**PHYS379 Group 3 Minutes**

**Date and Time: 28/02/2023 @ 15:00**  
**Location: Library A5 Study Space**

1. **Appointment of chair & secretary**

Sam is appointed secretary.

1. **Grover Project Progress Update**
   1. **Error Implementation**

Willow has created a working program that tests the error on any given program and has obtained results for the Grover program.

* 1. **Simulation Testing**

Willow and Ana are going test various scenarios, different errors for both Grover search and Grover adaptive search.

1. **Cryptography Project Progress Update**

Sam has finished the Shor’s algorithm program and it now works for n=15 (the most useful case). Sid has started on the writeup and implementation of the code into the RSA program.

1. **Report Progress Update**

Sid has started the writeup for the Shor’s section of the report and the Grover’s section continues to be filled out.

1. **Tasks for this week**

Sam Will add finishing touches to the Shor’s program to get it more accurate, aside from that everyone else will be focusing on the report as projects are mostly done.

1. **AOB**