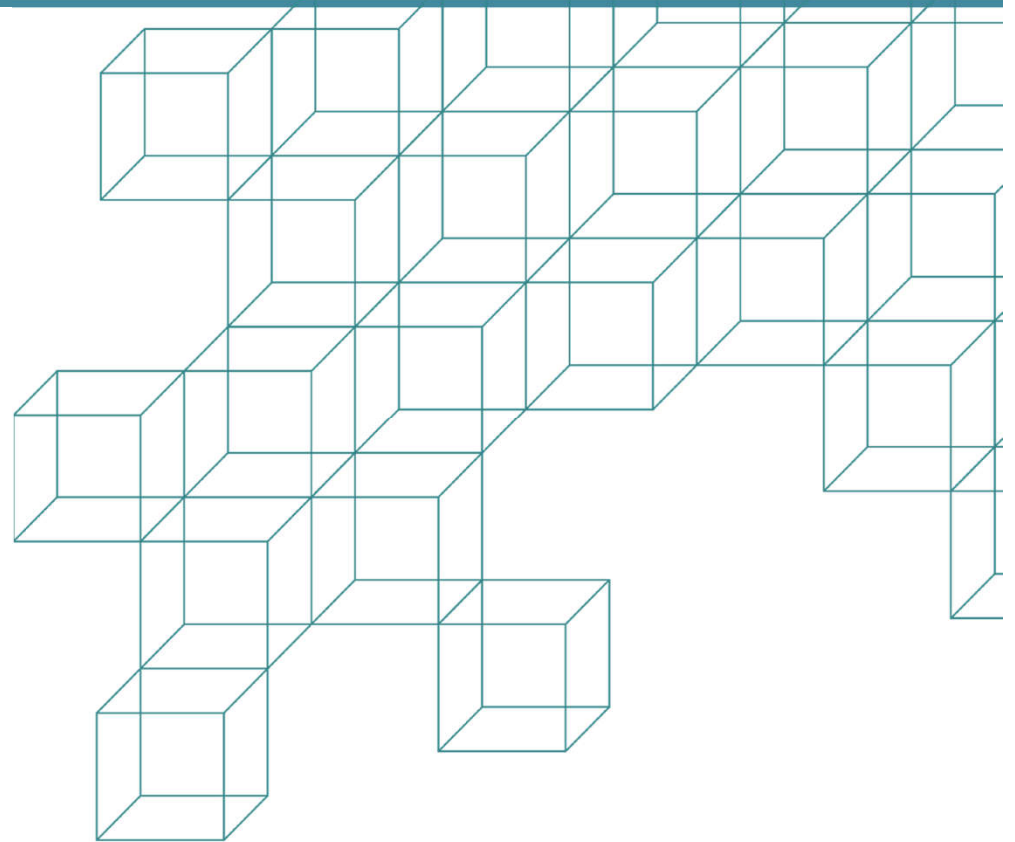



QBLOX

THE CONTROL STACK FOR THE QUANTUM
REVOLUTION



From the Largest Quantum tech Hub in Europe:

TNO innovation
for life

QuTech

TU Delft

International Partners:

