

Session 5: Non-perturbative approaches

Speaker: Giuseppe Magnifico

Affiliation: Quantum Theory Group at Padova University

Title: Tensor Networks approach for Lattice Gauge Theories

Abstract: I would talk about the last advances in the tensor networks (TNs) approach for simulating challenging lattice gauge theories. In particular, I would present the discretisation of these continuous theories in terms of quantum simulation models, that we analyse with TN algorithms, and that could be relevant for current and future experiments on quantum hardware.
