

Rúben André Barreiro

ruben.andre.lettra.barreiro@gmail.com

Quantum Machine Learning

Teaching Team: Dr. Christa Zoufal, Julien Gacon, Dr. David Sutter
(IBM Quantum Research)

Duration:	11.01.2023 - 25.01.2023	Exam:	1 hour, 20 questions
Language:	English		(multiple choice)
Teaching form:	Online Course		

Course Topics:

- Understand how to build basic and advanced quantum machine learning models
- Implement classical and quantum algorithms to solve machine learning tasks with Python and Qiskit
- Learn about roadblocks and challenges of quantum machine learning
- Explore the future prospects of quantum machine learning

Result:

15.7 out of 20.0 possible points (78.5%)



Prof. Dr. Christoph Meinel
openHPI Director



Dr. Christa Zoufal
Course Guidance



Potsdam, January 24, 2023

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