

The DFG-funded **Research Training Group (RTG 2717)**

**"Dynamics of Controlled Atomic and Molecular Systems (DynCAM)"**

at the **University of Freiburg**

in collaboration with the University of British Columbia (UBC) in Vancouver

offers a

### **PhD Position**

The program of the RTG DynCAM comprises a series of complementary experimental and theoretical projects, investigating and controlling the electron and nuclear dynamics down to the quantum level. **The currently offered PhD position will focus on the theoretical study of dynamical processes in non-Markovian open quantum systems, with a particular emphasis on their thermodynamical properties and experimentally accessible features.** The PhD project will be carried out under the supervision of Dr. Alessandra Colla and will involve active collaborations with other research groups of the RTG. For further information see [www.rtg-dyncam.de](http://www.rtg-dyncam.de).

The ideal candidate holds a Master's degree (or equivalent) in theoretical physics or a closely related field, and is highly comfortable with the theoretical concepts and technical tools of quantum mechanics. We are particularly looking for curious, motivated individuals who demonstrate reflectiveness and flexibility in their approach to complex problems, and who are eager to thrive in a collaborative research environment.

Please send your application as **a single pdf-file** including a letter of motivation, a CV, certificates of your university degree (including grades), a transcript of records and contact details of two references by July 15, 2026.

Send your application to: [info@rtg-dyncam.de](mailto:info@rtg-dyncam.de)

The earliest starting date is September 1, 2026; duration of contracts is up to 36 months. The salary corresponds to TV-L E13 (75%), this also includes health insurance and social benefits according to the German labor law.

The University of Freiburg seeks to increase the number of female scientific faculty members and therefore strongly encourages qualified women to apply for the position. The university committed to provide a family-friendly workplace. In case of equal qualification, persons with disabilities will be given preference.