

RobustSuperQ – Job offer

2 to 3-year Post-doc position

In **Experimental protected superconducting circuits**

Job description

You will work on designing, fabricating and measuring a superconducting circuit that houses a protected ground state manifold. Examples of these circuits are the $0/\pi$ qubit, and a qubit protected by Cooper-pair pairing. In this project we research exotic arrangements of superconducting elements to experimentally implement such qubits. This requires a combination of creative thinking and experimental skill.

In central Paris, at the Laboratoire de Physique de l'Ecole Normale Supérieure in the Qantic Team

<https://quantic.phys.ens.fr/>

Starting date

October 2022 and beyond

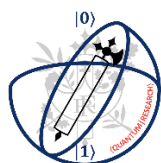
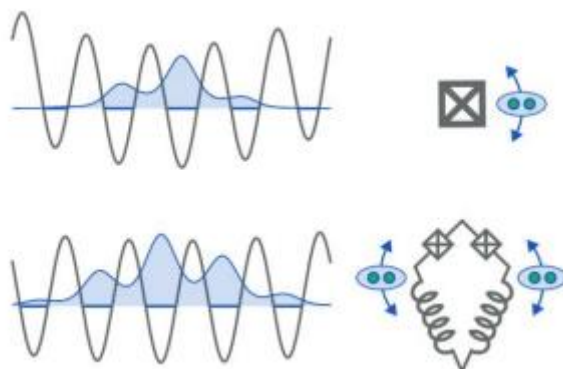
Job requirements

The candidate must have a PhD in a topic related to experimental quantum physics.

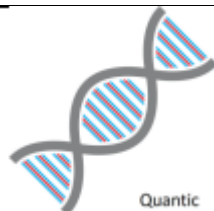
How to apply

Please send your application to zaki.leghtas@ens.fr

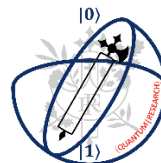
Required documents: CV, e-mail supervisor/ recommendation contact



PROGRAMME ET
EQUIPEMENTS
PRIORITAIRES DE
RECHERCHE
QUANTIQUE



Qantic



FRANCE
QUANTUM
BASIC
RESEARCH
PROGRAMME

<https://www.robustsuperq.fr>

Position : Post-doc

Duration: 2-3 years

Location: Paris <https://quantic.ens.fr>

Contact: zaki.leghtas@ens.fr