

Parallel sessions: Experiments

Friday 24 January 2025 14:00 (2h 30m)

Some potential topics for discussion:

- o Parallelization of quantum classical workflow (chairperson: Andrea D.)
- o (Large) data encoding and compression schemes (such as PCA) that can keep quantum correlation (chairperson: Miriam)
- o Quantum Monte Carlo generators (chairperson: Vincent P.)
- o QAOA (chairperson: Andrea)
- o QML ((chairperson: Koji)
- o Quantum generative models (can we make use of quantum data) (chairperson: Vincent C.)
- o Role of quantum sensing (chairperson: Yacine)

Possible new research directions (all). Consolidate and/or start working teams working around selected topics.