

Postdoc Position in Theoretical Condensed Matter Physics

Thu, 2019-12-19 11:26 - [Michele Burrello](#) [1] **At:** University of Copenhagen, Niels Bohr Institute
Deadline: 12 February, 2020

Location

Niels Bohr Institute Copenhagen Denmark
See map: [Rejseplanen](#) [2]

A postdoc position is open in the theory group of Michele Burrello in Niels Bohr Institute (University of Copenhagen). The research activity will focus on topological phases of matter and it will be carried out in the Center for Quantum Devices (QDEV) and in collaboration with the Niels Bohr International Academy (NBIA).

The appointment duration is two years. The target starting date is May 2020, but can be changed by arrangement. The position is funded by the Villum Foundation Young Investigator Grant "Architectures for non-Abelian Anyons".

The main research topic will be the theoretical study of models with topological order in low-dimensional many-body systems, including both solid state and ultracold atom setups. A particular attention will be devoted to the design of interacting systems with non-Abelian anyons.

The applicant should have a PhD degree in physics (or expect to defend her/his PhD thesis in the next months), with a strong background in condensed matter or quantum many-body theory. Preference will be given to candidates with experience in one of the following fields: topological phases of matter, strongly-correlated ultracold atom or electron systems.

The deadline for applications is **12 February 2020**.

Further information can be found [here](#) [3].

- [Postdoc](#) [4]

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