



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

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**Session Classification:** Workshop

**Track Classification:** Quantum Computing