



**Universität
Zürich^{UZH}**

PhD position in Condensed Matter Theory at the University of Zurich

The Condensed Matter Theory Group at the Department of Physics of the University of Zurich invites applications for a PhD position. We look for a motivated individual with a masters degree in **quantum condensed matter theory**, who enjoys cracking challenging problems using both numerical and analytical approaches, and who is a good communicator as well as a great team player.

The successful applicant will work under the supervision of Prof. Titus Neupert on the theoretical exploration of fractional quantum Hall states in novel material setups, including — but not limited to — van der Waals materials. Strong numerical skills are therefore important. The PhD student will benefit from interactions with the rich local scientific environment within the group and beyond (University of Zurich, Paul Scherrer Institute, ETH Zurich) as well as close ties with many experimental groups, and will further be embedded in international collaborations.

The appointment is envisioned for fall 2025, with some flexibility on the starting date. The competitive salary follows the University of Zurich salary scheme for PhD positions. The University of Zurich is committed to promote gender equality and diversity.

To apply, please send a CV including at least two contacts for references, and a letter of motivation describing also previous research experience to cmt-applications@physik.uzh.ch. No letters of reference are to be submitted with the application. To receive full consideration, all application materials should be submitted by December 31, 2024. However, applications will be considered after this deadline until the position is filled.

More information on the condensed matter theory group at the University of Zurich:
<https://www.physik.uzh.ch/en/groups/neupert.html>