NTNU | Norwegian University of Science and Technology

The quantum (in-)secure future of the financial sector

Tjerand Silde – Cyber security in 20 minutes

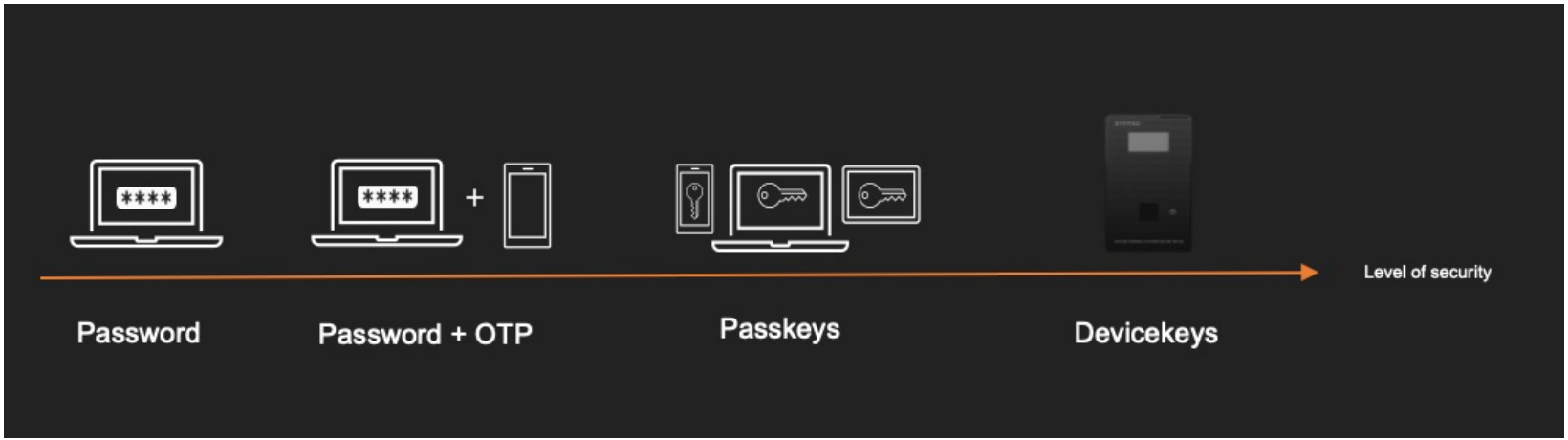
Introduction

Associate Professor, Department of Information Security and Communication Technology, NTNU

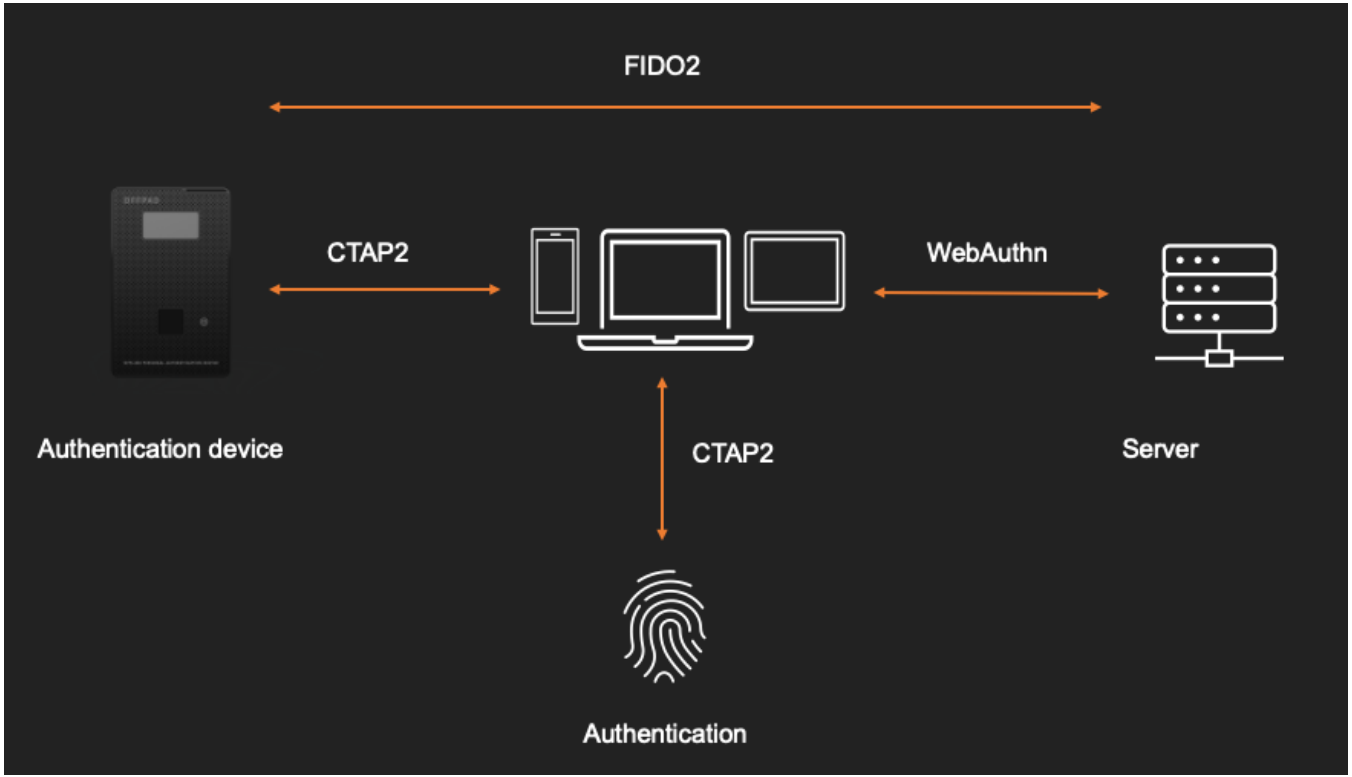
Security and Cryptography Expert at Pone Biometrics

Researching privacy applications and post-quantum cryptography

Secure Authentication

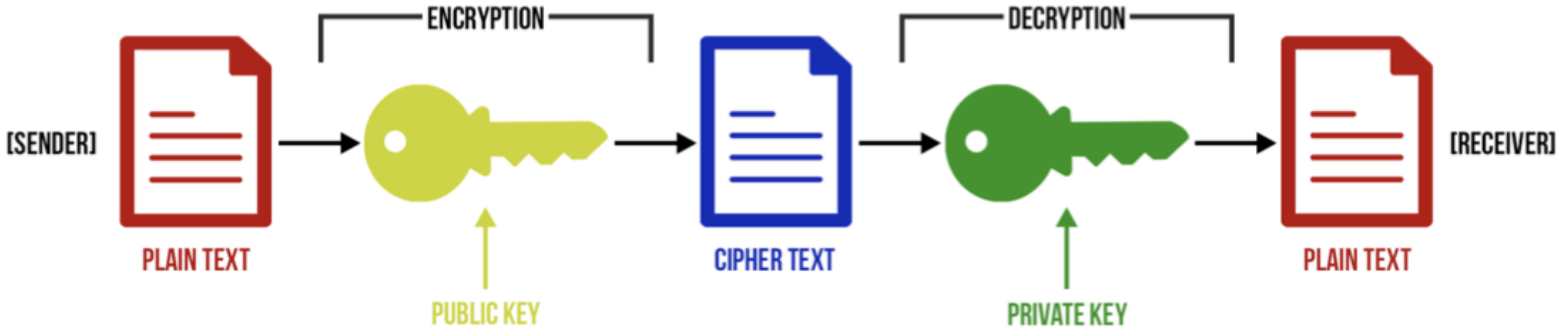


The FIDO Ecosystem

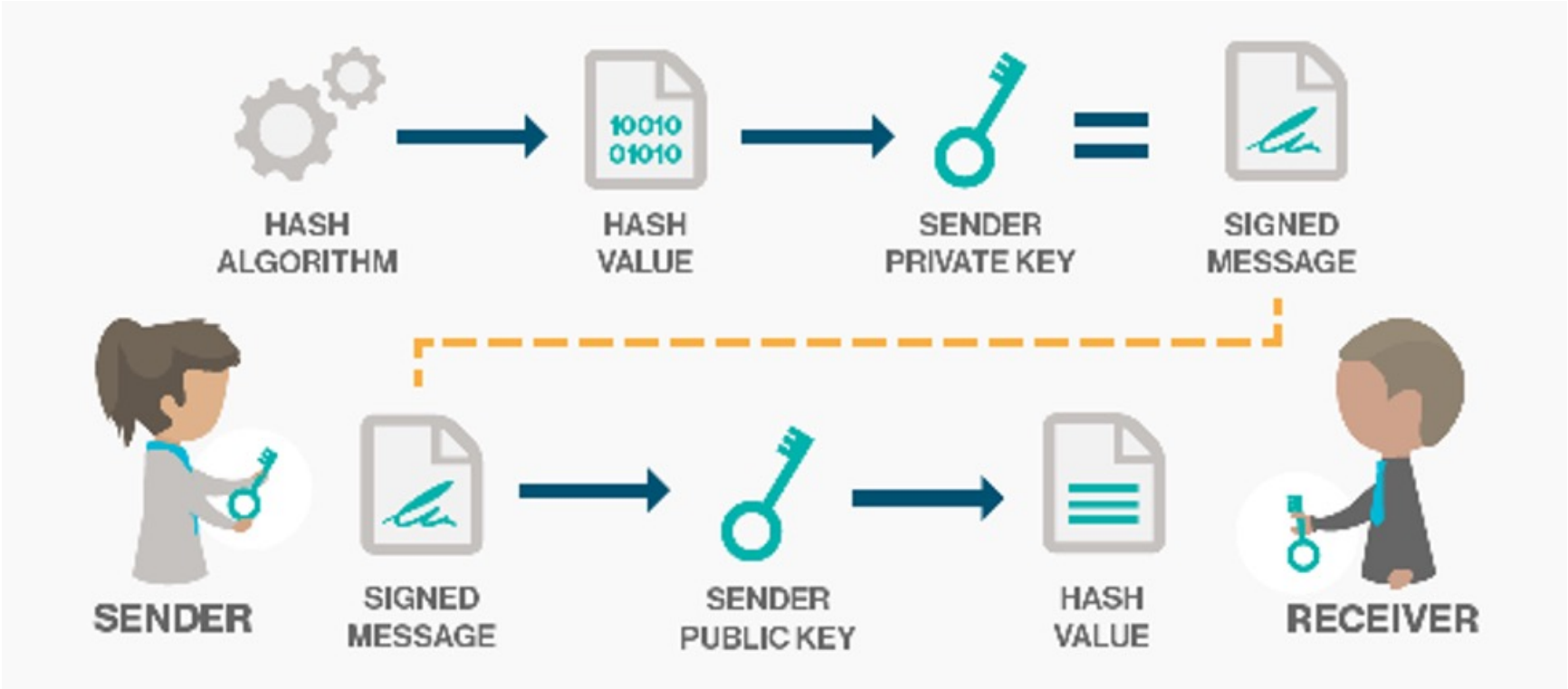


Symmetric Key Encryption

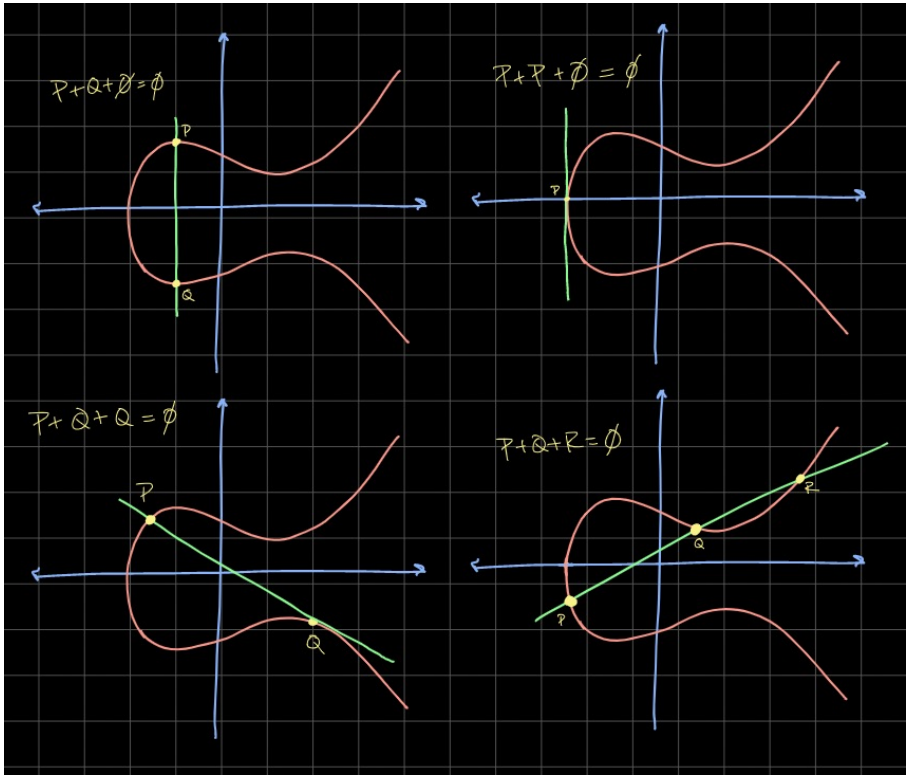
Public Key Encryption



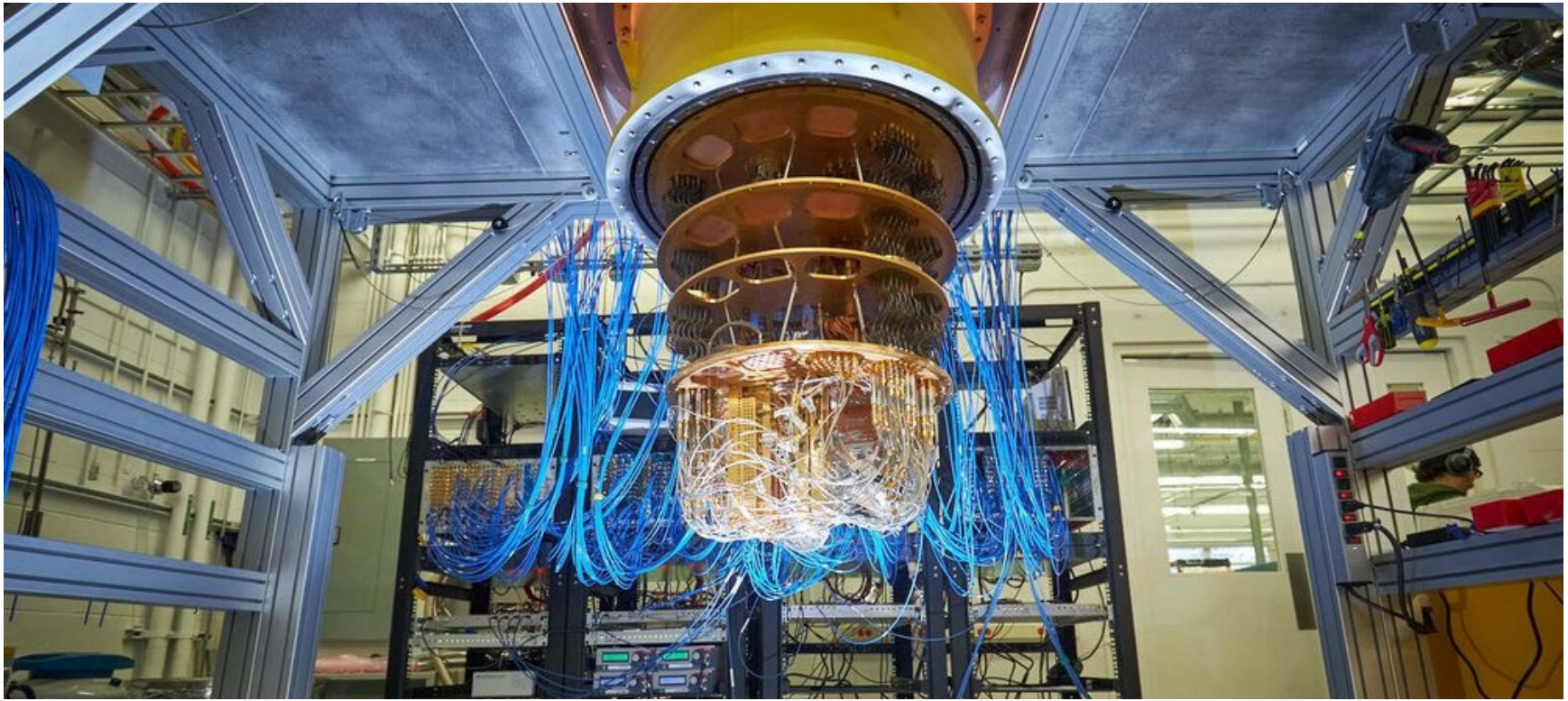
Digital Signatures



Today: Elliptic Curves

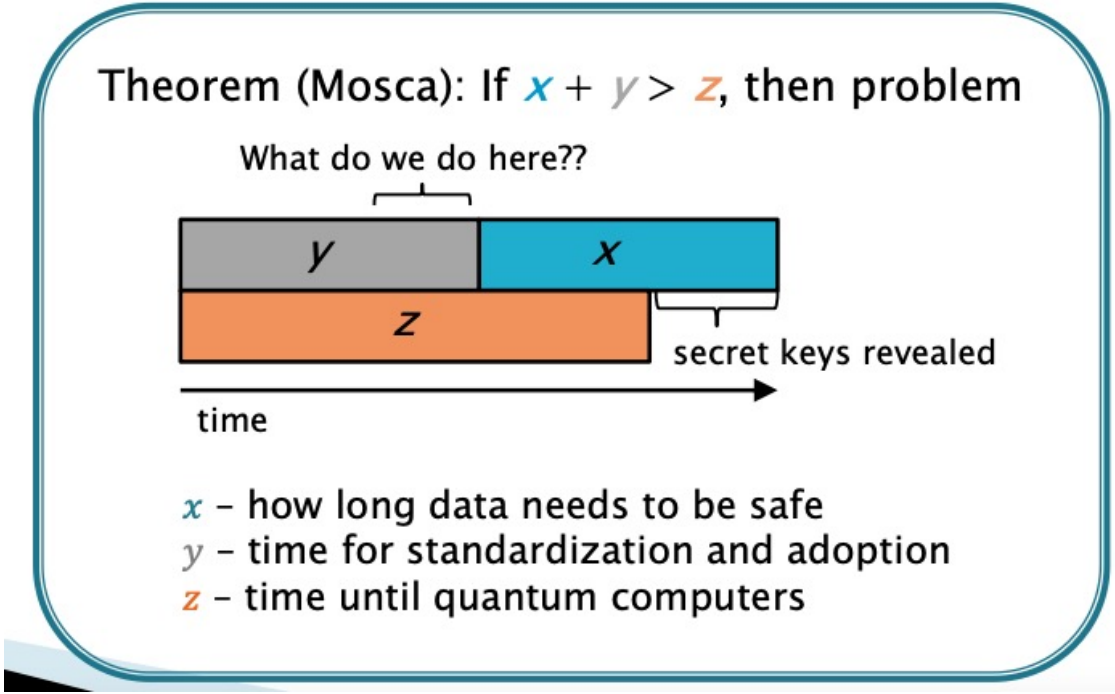


Quantum Computers are Coming!



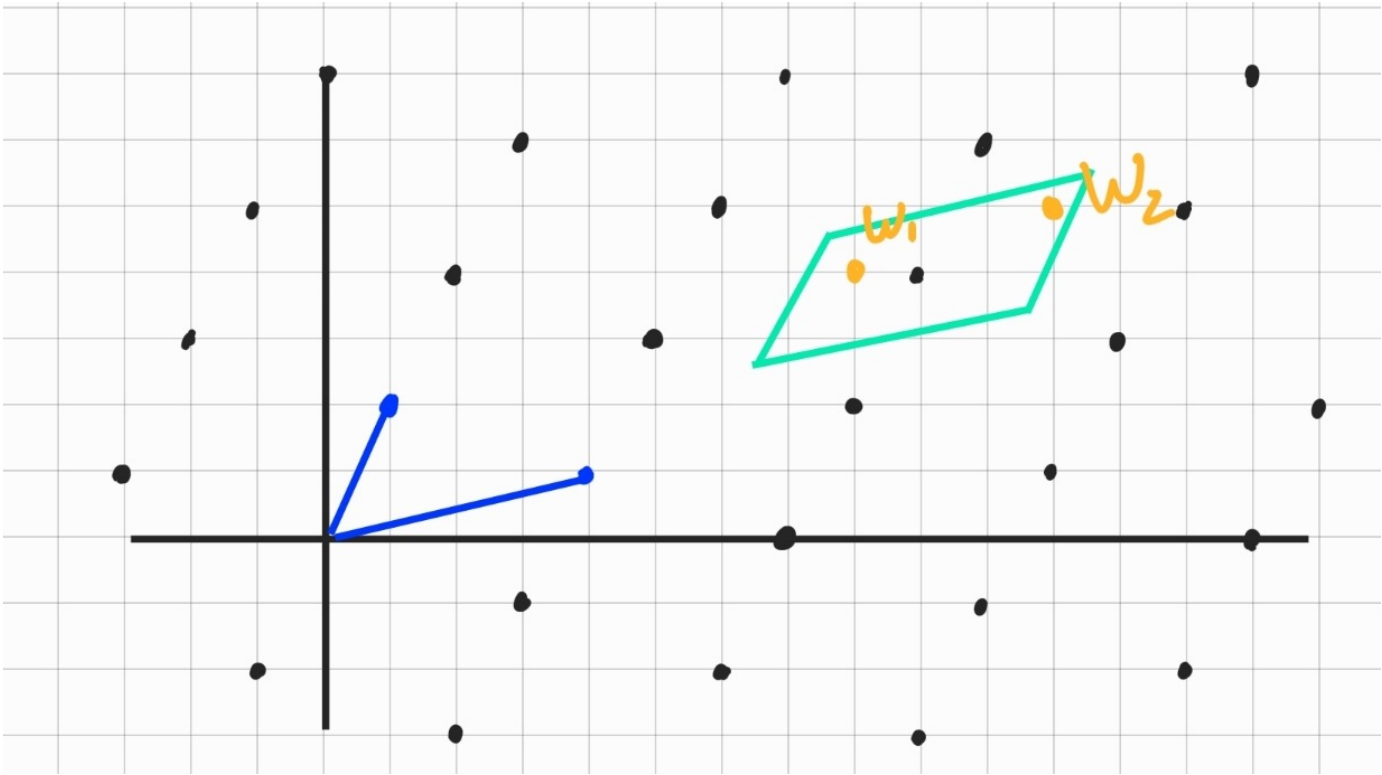
Using Cryptography Online

Lifetime of Data Protection



PQC Standardization

Tomorrow: Lattices



Thank you! Questions?

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