Open Positions:

Quantum Networking at Universidad Politécnica de Madrid, Center For Computational Simulation, ETSI Informáticos.

The positions are for 1 year extensible to 3-4 years.

Framework:
The work at UPM-CCS is centered around Quantum Networks and is part of the recently awarded projects CiViQ, Quantum Flagship project on quantum communications and OpenQKD: Open European Quantum Key Distribution Network and other european projects related to Quantum Key Distribution.

The OpenQKD project is considered as the initial phase of a far-reaching program that will create a Quantum Communications Network all over Europe, the Quantum Communications Infrastructure.

The candidate will work on the integration of Quantum Key Distribution Systems into real production networks following novel networks paradigm such as Software-Defined Networking and Network Function Virtualization.

He/she will do research in architectures, interfaces, protocols, security, network analysis and optimization and deployment of devices and services combining classical and quantum communications.

Required experience:
We are looking for motivated individuals with a degree in engineering, computer science (or equivalent if relevant qualifications are presented) willing to do research in quantum communications networks.

We expect good programming skills (preferably in Python) and value the knowledge about classical cryptography and networks (specially in SDN and optical communications).

The candidate should be able to communicate in English fluently.

We will also value the candidate's ability to work as part of a team, on his/her own initiative, and his/her communications skills.

How to apply:
Send a statement letter and CV, preferably with one or two recommendation letters, to gestion.ccs@upm.es