

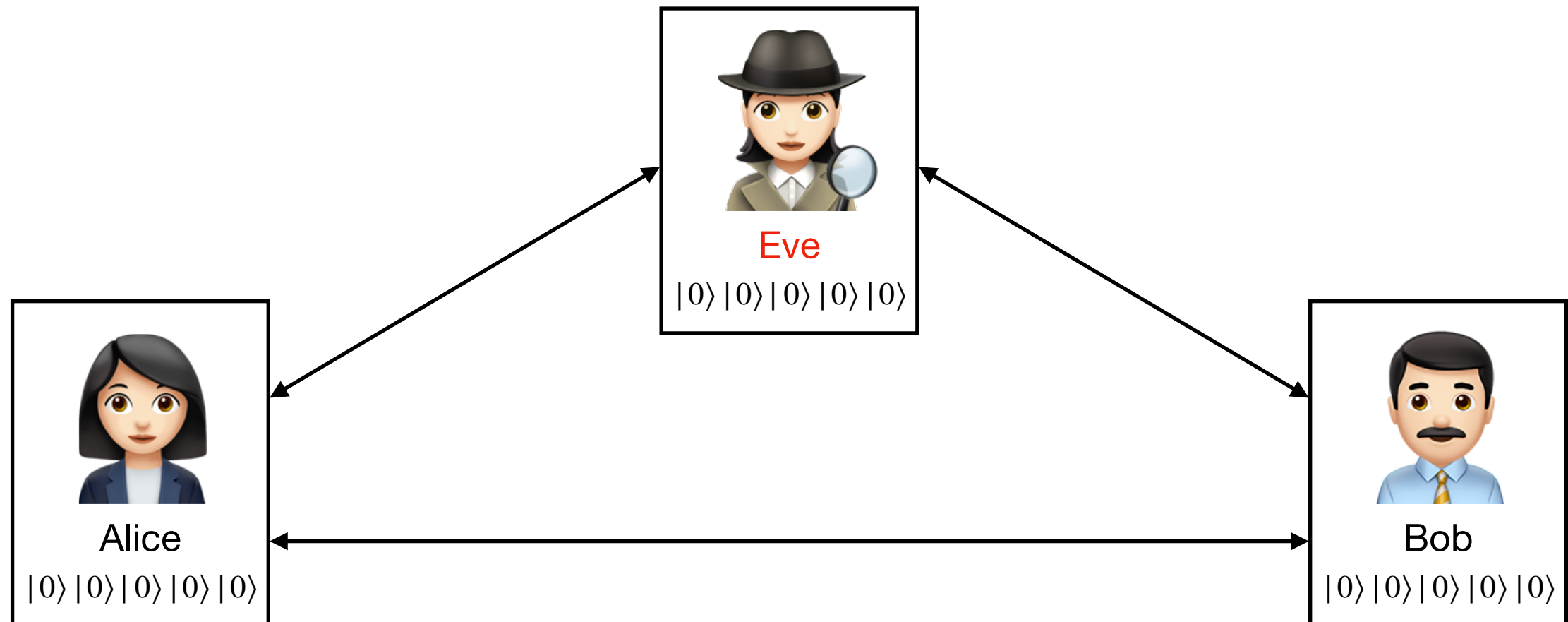
Hands-on:

# Qubit in SimulaQron

[q-edu-lab.com](http://q-edu-lab.com)

