Contribution ID: **92** Type: **Workshop**

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.

Student or Postdoc?

Email address

Co-Authors

CHPC User

CHPC Research Programme

Workshop Duration

Half-day

Primary author: Dr MULLER, Stephanie (IBM Research)

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Session Classification: Workshop

Track Classification: Quantum Computing