

QUTES **SEMINAR ON** **QUANTUM** **TECHNOLOGY**

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I will present some basic notions about quantum computation, the different paradigms (quantum circuit model, adiabatic algorithms, topological quantum field theory model), and implementation efforts under way (including IBM's openly accessible five qubit device). Since all paradigms have been shown to be computationally equivalent (with polynomial overhead) to the circuit model, I will describe this approach in somewhat more detail. I'll also show some simple calculations performed on the IBM's computer.

The presentation will be at an elementary level.

ORGANIZERS

QUTES
Slovene Quantum
Technology
Community

www.qutes.si

WHEN

April 18th, 2017

17:00 – 18:00

WHERE

MAFIJA,
Science Cafe,
[Jadranska 21, Ljubljana](#)

