



Interdisciplinary PhD program "Quantum Engineering Grenoble"

We invite outstanding candidates to apply for our three year interdisciplinary PhD program "Quantum Engineering Grenoble". The QuEnG program aims to foster a local ecosystem for quantum technologies, building on the unique concentration of expertises, know-how, and resources of Grenoble area. The targeted ecosystem will connect various areas of knowledge, from science to humanities and entrepreneurship. The students of the program will work together to address current challenges of quantum technologies, at the interface between physics, computer science, mathematics, industry, philosophy and social science. They will contribute to the creation, the development and the animation of the ecosystem through actions supported by Grenoble-Alpes University. The QuEnG program provides a unique opportunity to develop a network both in the private and in the academic sector, and to become one of the future quantum engineers.

Eligibility criteria

Scholarships will be attributed on the following topics: quantum hardware, quantum software, qubit/photon interface, quantum sensing, energetic and entropic footprints of quantum processing, societal and philosophical aspects of quantum theory and quantum technologies, along the lines of the project [Quantum Engineering Grenoble](#)

Applicants have to meet the following main criteria:

- Outstanding or excellent Master's degree or equivalent qualification
- Capacity or good previous knowledge in Quantum Computing, Quantum Technology, Philosophy or Sociology of Science, Mathematics
- Outstanding references

Salary: From 1769 euros/month (without teaching) to 2100 euros/month (with teaching) before taxes, with additional **research grants** ranging from 5 k€ to 40 k€.

**Deadline to submit your application:
5 October 2017- 11:59am (UTC+2)**

For more information visit: <https://quantum.univ-grenoble-alpes.fr/join-us/phd-programmes/>
Contact us at: greque@neel.cnrs.fr