**QuanTEdu 2022 PhD Program**

**Application Form**

* *The application form has to be sent by the applicant to* quantedu-phd@univ-grenoble-alpes.fr ***before 2022, May 13th, 5 pm (Paris time).***
* *The recommendation form (section F) has to be sent by the referee directly to* quantedu-phd@univ-grenoble-alpes.fr***before 2022, May 13th, 5 pm (Paris time).***

**A – Applicant and Thesis Information**

**Applicant:**

|  |  |
| --- | --- |
| Family Name |  |
| First Name |  |
| Gender |  |
| 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 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 |  |
| Phone number | *+00 (0)0 00 00 00 00 00* |
| Mobile number | *+00 (0)0 00 00 00 00 00* |

**Insert in this page a copy of your passport**

**Summary of the Thesis Project:**

*Please type your text here. 20 lines max. Copy and paste in section F.*

**B – Scientific Program**

*This section may contain up to* ***5 pages max*** *(Arial font, 11 pt, line spacing 1.15).*

**Part 1: Scientific project description**

* *Context and position of the project on the international scale,*
* *Scientific targets,*
* *Originality and innovative aspects of the project*
* *Expected outputs*
* *Description of the thesis objectives and of the proposed research programme: strategy, methods and techniques, expected timing*
* *Specify how the thesis will contribute to the expected project achievements.*

**Part 2: Driving forces and outcomes of the project**

**Part 3: Connection between the thesis supervisors and the applicant**

*Describe the context in which the student and their thesis supervisors have met and built this project (based on previous collaborations – or on a spontaneous introduction). Highlight also any existing relations between the thesis supervisors and the referees chosen to write the Letters of Recommendation (see section F).* *Indicate whether direct interactions / phone conversations between the thesis supervisor(s) on one hand, the applicant and these referees on the other hand, have helped to prepare this project*

**Part 4: Applicant particular assets for the project.**

**C – Programme specific information**

If you want to apply to the QuanTEdu Doctoral programme, please provide the following information.

1. **QuantAlps Laboratory:**

*Indicate which lab(s) are related to your project*

1. **Relevant topics:**

*Indicate which research topics are related to your project with a cross (x) and highlight the main one with a doubled cross (xx).*

|  |  |
| --- | --- |
| Quantum engineering and hardware |  |
| Key enabling technologies |  |
| Quantum matter |  |
| Quantum information and software |  |

1. **Contribution to QuantAlps synergies**

*Indicate wheter the project will contribute to one or several of the federative projects of QuantAlps (put a cross (x)):*

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

1. **Additional remarks:**

***(1) PhD cofunding*** *with other programs or institutions is possible; in this case you must describe it in the application form, and include an official document of acceptance by this program/institution with indication of 18 Months of salary (if duly justified, the official document may be sent later but it must be received before June 1st st).*

***(2)*** *Describe here the* ***synergic character*** *of the application: how the project will contribute to one or more of the federative projects of the QuantAlps federation indicated above.*

***(3)*** *In case of two supervisors belonging to two different doctoral schools, the rules of the two doctoral schools will be applied*

**D – Curriculum Vitae of the applying student**

*Make sure the CV contains the following information:*

* *Gender, Date/Place of Birth, Nationality*
* *University education, copy of the master degree diploma (if obtained already) or information about the master degree (to be obtained soon)*
* *Previous 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*

*The student’s application form must also contain:*

* ***One cover letter*** *indicating why the applicant wants to prepare a PhD, what he/she expects from these three years, and what are his/her plans for his/her future career.*
* ***At least two recommendation letters for the applicant in a pdf format.***

*They must be written in accordance with the letter template (available at the end of this application form****, in section F****) and be sent* ***directly by their author*** *to quantedu-phd@univ-grenoble-alpes.fr.*

*One of these letters must be written by a professor in charge of the student’s master degree.*

***This CV must be completed with a complete statement   
of the student’s exam results - delivered by his/her University.***

***University’s ranking information (if available) must also be provided.***

**E - Commitment and Agreements**

**Host Laboratory Agreement:**

|  |  |  |
| --- | --- | --- |
| **Hosting Laboratory** | *Lab Name* | |
|  |  |  |
| Thesis supervisor: | *Name:* | *Signature* |
|  |  |  |
| Laboratory Director: | *Name:* | *Signature* |
|  |  |  |

**Thesis Applicant Agreement:**

**Applicant’s signature:**

**Date:**

**F –** **Letter of Recommendation (2 pages) – to be sent separately to (at least) 2 referees**

The green sections are to be filled by the applying student

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **This letter of recommendation is for a PhD application at xx Laboratory in France on the subject of: xxxx** | | | | | | | | | |
| **A. General** | | | | | | | | | |
| *Applicant’s full Name :* | | |  | | | | | | |
| *Applicant’s email:* | | |  | | | | | | |
| *Referee’s full Name:* | | |  | | | | | | |
|  | | | | | | | | | |
| **B. Relation of referee to applicant** | | | | | | | | | |
| *1) I have known the applicant in the following capacities* | | | | | | | | | |
| *Please use x* |  | | | | Courses | | | Comments | |
|  | as an (under)graduate student or equivalent | | | |  | | |  | |
|  | as a master student | | | |  | | |  | |
|  | as a teaching/research assistant | | | |  | | |  | |
|  | as a professional colleague | | | |  | | |  | |
|  | by reputation | | | |  | | |  | |
|  | Other: | | | |  | | |  | |
| *2) I was acquainted with the applicant and his/her work from dd/mm/yyyy to dd/mm/yyyy* | | | | | | | | | |
| *3) I had a* \_\_ poor \_\_ fair \_\_ good \_\_ excellent *opportunity to observe the quality of the applicant’s work* | | | | | | | | | |
| *4) If the applicant is/was a student how does he/she compare with students currently in your department/class* | | | | | | | | | |
| *5) Please indicate (with a x) on this scale, your overall impression of the applicant* | | | | | | | | | |
| Below average | | Average | | Above average | | Excellent | Outstanding | | Insufficient opportunity to judge |
|  | |  | |  | |  |  | |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **C. Recommendation Letter** | | | | | | |
|  | **For applicants in Physics/Computer Sciences/Mathematics** | | | | | | |
| *Please assess the applicant’s* | | unable to judge | poor | fair | good | excellent  *top 10%* | Outstanding  *top >1%* |
| Overall knowledge of physics and/or nanotechnologies | |  |  |  |  |  |  |
| Skill in experimental design | |  |  |  |  |  |  |
| Technical abilities | |  |  |  |  |  |  |
| Innovative abilities/creativity | |  |  |  |  |  |  |
| Ability to work independently | |  |  |  |  |  |  |
| Analytical abilities | |  |  |  |  |  |  |
| Skills in reporting and interpreting data | |  |  |  |  |  |  |
| Language (learning) skills | |  |  |  |  |  |  |

|  |
| --- |
| ***Please comment, if possible, on the overall applicant’s scientific and technical abilities, both in comparison with other students/scientists/engineers with similar training and experience and provide your overall recommendation for the applicant to carry out a PhD (autonomy, motivation, curiosity…). A short description of the PhD is given below.***  **Please add your full contact details, describing precisely your institution / laboratory:**  **Please send this recommendation letter in pdf format directly by email to *quantedu-phd@univ-grenoble-alpes.fr. An acknowledgement of receipt will be sent to you and to the applying student.*** |

**Summary of the Thesis Project:**

*Please type here the [summary of the section A](#Summary) of your application form, before sending it to the referee.*