 **Alibaba**

 **Berkeley**
UNIVERSITY OF CALIFORNIA

 **PRINCETON**
UNIVERSITY

 **UTS**

 **Orange**
Quantum
Systems

QILIMANJARO

The world needs Quantum Advantage

Efficient Chemistry

e.g. Manufacture fertilizer efficiently



~1000 qubits

Material Science

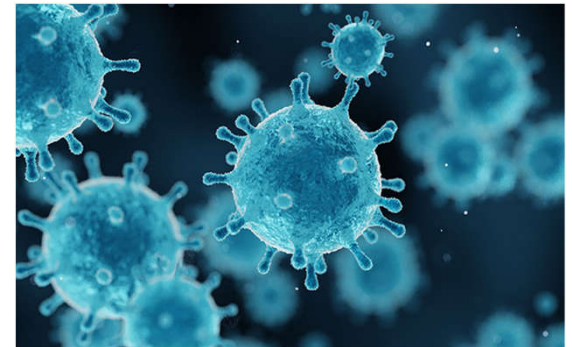
e.g. Improve Solar panel efficiency



~10.000 qubits

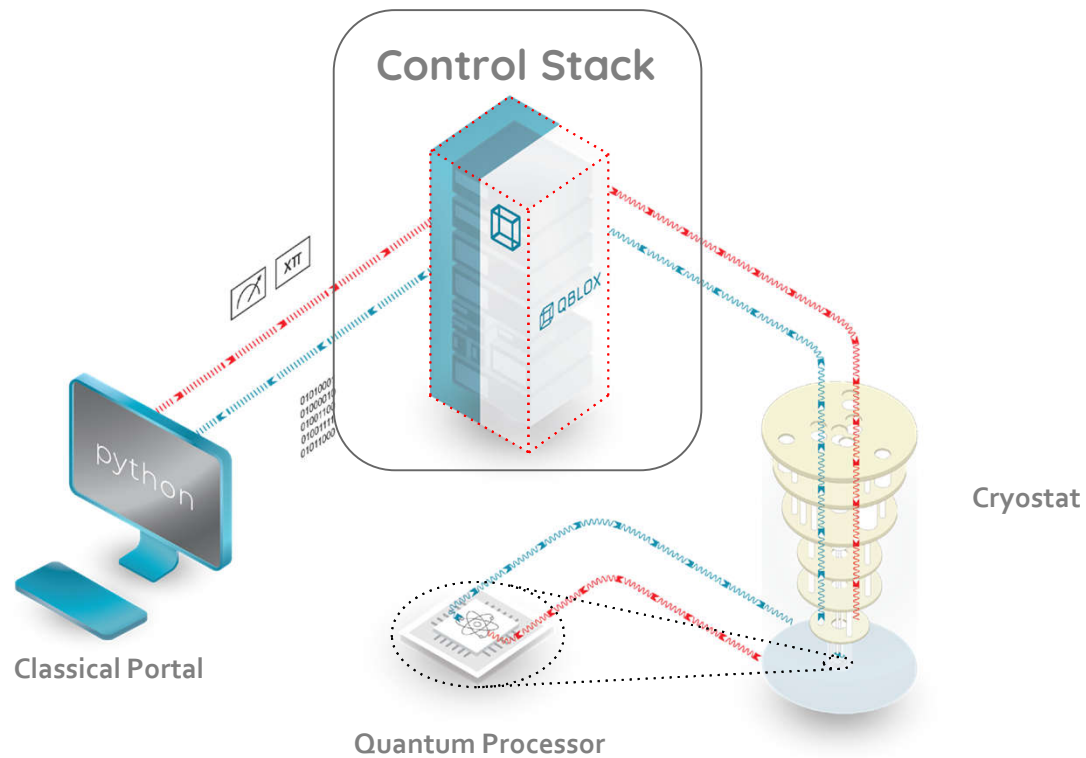
Drug Discovery

e.g. Battle virus outbreaks



~100.000 qubits

Qblox enables Quantum Advantage by revolutionizing control stacks



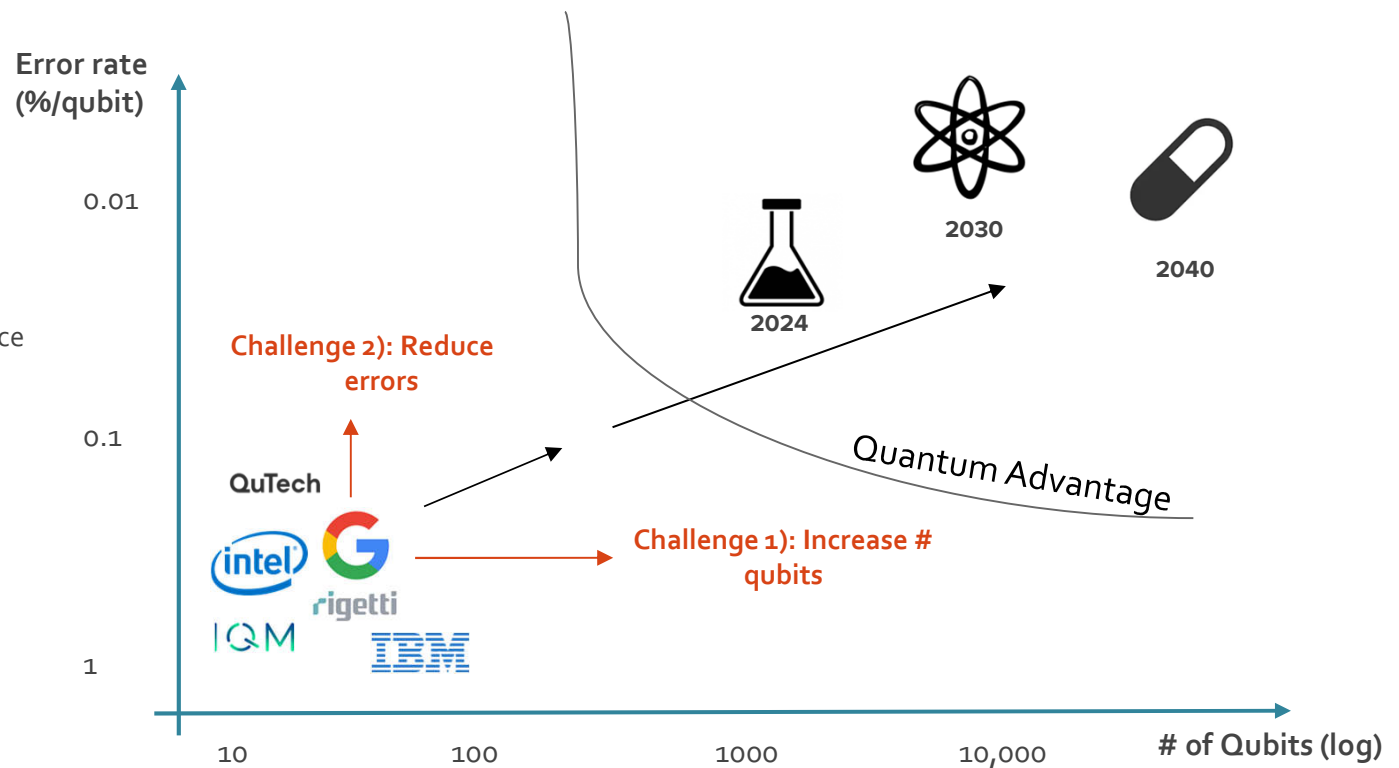
Worldwide race towards Quantum Advantage

1. Scaling for 1000 qubits:

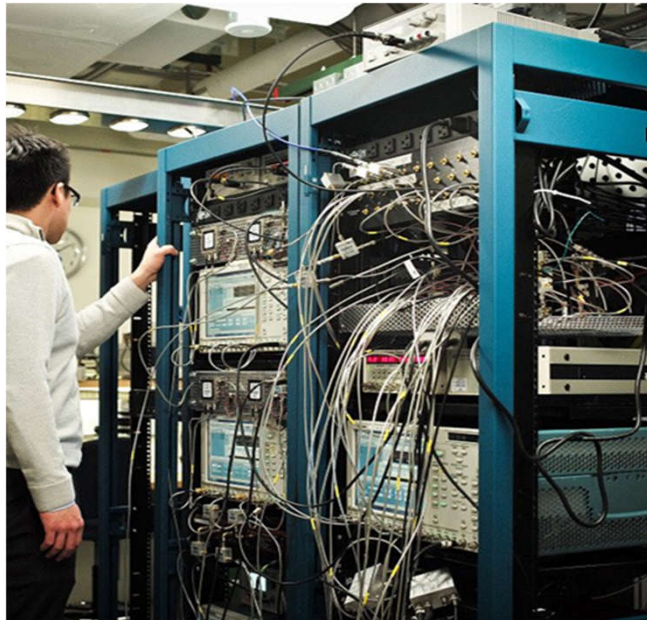
- Size: ~500 meter rack space
- Cost: ~ € 50 Mn

