

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

## Junior Professor of Theoretical Physics - Theory of Condensed Matter

beginning at the earliest date possible.

**Salary grade W 1 LBesG with tenure track to W 2 | Civil servant with a fixed-term contract**

### Tasks and expectations

We are looking for creative candidates who have demonstrated initial scientific achievements and the ability for independent research at the highest international level. Their research should complement the research activities existing in Mainz. Possible research topics include, but are not limited to, soft and life-like matter, spintronics and topological quantum materials, and non-equilibrium physics.

Applicants will be expected to collaborate with existing working groups in Mainz, e.g., in the area of materials science, soft matter science, or spin-phenomena physics and strongly correlated systems. They will also be expected to participate in top-level research areas of JGU such as TOPDYN or M<sup>3</sup>ODEL, and in joined collaborative research centers such as the TRR 173 Spin+X and the TRR 288 Elasto-Q-Mat or the recently established SFB 1551 “*Polymer concepts in Cell Biology*” and the Research Training Group GRK 2516 “*Control of structure formation in soft matter at and through interfaces*”. Joining other existing centers such as the *Max Planck Graduate Center with the Johannes Gutenberg University* and/or the *Spin Phenomena Interdisciplinary Center* is also possible.

The successful candidate will participate in the general teaching duties of the department, in particular in the field of theoretical physics. Candidates are therefore expected to have the necessary pedagogic skills and commitment. Active involvement in academic self-administration is also expected.

### Requirements:

In addition to the general requirements according to public services law, applicants must meet the recruitment requirements stipulated in Section 54 of the Hochschulgesetz of Rhineland-Palatinate.

Please submit your application, including CV, references, diplomas and certificates, as well as a record of teaching experience, a teaching and research concept, your list of publications and presentations and up to three central publications (with specification of your contribution) by **April 30<sup>th</sup>, 2023** electronically as one PDF file to the

**Dean of the Faculty Physics, Mathematics and Computer Science**  
**Univ.-Prof. Dr. Patrick Windpassinger**  
**E-Mail: [info@phmi.uni-mainz.de](mailto:info@phmi.uni-mainz.de)**

The interview symposium is tentatively planned from June 5<sup>th</sup> until 16<sup>th</sup>, 2023.

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)

