Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Zertifikat seit 2008
audit familiengerechte hochschule

We are inviting applications for a professorship (W2/W3 or W3) for

Theoretical Elementary Particle Physics

at the Faculty of Physics and Astronomy, Julius Maximilians University Würzburg, to be filled as soon as possible.

We seek to appoint a scientist of international reputation in theoretical elementary particle physics with a proven track record of innovation and leadership and the potential for outstanding future contributions to the field. Strong expertise is expected in one or more research areas of particular importance in contemporary high-energy physics, such as particle physics at colliders, precision calculations for high energy processes, and effective quantum field theories. The successful candidate should complement and extend the existing research activities at Würzburg University. Participation in the DFG Research Training Group 2994 'Particle physics at colliders in the LHC precision era' is welcomed. The successful candidate is expected to strengthen and extend the research in the larger area 'Particles, Fields & Astronomy' at Würzburg University and to develop new joint research initiatives in this area. Moreover, research collaborations with the Center for Artificial Intelligence and Data Science (CAIDAS) are possible.

Depending on the applicant's qualifications, the appointment will be made in a permanent professorship (level W3) or in associate professorship (level W2) for a fixed term of six years with tenure track to a permanent university professorship in level W3. If the position is filled as an associate professorship with level W2 the tenure track step will only be granted to a permanent professorship with level W3 if the professor has proven him/herself in accordance with the requirements of the university's internal quality assurance concept. The tenure-track procedure can be started at the earliest after a period of employment of two years and six months as a university professor.

The appointee is expected to lead, support and develop education and training in both the entire curriculum of physics and through specialized lectures in the field of theoretical elementary particle physics, engaging with both undergraduate and graduate students. The same holds for the supervision of theses of students and doctoral candidates. The University of Würzburg attaches great importance to the intensive supervision of students and doctoral candidates and expects corresponding commitment from teaching staff.

The University of Würzburg is an equal opportunities and family-friendly employer. To increase the number of women in leading positions, we particularly encourage women to apply.

Applicants are expected to hold a University degree in physics or a related discipline, University level teaching experience, pedagogical aptitude and additional academic qualifications, which are usually demonstrated by the quality of a PhD degree, as well as additional scientific achievements, as explained in more detail in Art. 57 para. 1 sentence 3 and 4 BayHIG. The additional scientific achievements should have been obtained in the field of theoretical particle physics.

In addition, success in acquiring national or international third-party funding, extensive publication activities and embedding in an international research environment are expected for applications for the permanent W3 professorship.

According to Art. 60 Para. 3 BayHIG, applicants must not be older than 52 at the time of their appointment (exceptions in special cases can be made). Severely disabled applicants will be given preference in case of equal qualification.

Applications should be submitted with the usual documents (CV, certificates, diplomas, list of publications, list of third-party funding, list of courses, evaluation results , etc. see application guide) stating whether you wish to apply for the W2/ W3 tenure track position, the W3 position or both by 31.05.2025, preferably by email to physik-berufungen@uni-wuerzburg.de. If you have any research questions, please contact the Dean, Prof. Björn Trauzettel (bjoern.trauzettel@uni-wuerzburg.de; +49 931 31-83638). If you have any questions about the application process, please contact Dr. Daniela Spanheimer (daniela.spanheimer@uni-wuerzburg.de; +49 931 31-83076).

For the exact application procedure, please refer to our application guide (see below).

The application includes the consent of the applicants to the electronic recording of the application documents, the creation of copies, the storage and possible forwarding of the application documents to the reviewers and the return of the application documents only after completion of the procedure.