



WESTFÄLISCHE  
WILHELMS-UNIVERSITÄT  
MÜNSTER

# EasyBuild at University of Münster



## > Hardware

PALMA II (New Linux cluster from Megware, will be available at April 2018)

- 400 nodes with Intel Skylake (AVX 512), 18 core dual socket
- 44 nodes Intel Broadwell (AVX 2)
- 4 nodes nVidia K20
- 4 nodes Intel KNL
- Installed via OpenHPC, except for user software
- CentOS 7

⇒ Heterogeneous system

Since we see an increasing demand, we are writing a proposal for a GPU based cluster

## > EasyBuild

- We use the official repository
- Hierarchical module naming scheme
- Toolchains Intel and foss
- Two persons working (part time) on EasyBuild development (updating EasyConfigs)