

Johannes Gutenberg University Mainz (JGU) is one of the largest universities in Germany. Thanks to its location in the Rhine-Main science region, the university can unfold to its full potential and showcase its innovative power and dynamism. Its status as a comprehensive university allows for multidisciplinary learning and teaching and has great potential for internationally renowned, interdisciplinary research. Almost all of its institutes are located on a single campus close to the Mainz city center – creating a lively academic culture for researchers, teaching staff, and students from every continent.

The Institute of **Nuclear Physics** at the Faculty of **Physics, Mathematics and Computer Science** invites applications for the position of

## University Professor of Experimental Hadron and Nuclear Physics

beginning on 1 April 2024.

Salary grade W 2 LBesG with tenure track | Civil servant with a fixed-term contract

The Cluster of Excellence PRISMA+ ("Precision Physics, Fundamental Interactions and Structure of Matter") deals with the central questions about the nature of the fundamental building blocks of matter and their significance for the physics of the universe. It consists of experimental and theoretical research groups working together in the fields of astroparticle, high-energy and hadron physics, nuclear physics and precision physics with ultracold neutrons and ion traps.

### Tasks and expectations:

The successful applicant, whose PhD should not be more than six years old, should already have developed international visibility in research in the field of particle, hadron or nuclear physics.

Scientific excellence will be demonstrated by an outstanding publication record commensurate with scientific age. They should play a central role in the Cluster of Excellence PRISMA+, especially in the planning and realization of experiments at the superconducting accelerator MESA, which is currently under construction. This will provide the basis for a diverse physics program to be conducted jointly with colleagues at site as well as with international partners. The program includes precision measurements in nuclear and hadron physics as well as the search for rare processes and particles beyond the Standard Model. The successful candidate will be expected to teach courses in the field of experimental physics.

Applicants should have initial teaching experience and be willing to develop their pedagogical commitment and didactic knowledge.

Master's degree programs can also be conducted in English. Furthermore, experience in the supervision of young scientists and the willingness to support the outreach activities of the Cluster of Excellence are desired. An active involvement in academic self-administration is expected.

Please submit your application, including CV, references, diplomas and certificates, as well as publications, third-party funds, current and future research projects/ research proposals, previous teaching activity, teaching evaluations, teaching concept; by **April 1, 2023** electronically as one PDF file to the

**Dean of the Faculty 08**  
**Prof. Dr. Patrick Windpassinger**  
**E-Mail: [info@phmi.uni-mainz.de](mailto:info@phmi.uni-mainz.de)**

For questions and further information, please contact **Prof. Dr. Achim Denig** by phone/by e-mail: [denig@uni-mainz.de](mailto:denig@uni-mainz.de).

Information on data protection:

[https://www.verwaltung.personal.uni-mainz.de/files/2021/05/210512\\_Datenschutzerklaerung\\_Allgemein\\_en.pdf](https://www.verwaltung.personal.uni-mainz.de/files/2021/05/210512_Datenschutzerklaerung_Allgemein_en.pdf)



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