Plan of the lectures

(If 2nd lecture in each day ends early, then we start hands-on early)

Day 1

- Lecture 1: introduction, basics of quantum computation
- Lecture 2: Spin system on quantum computer (QC)
- Hands-on 1: Basics on IBM's qiskit, time evolution of Ising

Day 2

- Lecture 3: Quantum field theory (QFT) on QC
- Lecture 4: QFT on QC, error correction & future prospects
- Hands-on 2: vacuum of Ising, Renyi entropy