**Spring 2025 PhD Program**

**Application Guide**

The Spring call of the PhD programs contains two funding possibilities which have several particularities (see Table 1 below). It is strongly encouraged to apply to both programs as long as your project fits clearly the specific requirements, to be detailed in sections C1 & C2.

**The applications in done through the application platform, this document only summarizes the information about the call as well as the information needed to fill in the online form with.**

**All applications must be finalized and all documents uploaded onto the online platform before March 14th, 2025, 5:00 pm (central European time).**

|  |  |  |
| --- | --- | --- |
| PhD Programs | **QuanTEdu** | **QuantAlps** |
| Scientific areas | Physics, Computer Science, Electrical Engineering and Mathematics | Physics, Computer Science, Electrical Engineering, Mathematics, and Humanities |
| Eligibility criteria | Should contribute to quantum technologies, in particular:  - Quantum computing  - Quantum simulation  - Quantum communication  - Quantum sensing and metrology | Should belong to the research areas of the QuantAlps Labex, in particular:   * Social and human sciences for quantum * Quantum information and algorithms * Quantum engineering and nanophysics * Quantum matter * Cryogenics and key enabling technologies   Should satisfy at least one of the following synergy criteria   * Two supervisors belonging to two different teams or laboratories * Interdisciplinary or inter-Labex project * Collaboration with R&D laboratories |
| Section to fill | C1 | C2 |

*Table 1: Summary of the two PhD programs with their particularities.*

**Application Form template**

**Attention: The following section is for your information only.**

**The information below must be filled directly in the application platform.**

**A – General applicant and Thesis Information**

**Please be prepared to fill in these sections in the online application form.**

**Applicant:**

|  |  |
| --- | --- |
| Family Name |  |
| First Name |  |
| Gender | *male/female/unspecified* |
| Nationality |  |
| Date of Birth | *dd/mm/yyyy* |
| Email Address |  |
| Phone number | *+00 (0)0 00 00 00 00 00* |
| Mobile number | *+00 (0)0 00 00 00 00 00* |
| Home Address | *Street – Postal Code - City*  *COUNTRY* |

**Thesis project title:**

|  |
| --- |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Expected**  **starting date:** | *dd/mm/yyyy* | **Doctoral school:**  *(*[*List of Grenoble schools*](https://doctorat.univ-grenoble-alpes.fr/en/doctoral-studies/the-doctoral-schools/)*)* |  |

**Thesis Supervisor:**

|  |  |
| --- | --- |
| Family Name |  |
| First Name |  |
| Laboratory |  |
| Doctoral school |  |
| Email Address |  |
| Phone number | *+00 (0)0 00 00 00 00 00* |
| Mobile number | *+00 (0)0 00 00 00 00 00* |

**Thesis Co-supervisor:** *(if applicable)*

|  |  |
| --- | --- |
| Family Name |  |
| First Name |  |
| Laboratory |  |
| Email Address |  |
| Doctoral school |  |
| HDR? | *yes/no* |
| Phone number | *+00 (0)0 00 00 00 00 00* |
| Mobile number | *+00 (0)0 00 00 00 00 00* |

**To which programs are you applying?**

As long as you are eligible, you can apply to all of the following programs. Different programs have different eligibility criteria.

[QuanTEdu](https://quantalps.univ-grenoble-alpes.fr/english/) ☐  QuantAlps ☐

**Summary of the Thesis Project:**

*Please type your text here. 20 lines max. You might copy this section in other forms as asked (ex. Reference letter form, Scientific Document)*

**B – Scientific Program**

**Please, download the Scientific Program Form, fill it in, scan it and upload it to the online form in the required section.**

**Authorized formats: PDF / DOC / DOCX / ODT - Max 8Mo**

**C – Your selected PhD Program**

**Please be prepared to fill in these sections in the online application form.**

**C1- QuanTEdu - Contribution to Quantum technologies**

If you apply to the QuanTEdu Doctoral program, please Indicate to which quantum technologies the project will contribute*.* Please provide a detailed justification in the research project.

|  |  |
| --- | --- |
| Quantum computing |  |
| Quantum simulation |  |
| Quantum communication |  |
| Quantum sensing and metrology |  |

**C2- QuantAlps-Labex Synergies**

If you apply to the QuantAlps- Labex Doctoral program, please provide the following information.

* If your PhD project is involving co-supervisors belonging to different teams, please ask your supervisors to provide information on the envisaged supervision mode: where will your office be, how supervision is planned, who will take in charge of your travels, computer and necessary equipment, etc.

*Please note that in the case where the two supervisors belong to two different doctoral schools, the rules of the two doctoral schools will be applied.*

* If your PhD project is involving collaborations with R&D laboratory please provide information on the contact person in the company, the supervision roles, the periods of stay in the company, and possible co-funding of your salary or travel/equipment expenses by the company.
* If your PhD project is interdisciplinary or involving a topic of interest of two Labex, please provide detail below (which other Labex is involved, to which extent, and any other relevant information)

|  |
| --- |
|  |

**C3 - PhD cofunding**

**PhD cofunding** at 50% with other national/international programs or institutions is possible; in this case you must describe it here, and include an official document of acceptance by the other program/institution, signed by the person in charge of the program/institution *stating explicitly that they will take in charge 18 months of salary.* The official document should be sent to quantum-[grenoble-phd@listes.grenoble.cnrs.fr](mailto:grenoble-phd@listes.grenoble.cnrs.fr) by March 31st, 2025.

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|  |

**D – Applicant’s information**

**Please be prepared to upload the following documents to the application platform.**

**Authorized formats: PDF / DOC / DOCX / ODT - Max 8Mo**

**D1 – Proof of Identity**

Copy of passport.

**D2 - Curriculum Vitae**

[Make sure the CV contains the following information:

* Date/Place of Birth, Nationality
* University education, copy of the master degree diploma (if obtained already) or information about when you plan to obtain the master degree
* Previously occupied job positions
* Applicant’s current situation
* Applicant’s research activities
* Applicant’s list of publications, posters, patents, etc...
* English proficiency test results if relevant
* ... and any other information helping to establish the applicant’s excellence level]

**D3 – Cover letter**

[Indicate why you want to prepare a PhD, what you expect from these three years, and what are your plans for your future career.]

**D4 – University records**

[Please attach the complete statement of your exam results with grades – for both Bachelor and Master studies, delivered by your University. The exam ranking information must also be provided if available from your University.]

**D5 – Recommendation letters**

**Please arrange that at least two recommendation letters are sent directly by their author** to [quantum-grenoble-phd@listes.grenoble.cnrs.fr](http://quantum-grenoble-phd@listes.grenoble.cnrs.fr) by March 14th, 2025, 5pm CET. The letters must be written using the Recommendation Letter Form and should be sent in pdf format. One of these letters must be written by the professor in charge of your last year’s master degree.

[Detail online who will send for you the recommendation letters.]

**D6 – Suggested Referees**

Please suggest at least two potential referees for this project - The suggested referees must neither be affiliated with a Grenoble laboratory, nor have any link of interest with the thesis director or the candidate, and must not have submitted any letters of recommendation in favor of the candidate.

**E – Commitment & Agreements**

**Please, download the Commitment and Agreements Form. It must be signed by all the concerned parties and upload it to the online form in the required section.**

**Authorized formats: PDF / DOC / DOCX / ODT - Max 8Mo**