Title of the extended abstract

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## Abstract

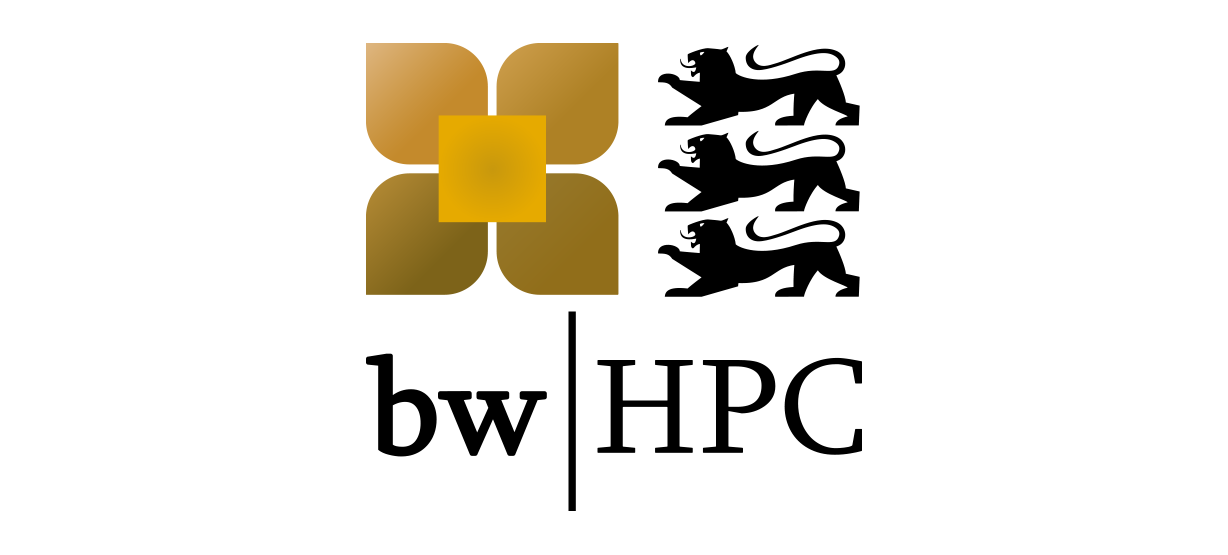
A typical abstract is 5-10 lines long. The entire document should contain 3 to 6 pages.

# 1 Introduction

The following sample sections are only suggestions – please feel free to name them as you wish, add/remove (sub-)sections, etc.

# 2 Theory and methods

Theoretical, methodical and/or experimental details. Example reference [1] – for list of references see end of document.

Figure 1: Figures owned by someone else may only be used with permission and must be referenced properly in the figure caption. Do not let text flow around figures.

# 3 Results and discussion

The main focus of this section is the presentation of the scientific results including diagrams, figures, tables, etc.

Additionally, some HPC related details are very much appreciated, for example information about CPU usage, number of cores per job, scaling behavior, parallelization efficiency, typical memory usage, temporary disk requirements, or similar information interesting for HPC focused readers.

# 4 Conclusions

Conclude the findings.

# 5 Acknowledgements

Resources that did contribute to this research.

# References

[1] M. Mustermann, N. Nobody, and J. Doe. The joy of publishing. Journal of Any Pub. 32 (2014) 575-582.