

Research Project

NCCR QSIT: Quantum Simulation

Third-party funded project

Project title NCCR QSIT: Quantum Simulation

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Organisation / Research unit

Departement Physik / Theoretische Physik (Bruder)

Department

Project Website <http://www.nccr-qsit.ethz.ch/research/qusim>

Project start 01.01.2015

Probable end 31.12.2022

Status Completed

Project 4 focuses on the realization of quantum simulators. While the ultimate goal is the physical realization of condensed-matter models that cannot be solved using classical computers the realization of topological states using ultra-cold bosonic or fermionic atoms will also be pursued.

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Swiss National Science Foundation (SNSF)

University of Basel

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