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Type: **Talk**

## Neural Quantum States for Many Body (dissipative) Quantum Dynamics

*Wednesday, 3 May 2023 11:00 (30 minutes)*

Neural network quantum states have delivered state of the art results for the calculation of ground states for systems beyond the reach of more conventional techniques.

Such variational ansatzes have also been applied to the simulation of the dynamics of systems at equilibrium or far from it.

In this talk I will discuss recent advancements in the treatment of the dynamics with a particular focus on the dissipative dynamics of Markovian Open Quantum Systems.

### **Abstract category**

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