Quantum Computing

The slides contained a lot of pictures without a licence.

Thus here just a list of resources where to go next.

If you want the talk, drop me a mail, I will do it again.

Talk at ARIC Brownbag-Session. Hamburg, September 2022, falko.spiller@cgi.com

Quantum Computing Resources

- Entry level text book by Thomas Wong, free: http://www.thomaswong.net/

- Quirk, simulator for gate base QC, free: https://algassert.com/quirk

- Programming, Python: Quiskit, with free book: https://qiskit.org/

- In Julia, Yao: https://yaoquantum.org/

- Much more, with free access to (small) quantum computer
    - EU, TU Delft: https://www.quantum-inspire.com/
    - US, IBM: https://quantum-computing.ibm.com/

- D-Wave https://www.dwavesys.com/

- Buch (the classic):
  Quantum Computation and Quantum Information, by Michael A. Nielsen (Autor), Isaac L. Chuang

- Bonus Track: https://www.smbc-comics.com/comic/the-talk-3