1. **Appointment of chair & secretary**
   For this week Willow is assigned as secretary and Sam is assigned as chair.

2. **Study Plans**
   Ana suggested we go through different topics in quantum computing and each of us bring at least two the next meeting. We then started going through the notes. Willow shared the lecture timetable for PHYS483.

3. **What we know so far**
   Sam wrote a report on quantum entanglement for PHYS375. Willow discussed the difference between classical computing and quantum computing. In classical computers logic gates are functions that map sets of discrete bits to single bits, whereas in quantum computers logic gates are replaced by matrices that map qubits across.
   Ana will look into which language is best for simulating a quantum computer in.

4. **Action Points for Next Week**
   - Willow will put together a simple python program to simulate a very simple quantum circuit for next week. She also suggests setting up a GitHub repository for our project at a later time.
   - Ana will look into doing this in MatLab for next week.
   - Sam will look into some different quantum algorithms we could implement.

5. **AOB**

   We will organise a time and location for our next meeting via teams.