

# RobustSuperQ – Job offer

2 to 3-year Post-doc position

## 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 Quantic team [quantic.phys.ens.fr](http://quantic.phys.ens.fr)

### Starting date

October 2022 and beyond

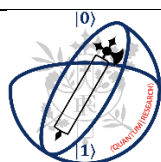
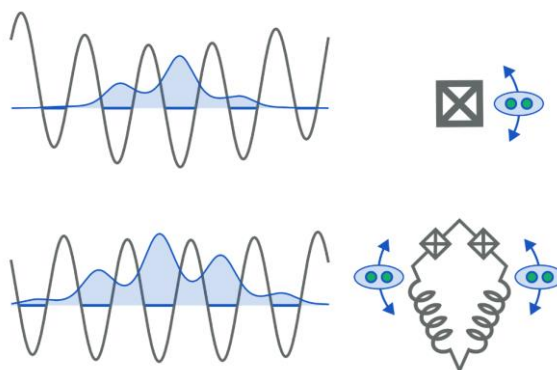
### Job requirements

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

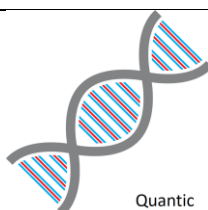
### How to apply

Please send your application to [zaki.leghtas@ens.fr](mailto:zaki.leghtas@ens.fr)

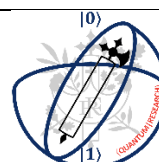
Required documents: CV, e-mail supervisor/ recommendation contact



PROGRAMME ET  
EQUIPEMENTS  
PRIORITAIRES DE  
RECHERCHE  
**QUANTIQUE**



Quantic



FRANCE  
**QUANTUM**  
BASIC  
RESEARCH  
PROGRAMME

<https://www.robustsuperq.fr>