Project Report

**Type of report**
 *Specify either “Status Report” or “Final Report”*

**Period**
 *Give the granting period you report for (month year - month year)*

**Project title**
 *Title as given in the project proposal*

**HPC System(s)** *Please name the HPC system(s)/module(s) used*

**Project ID**
 *Please provide the project ID*

**Principal investigator**
 *Name, affiliation, address*

**Project contributor(s)**
 *Name, affiliation, address*

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

**The length of the final report is restricted to 18 pages (font 11 pt)!**

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# Abstract

*Give a short overview/summary of the work accomplished within the project (for status reports: in the last granting period) and stress the highlights.*

*(about 0.5 pages)*

# 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.*

## Sub-project A

## Sub-project B

*...*

*(about 1 - 2 pages per sub-project)*

# Response to reviewer feedback

*Describe how you took the reviewers’ feedback on your previous project application into account, if applicable.*

# Realization of the project

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

* *Describe the simulations performed (codes actually used, number of cores used, ...)*
* *Describe code modifications/improvements that have been done/achieved*
* *If the granted computing time has not been used completely, please discuss the reasons briefly*
* *If the used compute time is at least twice as much as the required time in the application, then the Principle Investigator is obliged to provide a report which clarifies the increased computing time requirement*

# Publications with the appropriate acknowledgement

***IMPORTANT: For status reports, please list in this section only publications******published in the last granting period. For other publications, please use section 7.***

*List publications published in peer-reviewed journals or peer-reviewed conference proceedings, which contain results obtained in this project. The computing resources must be properly acknowledged in the publications. Please refer to the information provided under the following link:*

https://www.jara.org/en/research/center-for-simulation-and-data-sciences/jara-partition/applying-for-computing-time

# Theses completed within the project

*Please, give author’s name, degree, and the title of the thesis, if applicable.*

# Additional references

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

*If applicable, you might also list up to five publications from other granting periods, projects or preliminary work of the PI or the project contributors relevant to the current project.*

*Separated from this list, you might also include in this section selected conference participations (e.g. invited keynote lectures), national and international cooperations, or awards received related to your project.*

# Material suitable for the general public

*In order to promote simulation sciences, we are interested in attractive color pictures which were created in your project, and which can be interesting for a general public.*

*Please provide also descriptions understandable to a scientifically interested general audience.*

*By providing this material you grant us permission to use text and pictures in publications about GCS and its member centres, NIC as well as JARA and its member centres.*