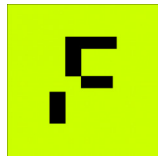


**Freie Universität Berlin - Fachbereich Physik - Institut für Theoretische
Physik SFB TRR 227 / DCCQS / AG Brouwer****Research assistant (praedoc) (m/f/d)**

with 75%part-time job limited to 31.12.2029 salary grade (Entgeltgruppe) 13 TV-L FU
reference code: Brouwer-TRR227-1-2026

City: Berlin; Starting date (earliest): At the earliest possible; Duration: befristet bis
31.12.2029; Remuneration: Entgeltgruppe 13 TV-L FU; Reference number: Brouwer-
TRR227-1-2026; Closing date: 03/02/26

Working field

The Dahlem Center for Complex Quantum Systems (DCCQS) at Freie Universitaet Berlin invites applications for a research assistant position (praedoc) (m/f/d) in Theoretical Condensed Matter Physics, with a focus on spin transport and spintronics. This position will be funded through the Collaborative Research Center / Transregio 227 "Ultrafast Spin Dynamics". The Dahlem Center is an exciting forum that encourages the exchange of ideas and promotes collaboration between established and young scientists within Germany and around the world (<https://www.physik.fu-berlin.de/forschung/dahlem-center-for-complex-quantum-systems/index.html>). The Center's research focus is quantum theoretical solid state physics in its entirety.

The goal of the Collaborative Research Center / Transregio 227 "Ultrafast Spin Dynamics" is to establish a fundamental understanding of ultrafast spin dynamics and lay the groundwork for spin-based information technology operating at THz clock rates. The DFG-funded CRC / TRR 227 of Freie Universität Berlin (FUB) and Martin-Luther-Universität Halle-Wittenberg (MLU), along with other participating institutions, will receive funding for the third funding period 2026 - 2029.

Job description:

The position involves research in the field of theoretical physics, with a focus on time-dependent dynamics of transport of spin and orbital angular momentum. The research project is part of the Collaborative Research Center / Transregio 227 "Ultrafast Spin Dynamics", subproject B03, project leader Prof. Dr. Piet Brouwer (https://www.trr227.de/projects/area_B/B03/index.html). There is an opportunity to earn a doctorate within the framework the externally funded research project. The position is initially limited until the end of the project, December 31, 2029.

Requirements

Requirements:

Applicants should have a M.Sc. degree in theoretical physics and must meet the requirements for admission to the doctoral program of the Department of Physics at Freie Universität Berlin.

Desirable:

Excellent knowledge of theoretical solid-state physics.

Application

Applications should be sent with relevant documents (CV, academic transcript, and research statement, as well as a letter of reference, which should be sent directly by the author to Prof. Dr. Piet Brouwer, brouwer@physik.fu-berlin.de) in PDF format **no later than February 3rd , 2026** by e-mail to: henrike.giebl@fu-berlin.de or postal to

Freie Universität Berlin
Department of Physics
Institute for Theoretical Physics
Ms. Henrike Giebl
Arnimallee 14
14195 Berlin (Dahlem)

With an electronic application, you acknowledge that FU Berlin saves and processes your data. FU Berlin cannot guarantee the security of your personal data if you send your application over an unencrypted connection.

Freie Universität Berlin is an equal opportunity employer.

More information at <https://stellenticket.de/200644/BUA/>
Offer visible until 03/02/26

