

Ph.D. Student Position at the University of Würzburg (ATLAS)

A doctoral position will be available within the Research Training Group 2994 'Particle physics at colliders in the LHC precision era' starting in January 2026

The Research Training Group (RTG) is a DFG-funded doctoral program offered jointly by the groups working on Theoretical Particle Physics, Gauge/Gravity Duality, and Experimental Particle Physics at the University of Würzburg. The Ph.D project will be located in the experimental particle physics group which does experiments at the Large Hadron Collider LHC (CERN) within ATLAS, and carries out physics analysis both in the fields of Vector boson scattering, top pair plus X production and in the precision determination of the W mass.

Your profile:

Completed Master Studies in Physics or a related field latest by January 2026 with very good knowledge in experimental particle physics

Motivation for independent scientific work

Willingness to work in an international and interdisciplinary team

Good/excellent written and spoken English language skills

Ideally previous scientific work relevant to experimental particle physics

Open, independent and solution-oriented way of working and thinking

We offer:

Supervision of the dissertation by at least two international experts in the respective discipline

An international and diverse research environment

Interesting research projects at the forefront of research

Course program for professional and personal development

Collaboration and research stays with international partners

Employment of up to four years in a vibrant student city

We offer a temporary employment (TV-L E13, 75%) funded by the German Science Foundation for a period of up to four years. The University of Würzburg is an equal opportunity employer and aims to reduce the underrepresentation of women and therefore explicitly encourages qualified women to apply. The University of Würzburg is committed to employing more persons with disabilities and especially encourages them to apply.

We look forward to receiving your application by 15 November 2025.

Applications must include the following documents to be sent in a single pdf-file to grk2994-jobs@uni-wuerzburg.de:

- cover letter,
- CV
- short summary of the master's thesis
- Bachelor's and Master's degree certificates. If the degree certificate is not yet available, a current collective certificate

In addition, at least two letters of recommendation should be sent by 15 November 2025 to: grk2994-jobs@uni-wuerzburg.de

Contact: Karina Zink, grk2994-jobs@uni-wuerzburg.de

For further information please contact Prof. R. Ströhmer
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<http://www.pid.physik.uni-wuerzburg.de>)