

The solid-state theory division at the Institute for Theoretical Physics of the Technical University Braunschweig invites applications for a

Postdoctoral Position

(EntGr. / Salary Group TV-L E13, 100%)
Starting late summer 2021

in **condensed matter theory**. Reviewing of applications will begin immediately and will continue until an appropriate candidate has been selected. The appointment's initial duration is for two years.

The **scientific focus** will be on frustrated quantum magnets, fractionalized or topological phases of matter, strongly correlated electron systems, gauge theories, transport properties, dynamics and thermalization of quantum matter.

Applicants should hold a doctorate/PhD or equivalent degree in theoretical physics or in a related field. They should have a proven track record within one or several areas of the scientific focus of this position. Candidates with a working experience in modern computational quantum many-body techniques (e.g. exact diagonalization, tensor networks, or quantum Monte-Carlo), are encouraged to apply.

Applications should contain a cover letter, curriculum vitae, list of publications, and a research statement. Please arrange for at least two letters of reference, to be either included directly into your application, or to be sent as separate supporting documents within two weeks of submission of your application. All of your application package should be sent as PDF documents by email to Wolfram Brenig (w.brenig@tu-bs.de).

The Technical University Braunschweig is an equal opportunity employer and aims at increasing the number of women in science. Female candidates are therefore particularly encouraged to apply. In case of equal qualifications, candidates with disabilities will take precedence.

For any further information, please contact

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