# Quantum internet simulator

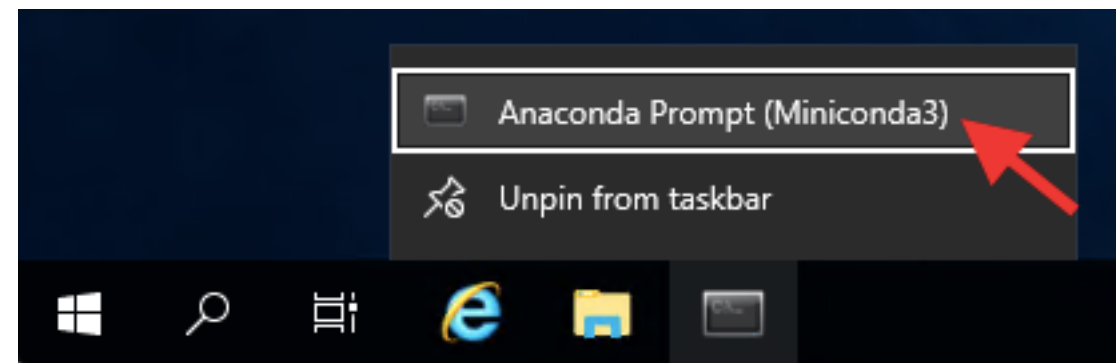
- **Virtual quantum node:** simulated quantum hardware
- 1 node per actor: **Alice**, **Bob**, **Eve** (and others)
- Each has a small quantum device (max. 20 qubits by default)



# Azure VM - Instructions

# Quantum nodes

1. Open Python terminal:



2. Start quantum nodes (Alice, Bob, Eve):

```
Administrator: Anaconda Prompt (Miniconda3)

(base) C:\Users\MyAdminFriend>cd "Quantum Course"

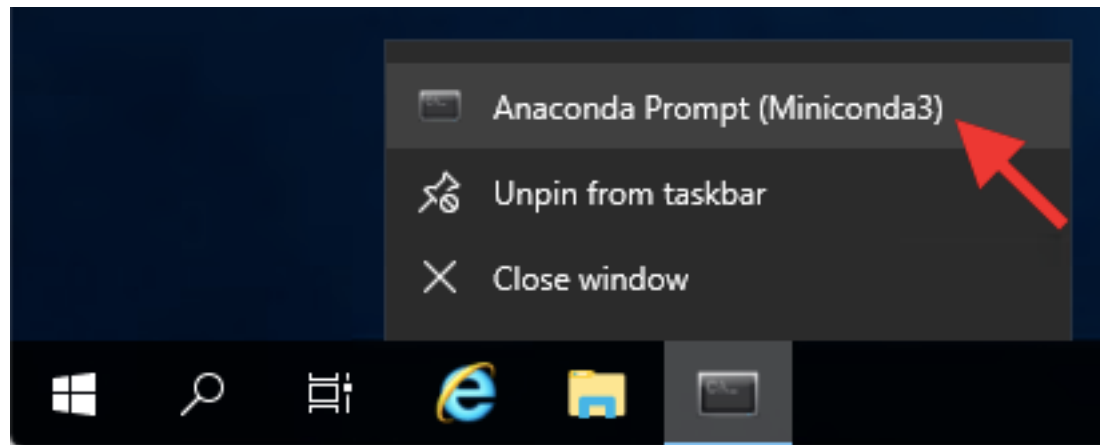
(base) C:\Users\MyAdminFriend\Quantum Course>startNodes.cmd

(base) C:\Users\MyAdminFriend\Quantum Course>echo OFF
Starting Alice...
Starting Bob...
Starting Eve...
Completed!

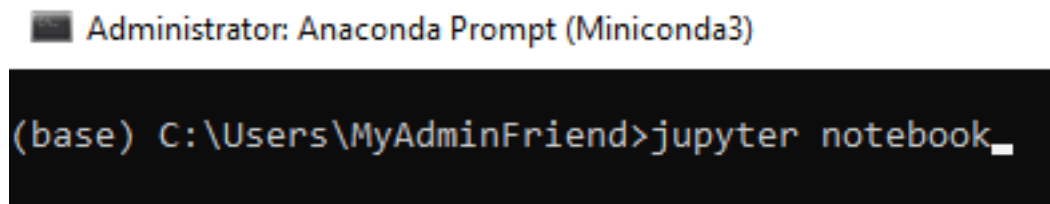
(base) C:\Users\MyAdminFriend\Quantum Course>_
```

# Jupyter notebook

1. Open (a new) Python terminal:



2. Start Jupyter notebook:



3. Go to „Quantum Course“ folder:

