

Founded in 1607, Justus Liebig University Giessen (JLU) is a research university rich in tradition. Inspired by curiosity about the unknown, we enable around 28,000 students and 5,700 employees to advance science for society. Join us in breaking new ground and writing success stories - your own and those of our university.

Support us from the next possible date in full-time as a

## **Postdoctoral researcher (m/f/d) in the field of experimental physics**

In accordance with § 2 WissZeitVG and § 65 HHG, the position is to be filled on a fixed-term basis in the group of experimental hadron physics, 2<sup>nd</sup> physics institute at the faculty of mathematics and computer science, physics, and geography with the opportunity for personal academic training. The salary is in accordance with the collective labour agreement of the State of Hessen (E 13 TV-H).

As long as the maximum permissible duration of a fixed-term contract is not exceeded, you will be employed for an initial period of 3 years. An extension for up to another 3 years is possible under the above-mentioned condition.

### **Your tasks at a glance**

- Organization and conducting of test experiments at irradiation facilities and accelerators
- Contributions to equipping and running of a laboratory for the characterization of materials and electronics prior to and after irradiation at accelerators or radiation sources
- Participation in the planning and installation of equipment for irradiations and characterization of electronics
- Characterization of properties of electronic devices and circuitry before and after irradiation, annealing
- Analysis of experimental data, computer simulations
- Opportunity for your own academic qualification; activities in research and teaching according to § 65 HHG; taking on teaching duties according to the teaching obligation ordinance of the state of Hessen

### **Your qualifications and competences**

- Completed Master of Science or equivalent university degree and doctoral degree in experimental physics or bordering disciplines
- Experience in the assembly of modern electronics
- Ability for the layout of test experiments at accelerators and in radiation fields of radioactive sources
- Simulation of interactions of radiation with matter

### **Our offer to you**

- Work in a research group with international standing
- A varied job with flexible working hours
- Free use of local public transport (LandesTicket Hessen)
- More than 100 training seminars, workshops and e-learning opportunities per year for personal development, as well as a wide range of health and sports activities
- Remuneration according to TV-H, company pension scheme, child allowance and special payments
- Good compatibility of family and career (certificate "audit familiengerechte hochschule")

If you have any further questions, please do not hesitate to contact Prof. Dr. Kai-Thomas Brinkmann by phone (+49 641 99 33260) or by e-mail ([kai-thomas.brinkmann@physik.jlug.de](mailto:kai-thomas.brinkmann@physik.jlug.de)).

JLU aims to employ more women in academic research. We therefore particularly encourage female candidates to apply. Due to the women's support plan, there is an obligation to increase the proportion of women. JLU is regarded as a family-friendly university. Applicants with children are very welcome. Applications from disabled people of equal aptitude will be given preference. In general, a division of the position in two part-time positions with 50% of the regular working hours is possible in accordance with the Hessian Equal Opportunities Act.

You want to break new ground with us?

Apply via our [online form](#) by **May 6<sup>th</sup>, 2022** indicating reference number 281/07. We look forward to receiving your application.