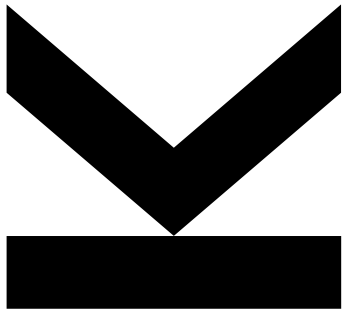# a QUICK introduction
(QUantum Information & Computation @ Kepler)

Bachelor thesis information event
25.01.2024
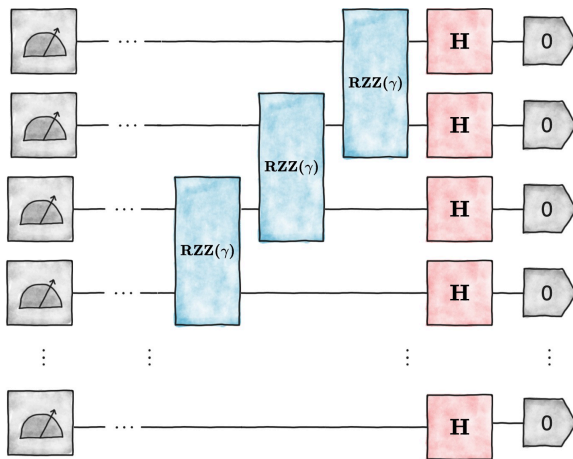*Richard, Kristina & Viet*

Who are we?

Quantum Information and Computation
at the J. Kepler university (QUICK) group

- diverse & international

- curious & creative

- no bullshit attitude

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What do we care about?

- quantum algorithms:
  design, analysis & implementation

- characterization, verification & benchmarking

- randomized algorithm design (think SGD)

- (convex) optimization

- (math of) data science, signal processing & machine learning

- outreach & knowledge transfer (science+art)

- etc.

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Who are we looking for?

- curious minds, passion

- international mindset

- diverse set of interests

- team players

- no bullshit attitude (scientific rigor!)

- 'grit'

exemplary projects:

- reversible (quantum?) game of life

- (binary) classification on encrypted data

- quantum features of random n-qubit states

- your own ideas (!)

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