



UNIVERSITY
OF COLOGNE

Faculty of Mathematics and Natural Sciences

PhD Position (f/m/x) – Nuclear Physics

Institute for Nuclear Physics



We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The position is located at the Institute for Nuclear Physics. The research focus lies on the structure of atomic nuclei, including experiments at the local tandem accelerator facility as well as at national and international research infrastructures (<https://ikp.uni-koeln.de/groups/wimmer/join-us>).

YOUR TASKS

- » Participation in the planning, preparation, and execution of nuclear physics experiments
- » Testing, characterization, and further development of novel detection systems
- » Analysis and interpretation of experimental data
- » Collaboration within international research teams and contribution to joint projects
- » Presentation of research results at scientific meetings and in publications

YOUR PROFILE

- » Completed scientific university degree (Master or equivalent) in physics
- » Strong interest in experimental nuclear physics and nuclear structure research
- » Experience with detector technologies or experimental methods is an advantage
- » Ability to work independently and in a team within an international research environment
- » Good communication skills and proficiency in English; German language skills are beneficial but not mandatory

WE OFFER

- » Possibility to complete doctoral studies
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available as soon as possible on a part-time basis (29,87 hours per week). The position is to be filled for a fixed term until 31.01.2029. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without a photo under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2512-18. The application deadline is 31.01.2026.

For further inquiries, please contact Professor Dr Kathrin Wimmer (kwimmer@ikp.uni-koeln.de) and take a look at our [FAQs](#).



HR EXCELLENCE IN RESEARCH