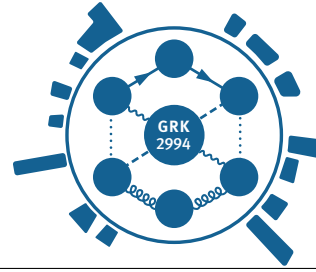


**Prof. Dr. Werner Porod**

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**10 doctoral positions within the Research Training Group 2994  
'Particle physics at colliders in the LHC precision era'**

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. Our innovative projects are located within the various research foci of the groups involved. A list of prospective doctoral projects can be found at <https://www.physik.uni-wuerzburg.de/grk2994/research/>.

You can find information on your potential supervisors following the links collected at <https://www.physik.uni-wuerzburg.de/grk2994/members/>. The earliest possible start of a project is January 2025.

Tasks:

- Scientific collaborative work in the areas: Experimental Particle Physics, Theoretical Particle Physics, Gauge/Gravity Duality
- Collaboration with colleagues within the RTG and related working groups inside and outside the University of Würzburg
- Deepening scientific knowledge through courses and workshops within the Würzburg Research Academy
- Writing a dissertation and publications as well as presenting the results at international conferences and workshops
- Additional training in non-research-oriented transferable skills

Your profile:

- Completed Master Studies in Physics or a related field latest by November 2025 with very good knowledge of physics related to our research foci
- 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 the selected topics
- 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, starting at the earliest on 1 January 2025. The University of Würzburg is an equal opportunity employer committed to increasing the participation of women and encourages them particularly 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 until 31 August 2024**. Applications must include the following documents to be **send in a single pdf-file to grk2994-jobs@uni-wuerzburg.de**:

- A cover letter, including a justified ranking of up to two targeted doctoral projects (see: <https://www.physik.uni-wuerzburg.de/grk2994/research/> )
- A CV
- A 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 send until 31 August 2024 to: grk2994-jobs@uni-wuerzburg.de**

After the pre-selection, short-listed candidates will be invited to give a short presentation on their master's project at the beginning of October 2024. There will be the opportunity to get to know the supervisors and learn more about the projects offered and the curriculum. The successful applicants will be informed as soon as possible.

**Contact:** Karina Zink, [grk2994-jobs@uni-wuerzburg.de](mailto:grk2994-jobs@uni-wuerzburg.de)