



Contribution ID: 92

Type: not specified

Hybrid Quantum-Classical Machine Learning Applications with Qiskit

In this workshop we explore some of the available quantum algorithms designed for data analysis. Specifically, our focus will be on hybrid quantum machine learning, a paradigm integrating classical machine learning models with quantum algorithms. We will also examine techniques for integrating quantum models into pre-existing machine learning workflows, using transfer learning as an example. The hands-on aspect of the workshop will use the Qiskit SDK to implement tutorial examples, providing practical experience with quantum programming.

Presenting Author

Email

Student or Postdoc?

Institute

Registered for the conference?

CHPC User

CHPC Research Programme

Primary author: Dr MULLER, Stephanie (IBM Research)

Presenter: Dr MULLER, Stephanie (IBM Research)

Session Classification: Workshop