The Institute for Theoretical Physics (chair for Theoretical Physics with focus on solid state physics), Faculty of Mathematics and Informatics, Physics, Geography, invite applications for a

**Head of a young investor group for ab-initio plasma modelling.**

Reference is made to § 2 WissZeitVG und § 65 HHG. Salery is up to level E-14 according to collective agreement in Hesse (TV-H).

Heads of young investor groups are temporary employed for 3 years. After positive evaluation an extension for another 3 years is possible.

**Tasks:**

- We are looking for distinguished scientist in the field of plasma modelling, who will strengthen our activities in the field of plasma and space physics.
- The successful candidate shall establish an international recognized research group for ab initio plasma modelling.
- He shall contribute to the development of our existing PiC code. Possible research activities include for example modelling of technical plasma in thrusters for space applications, for plasma deposition, and for plasma diagnostic.
- In addition, the successful candidate has to fulfill teaching duties within the new Bachelor and Master program “Physics and technology for space applications” as well as in the Master course in Physics with the focus on “Atomic, plasma, and space physics”.

**Requirements:**

- You have a degree in Physics or related fields. Ideally, you have completed your Ph.D. in the area of plasma modelling.
- You have experience with the development of plasma modelling software on high performance clusters.
- Experience in teaching and acquisition of grants are advantageous.

JLU aims to employ more woman in academic research. We therefore particularly encourage female candidates to apply. JLU also pursues the goal at faculty leadership level of increased competence in dealing with gender and family-related issues. JLU is regarded as family-friendly university. Applicants with children are very welcome. Applications from disabled people of equal aptitude will be given preference.

Please send your letter of application with a CV and a documentation of your qualification to: The President of Justus Liebig University Giessen, Erwin-Stein-Gebaeude, Goethestraße 58, 35390 Giessen, Germany, quoting the reference number 218/07. Applications must be received by March 19th, 2019 at the latest. Please only submit copies of your application documents as they cannot be returned after the application procedure has been completed.