

Workshop

Antwerp Young Minds – Department of Physics

Quantum Computing II

Hands-on with Qiskit

Eric Michiels (IBM Quantum)

After our previous workshop on Quantum Computing last semester, the Antwerp Young Minds return with a new interactive workshop, focusing on applications using the Qiskit package. The workshop is open for all students and researchers, whether you attended the previous one or not. With joy we present you the following line-up of topics:

- 1) Quantum computing & Qiskit: intro
- 2) *Hello World*: Qiskit guided exercise
- 3) *Quantum Adder*: Qiskit exercise
- 4) Quantum algorithms and their complexity
- 5) Quantum teleportation: proof & Qiskit exercise
- 6) Bernstein-Vazirani algorithm: proof & Qiskit exercise

Register here:



Wednesday March 6th

9h00 - 12h30

CGB Z.445 & Z.446



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