Certificated family-friendly workplace

Applications of disabled persons are welcome. FH Aachen intends to increase the number of female employees; applications of females are thus particularly welcome.

Please submit your application online before 27 March 2026 to our [jobs portal](#). In case of any further questions, please contact: PD Prof. Dr. habil. D. Bung, phone: +49 241 6009-51117 or e-mail: bung@fh-aachen.de.

