|  |
| --- |
| **APPLICATION FORM** |

1. Project title:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Keywords:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. A. Amount of computing resources requested[[1]](#footnote-1):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B. Elapsed time of the requested access:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. The project concerns mostly:

* Exploratory and educational work
* Production
* Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Proponents (at least two researchers affiliated to one member of the consortium QCSC):

*For each proponent, please provide name, surname, qualification, affiliation, a list of recent funded projects, a list of 5 recent publications related to the project[[2]](#footnote-2), a short CV, and an e-mail address. A reference person should be indicated, serving as point of contact for the evaluation committee, CINECA, and possibly the technical support teams of the companies providing the computing facilities.*

6. Description of the project:

*Activities, objectives, justification of the resource amount requested, need of technical support, possible other available resources to sustain the activity, etc. (max two pages in Times New Roman 11, excluding references)*

7. Relevance of the project in the current status of QC:

*Significance of the project objectives for the advances of quantum computing and/or development of algorithms in a broad sense, at the national and international level. Perspectives for a future development of the activity and of the collaboration within the team (max one page).*

8. Possible referees:

1. Please consider, as a reference, the following maximum time:

   * D-Wave 20 minute/month
   * LEONARDO – up to 10.000 GPU/h
   * G100 – up to 100.000 Core/h

   [↑](#footnote-ref-1)
2. If these are not yet available, list any evidence in support of an active research interest in quantum science and technology. [↑](#footnote-ref-2)