

Postdoctoral researcher in Quantum Information Theory

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We're recruiting a postdoctoral researcher for a 2 year position to begin around August / September 2025. The successful candidate will work closely with [Peter Brown](#) and [Cambyse Rouzé](#) and join the rapidly growing Inria research team [Curiosity](#) located at Télécom Paris, Institut Polytechnique de Paris. The project will be funded partly by an IPP starting package and partly by the Quantum Secure Networks Partnership (QSNP) European consortium.

Our research covers many domains of quantum information processing but the successful candidate will be expected to contribute to one of more of the following topics:

- Quantum Hamiltonian Complexity
- Quantum Information Theory
- Quantum Cryptography

Candidate profile:

Applicants must hold a PhD in computer science, mathematics or physics on the broad topic of quantum information theory or quantum computing. Familiarity with topics such as: Hamiltonian complexity, Gibbs sampling, polynomial optimization and convex optimization are welcome bonuses but not necessary.

Application procedure

Applicants are required to send the following documents to peter@brown@telecom-paris.fr

- Your CV
- A list of you top 2 publications (with a short justification for your choices)
- Research statement
- Contact details of 2 referees

Application deadline

Applications will begin to be considered from the 1st May, applications may be submitted until the position is filled.

If you have any questions regarding the position feel free to send an email to the above email address.