

Project description for the bwHPC website

Please provide a brief overview in English of the project and submit it to publications@bwhpc.de, highlighting its potential benefits and broader impact on society. Additionally, explain the role of high-performance computing capacity in achieving the project's goals. The target group are readers with no scientific background, especially without knowledge about the special field.

Please attach 1 to 3 images in a standard format, such as PNG or JPG, ensuring they have a resolution suitable for publishing (approximately 1200 x 800 pixels, 300 dpi). Please name your attached pictures Image_1, Image_2, Image_3 and give as a short caption for each picture in the textboxes below. At least one image is required. Only provide 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. You can either send your pictures via E-Mail (max. attachment size 5 MB) or send us a shared link. Please share it for at least 2 weeks so we have sufficient time to download your images.

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I want to add a video. (In this case we will contact you.)

Image 1:

Image 2:

Image 3:

Project title:

Introduction (Teaser), 300 - 500 characters, incl. blanks:

Project duration (e.g. 3/2024 – 3/2026):

Acronym of Computing Project:

Project Manager (Academic title, first name, last name, email@):

Principal Investigator (Academic title, first name, last name, email@):

Authors of this Article - if different from PM or PI (Academic title, first name, last name, email@):

Universities/ Institutes:

bwHPC domain (as in [Rechenvorhaben](#)):

Platform(s) used:

bwUniCluster

BinAC

Helix

Justus

NEMO

HoreKa

Hawk

SDS@hd

LSDF

bwDataArchive

Text body (approx. 1000 - 3000 characters, incl. blanks):

Introduction, method (e.g. Software used), results, ongoing work/outlook, references

DOI: