







The Vienna Center for Quantum Science and Technology VCQ

invites you to a

COLLOQUIUM TALK

by

Dries Sels (Flatiron/NYU)

Bethe-Peierls approximation in the era of quantum computers

Tensor networks have been foundational tools in our understanding of many-body physics of one-dimensional systems. In this talk I will discuss efforts to move away from one-dimensional tensor networks towards networks of arbitrary structures. I will discuss how well established tools from statistical mechanics have propelled recent algorithmic advances and how these tools have been employed to efficiently simulate recent large scale quantum computations.

Monday, 25 March 2024

at Helmut Rauch Lecture Hall Atominstitut Wien, Stadionallee 2, 1020 Vienna

17:00 Get-together with coffee and snacks! 17:30 VCQ Student talk 17:45 VCQ Colloquium Talk

Host: Julian Leonard