2. Too many errors (~0.5%):

- Too noisy signals
- Cannot correct errors



Bottlenecks in Quantum Control

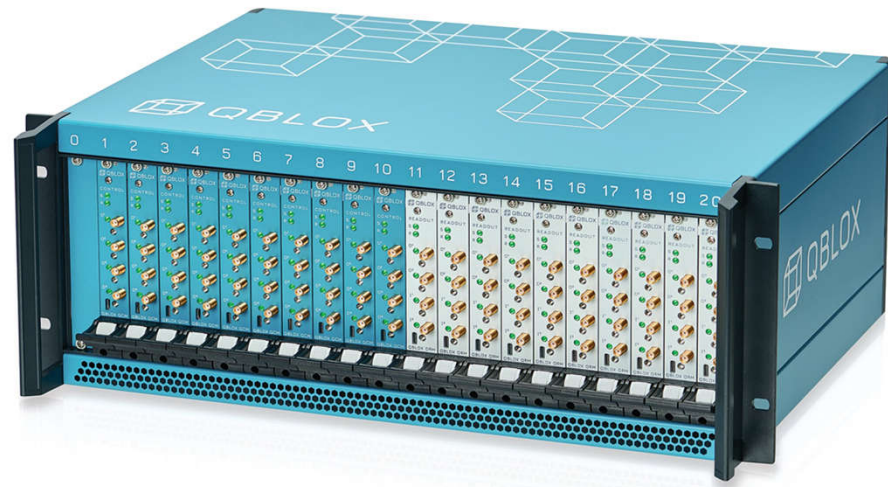


IBM research (2018)

Controlling just 5 qubits

1. Size: ~6 meter rack space
2. Cost: >€ 300k

Meet Qblox Cluster



> 4 patents
Lowest noise on the market

Qblox
Launching
Customers:



QILIMANJARO



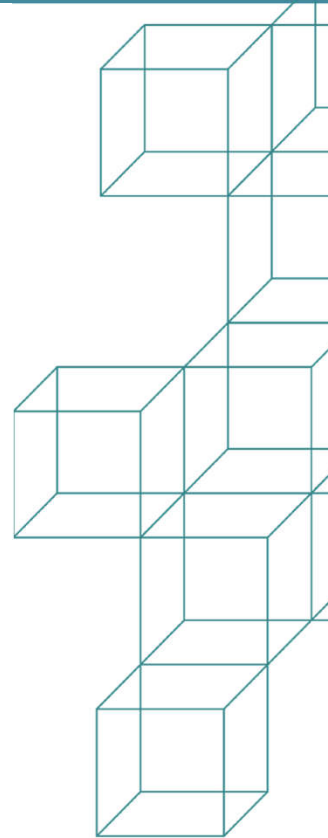
SuperCluster



>\$7 mln in funding
>\$1.4 mln in revenue



THE CONTROL STACK FOR THE QUANTUM
REVOLUTION



Niels Bultink
CEO & CoFounder



Jules van Oven
CTO & CoFounder



Jordy Gloudemans
Digital Design Engineer



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View our vacancies



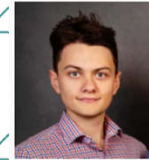
Wouter Geense
Design +
Brandmanagement



Victor Negirneac
Experimental Physicist



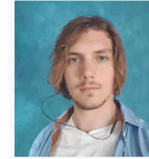
APS Marchmeeting 2020
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From the Largest Quantum Hub in Europe:



International Partners:

