

# Design and Implementation of an Authenticated Post-Quantum Key Exchange Protocol

*An Adaptation of the Encrypted Key Exchange Protocol using  
CRYSTALS-Kyber*

---

Master's degree in Telecommunications and Informatics Engineering

---

**Author:**

Inês Martins Ribeiro

**Professor**

Prof. Ricardo Chaves

# Índice

1	Introduction	1
---	--------------	---

# 1 Introduction