

Helmholtz-Zentrum Dresden-Rossendorf e.V.



With cutting-edge research in the fields of ENERGY, HEALTH and MATTER, around 1,500 employees from more than 70 nations at Helmholtz-Zentrum Dresden-Rossendorf (HZDR) are committed to mastering the great challenges facing society today. In the Institute of Theoretical Physics at HZDR, non-equilibrium phenomena are investigated by predominantly analytical means. Key research areas include strong fields, strong correlations, and quantum information technology. The Institute of Theoretical Physics is looking for a

PhD Student (f/m/d) Non-equilibrium dynamics of condensed matter in the time domain

For more information please see: <https://www.uni-due.de/sfb1242/>

City: Dresden; Starting date (earliest): 01/07/25; Remuneration: TVöD-Bund; Reference number: 2025/39; Closing date: 31/03/25

Working field

-Analytical and possibly numerical calculations within the research projects of the CRC 1242: B03 "Driven Dynamics in Interacting Quantum Many-Body Systems" and/or B07 "Unifying Theoretical Description of Relaxation in Electron Systems"

Requirements

- Completed university studies (Master/Diploma) in the field of Physics or related field
- Knowledge and experience in the field of Theoretical Physics
- Willingness to work academically in an interdisciplinary environment team
- Fluent in written and spoken English
- Basic German language knowledge is advantageous

What we offer

- A vibrant research community in an open, diverse and international work environment
- Scientific excellence and extensive professional networking opportunities
 - A structured PhD program with a comprehensive range of continuing education and networking opportunities - more information about the PhD program at the HZDR can be found here
 - Salary and social benefits in accordance with the collective agreement for the public sector (TVöD-Bund) including 30 days of paid holiday leave, company pension scheme (VBL)
 - We support a good work-life balance with the possibility of part-time employment, mobile working and flexible working hours
 - Numerous company health management offerings
 - Employee discounts with well-known providers via the platform Corporate Benefits
 - An employer subsidy for the "Deutschland-Ticket Jobticket"

Application

We look forward to receiving your application documents (including cover letter, CV, diplomas/transcripts, etc.), which you can submit via our online-application-system: <https://www.hzdr.de/db/Cms?pNid=490&pOid=74160&pContLang=en>

More information at <https://stellenticket.de/191843/LUH/>
Offer visible until 13/03/25

