

## **30/01/2023 Minutes:**

### **13:09 Projects proposed were discussed:**

Cryptography. Security.

Continuation of Grover's algorithm.

Noise comparison between classical and quantum computers.

Classical algorithm proved to be more efficient using quantum computing.

Look for databases of exoplanets and apply quantum search algorithm to look for different classes. Compare to classical.

### **13:17 Division of groups:**

Exoplanets project, Ana and Willow: Find database. Find classical algorithm and use Grover's search algorithm to improve computation time.

No cloning theorem in security project, Sid and Sam: Still deciding. Key distribution.

### **13:25 Willow went over her code on unary gates.**

### **13:35 Papers and information searching.**