



**Défi clé Technologies quantiques**

**2022 Call – « PhD fellowship »**

**Thesis general informations**

**Project acronym :** *Please give the acronym of the PhD project*

**Thesis title :** *Please enter the title of the PhD project.*

**Expected starting date :** *Please specify the PhD expected starting date.*

**Doctoral school :** *Please specify the related doctoral school.*

**Supervisors :** *Please fill the following table.*

|  |  |  |
| --- | --- | --- |
|  | Supervisor | Co-supervisor |
| Family Name |  |  |
| First name |  |  |
| Laboratory |  |  |
| Email address |  |  |
| Phone number |  |  |

**Relevant topics :** *Please fill the following table.*

|  |  |
| --- | --- |
| Topics | Relevance (Yes/No) |
| Quantum computation |  |
| Quantum communications |  |
| Quantum sensing |  |
| Quantum simulation |  |

**Co-funding :** *Please specify the envisioned source of co-funding of the PhD grant. PhD co-funding with any other programs or institutions, except from the Occitanie Region, is possible. Indicate if this co-funding, for 18 months of salary, is already available.*

**Summary of the PhD project:** *Summarize the PhD project (20 lines max).*

**Part 1 : Scientific program**

1. Scientific context

*Describe the context and position the project on the international scale (half page max).*

1. Main scientific goals

*Define the main scientific objectives of the project. Describe the innovative aspects of the project with respect to the state-of-the-art and its relevance to the call (one page max).*

1. Research program

*Describe the proposed research program, in terms of methodology and agenda (2 pages max).*

1. Research impact

*Describe the strategy for valorisation and dissemination of results, as well as the envisioned research outcomes in a long-term perspective (half-page max).*

**Part 2 : PhD Environment**

1. Hosting team

*Describe the scientific background of the hosting team(s), in connection with the PhD program (half page max).*

1. CV of the supervisor(s)

*Give a short CV of the PhD supervisor(s) (half page max per CV). Give a selection of 5 publications in connection with the PhD program.*

1. Available facilities

*Describe the available facilities in the hosting team, required to carry the PhD work (1 page max).*