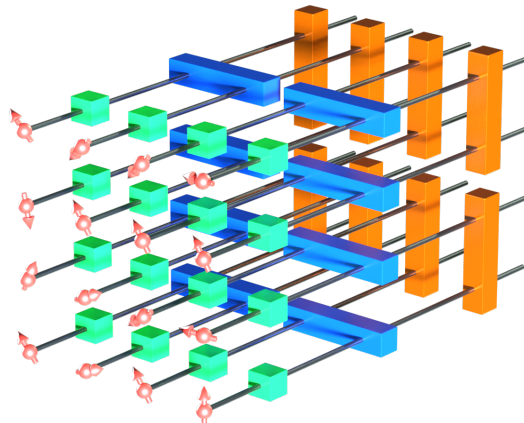


## Postdoc Position in Quantum Computing and Quantum Simulation at FAU Erlangen-Nürnberg.



The Theory of Quantum Technology Group at FAU Erlangen-Nürnberg, lead by professor **Michael J. Hartmann** invites applications for a postdoc position in quantum algorithms and quantum simulation. The positions will be part of the Bavarian and German programs to develop quantum computers, see e.g. <https://www.munich-quantum-valley.de> and <https://www.quantentechnologien.de/>.

We are particularly interested in candidates with expertise in quantum algorithms for the simulation of many-body systems (dynamics and or preparation of specific states) and candidates with expertise in applications in optimization problems, including quantum machine learning approaches.

We offer a full E13 salary of the TVL scheme and an initial contract for 24 month that can be extended further.

To apply, please send your cv, a list of publications and a one page research statement to [michael.j.hartmann@fau.de](mailto:michael.j.hartmann@fau.de). Please also arrange for letters of recommendation to be submitted independently from two scientists familiar with your work. Applications submitted until 31 December 2023 will be considered with preference, but we will continue to accept applications until the positions are filled.

Further information on our research and activities can be found at: <https://www.quantumtheory.nat.fau.eu>

In its pursuit of academic excellence, FAU is committed to equality of opportunity and to a proactive and inclusive approach, which supports and encourages all under-represented groups, promotes an inclusive culture and values diversity.