Bringing together quantum simulators and machine learning: quantum assisted NMR inference

I will review the idea of combing quantum simulators with machine learning to perform inference of NMR spectra for small biological molecules. Practical aspects of realizing this hybrid quantum-classical algorithm on currently available experimental platforms, including ion chains and Rydberg arrays, will also be discussed.

Zoom: https://uni-leipzig.zoom.us/my/lsrcolloquium  
For Zoom passcode register at: https://bloch.physgeo.uni-leipzig.de/amr/lsr-colloquium