SESSION #01

QML JOURNAL CLUB@CQT

CO-ORDINATES

- Location: CQT Level 03, Conference Room

- Timing:

  - Talks (Must): Every Second Friday, 3 to 4:30 PM

  - Tutorials: Gap Fridays, 3 to 4:30 PM

GITHUB PAGE

Welcome to the Quantum Machine learning Journal club @CQT

Aim of the journal club

Machine learning seems to be a hot topic. And here at CQT, we have a lot of experts in quantum information processing. Here we are interested in the relation of the two: How machine learning could be useful for quantum information processing? How quantum computer/quantum algorithms could enhance machine learning?

Scope

- Quantum algorithms, especially those involved in machine learning
- Classical machine learning
- Experimental considerations?

Format

- (Bi-)Weekly paper presentation by the participants, they can either choose from the list or propose their own
- Tutorials by experts
- coding exercise? Maybe

Minutes for weekly meetings

RESOURCES

- Classical

  - Suggestions by experts!

- Quantum

  - Quantum Machine Learning by Peter Wittek

  - Research Papers

  - Suggestions again!

PRESENTATIONS

- Presented by members and experts

- Bi-weekly

- Focused on Quantum Machine Learning

- Each member should present one paper, at least.

TUTORIALS AND CODING EXERCISES (?)

- Presented by experts

- During gap Fridays

- Focused on Classical Machine Learning

Suggestions?