

Qibo meeting  
8 November  
2023

+ 66 open Issues

Closed

- DBF: energy fluctuations
- Add probabilities to meas outcome
- Unary encoder for gaussian states
- Transpiler is now in Qibo

Ready to go

- QCNN upgrade
- Update docs with qibochem
- DBF: tutorial notebook
- DBF: optimization of the flow step
- Fix clifford label on controlled gates
- gates.ECR decomposition
- Cached gates into qibo.matrices
- FSWAP decomposition

Ongoing

- #1047 [WIP] DBF model
- Optimizers refactor
- #964 Natural gradient implementation
- #1056 Frame potential metric
- Clifford simulator
- N-qubits classifier
- Sabre with measurements

New tasks

- ⚡ Transpiler wishlist
- ⚡ Transpiler.is\_satisfied
- ⚡ Wrong clifford gates

Same of last week