

Project report

Period

Give the time period you report for (month year - month year)

Project title

Title as given in the project proposal

System(s)

Please name the system(s) used

Project ID

Please provide the project ID

Principal investigator

Name, affiliation, contact data

Project contributor(s)

Name, affiliation, contact data

The length of the report is restricted to 10 pages (font 11 pt)!

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1 Abstract

Give a short introduction to the project and stress the highlights.

(about 0.5 pages)

2 Scientific work accomplished and results obtained

Describe the scientific work which was accomplished within the granting period and the results which were obtained, structured in sub-projects, if applicable. Include a brief description of the simulations performed.

2.1 Sub-project A

2.2 Sub-project B

...

(about 1 page per sub-project)

3 Realization of the project

Describe the realization of the project including the following technical aspects, if applicable:

- *Describe the simulations performed (algorithms/models actually used, ...)*
- *Describe algorithmic modifications/improvements that have been done/achieved*
- *If the granted computing time has not been used completely, please discuss the reasons briefly*

4 Publications with the appropriate acknowledgement

List publications published in peer-reviewed journals or peer-reviewed conference proceedings, which contain results obtained in this project. The computing resources accessed via the Jülich UNified Infrastructure for Quantum computing (JUNIQ) at the Jülich Supercomputing Centre (JSC) must be properly acknowledged in these publications. Depending on the type of device, please choose one of the following:

- *D-Wave Advantage™ System JUPSI:*

The authors gratefully acknowledge the Jülich Supercomputing Centre (<https://www.fzjuelich.de/ias/jsc>) for funding this project by providing computing time on the D-Wave Advantage™ System JUPSI through the Jülich UNified Infrastructure for Quantum computing (JUNIQ).

5 Additional references

Space for additional references, e.g., cited in section 2, if applicable.