

Philipps



Universität
Marburg

The Faculty of Physics invites applications for a

W3-Professorship in Theoretical Physics of Complex Systems

The starting date is to the winter term 2021/2022.

We are seeking an internationally distinguished scientist who can represent the field of theoretical physics in teaching as well as in research.

Research of the successful candidate should be in the area of complex systems either in statistical physics (e.g. chaotic systems, critical phenomena), in quantum physics (e.g. quantum information) or in astrophysics (e.g. formation of galaxies, physics of black holes). To complement our recently established courses of study "Physik und Wirtschaft" and "Physik grüner Technologien" research areas could also include interdisciplinary topics such as econophysics, or theory of networks or ecological systems. Ideally, the successful candidate should also seek collaborations with other departments (e.g. the department of mathematics and computer science, the school of business and economics, the departments of biology, medicine and pharmacy) driven by, e.g., the application of modern methods of artificial intelligence and machine learning. Participation in the research networks of the department, the university and the Forschungscampus Mittelhessen is expected. Candidates are expected to have experience in securing third-party funding.

In the area of teaching, the position requires significant participation in courses in the bachelor and in the master programs of the department. Teaching is expected to be conducted in German as well as in English. The Philipps-Universität Marburg places great importance on the intensive mentoring of students and doctoral candidates. Therefore, the regular presence of the teaching staff is required.

Conditions of employment based on § 61 and § 62 Hessisches Hochschulgesetz (HHG) are valid. Qualifications for an application are a habilitation or equivalent proof of qualification in the field of physics, and in-depth experience in teaching.

We support women and strongly encourage them to apply. Applicants with children are welcome - the Philipps-Universität is certified as a family-friendly university. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications.

Please send your application documents (copies) and the completed electronic short questionnaire provided on <https://uni-marburg.de/aaa3x> to the President of the Philipps-Universität Marburg, Biegenstraße 10, 35032 Marburg as a single PDF file to bewerbung@verwaltung.uni-marburg.de by 29.01.2021 at the latest.