**Project description for the NHR website**

Target group: Readers with no scientific background, especially without knowledge about the special field.

Please provide a brief general overview of the project. Of particular interest is, what general social relevance the project has, and why high-performance computing capacity is needed for this.

**Image(s) - (minimum one Image is required):** Please attach images in a common format and a resolution which is high enough for publishing. Please provide only pictures for which you have the image rights! By sending the image(s) you confirm that no one else has the copyright of these images.

The following items should be completed, for publishing on the NHR-website. Items with asterisk are optional.

***Project title:***

***Introduction (Teaser):***

*short Introduction: 300-750 characters, incl. blanks)*

***Date published:***

***Local Project ID:***

***Project Manager:***

*(Academic title, first name, last name, email@)*

***Principal Investigator:***

*(Academic title, first name, last name, email@)*

***\*Researchers*** *- other scientists involved:*

*(Academic title, first name, last name, email@. They must have confirmed that they agree with the publication of their name in connection with the project)*

***Institute / Institutes:***

***Universities:***

***Additional Affiliation, if existing:***

*(Special affiliation like cross-site group, Sonderforschungsbereich, Schwerpunktprogramm Graduate School)*

***Research Field:***

*(Coarse classification – Chemistry, Physics, Geosciences, Computational Engineering Sciences, Life Sciences, Social Sciences, Humanities, other)*

***DFG classification:***

***HPC Platform used:***

***Text body:***

*Introduction, Method, Results, ongoing work/outlook, References (approx 4000 characters, incl. blanks). No formulas in the text - also no LaTeX! - only superscript and subscript characters are possible.*