

Rúben André Barreiro

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Introduction to Quantum Computing with Qiskit

Teaching Team: Dr. Elisa Bäumer and Carmen Recio Valcarce (IBM Quantum Research)

Duration:	21.09.2022 - 05.10.2022	Exam:	2 Hours, 15 Questions
Language:	English		Multiple Choice
Teaching form:	Online Course		

Course Topics:

- Introduction to Qiskit and the IBM Quantum Services
- Running first quantum circuits with Qiskit
- Implementing the Deutsch-Jozsa algorithm and Grover's algorithm with Qiskit
- Applying measurement error mitigation

Result:

16.0 out of 17.0 possible points (94.1%)



Prof. Dr. Christoph Meinel
openHPI Director



Dr. Elisa Bäumer
Teacher



Potsdam, October 3, 2022

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